PHILIPPINE BIDDING DOCUMENTS

(As Harmonized with Development Partners)

SUPPLY, DELIVERY, & INSTALLATION OF LABORATORY EQUIPMENT FOR COPC REQUIREMENTS OF EVSU-COE MAIN CAMPUS (Project Identification No. IB-2025-07-12)



EASTERN VISAYAS STATE UNIVERSITY

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





Republic of the Philippines EASTERN VISAYAS STATE UNIVERSITY Tacloban City Project Identification Number: IB-2025-07-12

BIDS AND AWARDS COMMITTEE

INVITATION TO BID

SUPPLY, DELIVERY, & INSTALLATION OF LABORATORY EQUIPMENT FOR COPC REQUIREMENTS OF EVSU-COE MAIN CAMPUS

- 1. The EASTERN VISAYAS STATE UNIVERSITY, through the INTERNALLY GENERATED FUND (IGF) FY 2025 intends to apply the sum of Seven Million Two Hundred Twenty-Three Thousand Three Hundred Eighty-Five Pesos and 57/100 (Php7,223,385.57) being the ABC to payments under the contract for IB-2025-07-12 SUPPLY, DELIVERY, & INSTALLATION OF LABORATORY EQUIPMENT FOR COPC REQUIREMENTS OF EVSU-COE MAIN CAMPUS. Bids received in excess of the ABC shall be automatically rejected at bid opening.
- 2. The EASTERN VISAYAS STATE UNIVERSITY now invites bids for the above Procurement Project. Contract duration of the project shall be <u>within sixty (60)</u> <u>Calendar days upon receipt of the approved Notice to Proceed (NTP)</u>. Bidders should have completed, within 2 years from the date of submission and receipt of bids, a contract similar to the Project. The description of an eligible bidder is contained in the Bidding Documents, particularly, in Section II (Instructions to Bidders).
- 3. Bidding will be conducted through open competitive bidding procedures using a nondiscretionary "*pass/fail*" criterion as specified in the 2016 revised Implementing Rules and Regulations (IRR) of Republic Act (RA) No. 9184.

Bidding is restricted to Filipino citizens/sole proprietorships, partnerships, or organizations with at least sixty percent (60%) interest or outstanding capital stock belonging to citizens of the Philippines, and to citizens or organizations of a country the laws or regulations of which grant similar rights or privileges to Filipino citizens, pursuant to RA No. 5183.

- 4. Prospective Bidders may obtain further information from *EASTERN VISAYAS STATE UNIVERSITY* and inspect the Bidding Documents at the address given below *during office hours from 9:00 A.M. to 5:00 P.M., Monday to Friday.*
- 5. A complete set of Bidding Documents may be acquired by interested Bidders <u>July 9</u>, <u>2025 July 31, 2025 (except on Saturdays, Sundays & Holidays)</u> from the given address below and upon payment of the applicable fee for the Bidding Documents, pursuant to the latest Guidelines issued by the GPPB, in the amount of:

Total ABC of the Lot/s	Cost of Bidding Documents (in Php)
500,000.00 and below	500.00
More than 500,000.00 up to 1 million	1,000.00



More than 1 million up to 5 million	5,000.00
More than 5 million up to 10 million	10,000.00

6.

The Procuring Entity shall allow the bidder to present its proof of payment for the fees in person or through e-mail at <u>evsu.bacsecretariat@evsu.edu.ph.</u>

Prospective bidders who intend to purchase the bidding documents may opt for the following mode of payment:

a. Payment at the EVSU-Main Campus Cashiering Office (transaction hours: 8:00 AM - 3:30 PM)

- i. Step 1: Proceed to the Office of the BAC Secretariat for the issuance of payment slip.
- ii. Step 2: Present payment slip to the Cashiering Office for payment of the bid docs fee.
- iii. Step 3: Present proof of payment/official receipt to the Office of the BAC Secretariat.
- iv. Step 4: BAC Secretariat release copy of the PBD, its Bid Bulletin/s, and other attachments.

b. Payment thru bank:

- Account name: SUC EASTERN VISAYAS SU TRUST
- Bank: Development Bank of the Philippines Tacloban City
- Account number: **000-02627-775-4**

Note: Bidder must send its proof of payment for the fees to evsu.bacsecretariat@evsu.edu.ph

Bidding Documents may also be downloaded free of charge from the website of the Philippine Government Electronic Procurement System (PhilGEPS) (wwwphilgeps.gov.ph) and the Eastern Visayas State University website (https://www.evsu.edu.ph) provided that Bidders shall pay the nonrefundable fee for the bidding documents not later than the submission of their bids.

- 7. The EASTERN VISAYAS STATE UNIVERSITY will hold a Pre-Bid Conference through a hybrid platform on <u>July 18, 2025, at 2:00 P.M.</u> at Eastern Visayas State University at the Office of Vice President for Administration and Finance Conference Room, Tacloban City & through video conferencing via Google Meet which shall be open to prospective bidders.
- 8. Bids must be duly received by the BAC Secretariat thru:
 - a. The bidder has the option to submit a bid electronically or manually on or before July 31, 2025, 1:30 P.M. If a bidder chooses to submit an electronic bid, the same bidder shall submit a bid manually for the same project on or before August 05, 2025, 2:00 P.M., for evaluation purposes during post-Qualification. Further instructions on the submission and receipt of electronic bids are provided in BDS (ITB Clause 15); and,



b. If a bidder chooses to submit manually, the manual bid shall be sufficient for evaluation purposes during the Opening of Bids, and electronic submission shall no longer be required. The same shall be submitted at the address indicated below on or before *July 31, 2025, 1:30 P.M.* (*BAC Secretariat time*).

Late bids shall not be accepted.

- 9. All Bids must be accompanied by a bid security in any of the acceptable forms and in the amount stated in **ITB** Clause 14.
- Bid opening shall be through a hybrid platform at the *Eastern Visayas State University* at the Office of Vice President for Administration and Finance Conference Room, Tacloban City & through video conferencing via Google Meet on July 31, 2025, 2:00 <u>P.M.</u> Bids will be opened in the presence of the bidders' representatives who choose to attend the activity.
- 11. The *EASTERN VISAYAS STATE UNIVERSITY* 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:

THE SECRETARIAT

Bids and Awards Committee Eastern Visayas State University Salazar Street, Quarry District, Tacloban City, Leyte 6500, Philippines Telephone No. 0953-355-7046 Tm Email: <u>evsu.bacsecretariat@evsu.edu.ph</u>

(SGD) BENEDICTO T. MILITANTE, JR., Ph.D., J.D.

Vice President for Administration & Finance Chairperson, Bids and Awards Committee



Section II. Instructions to Bidders

1. Scope of Bid

The Procuring Entity, *EASTERN VISAYAS STATE UNIVERSITY* wishes to receive Bids for the *SUPPLY*, *DELIVERY*, & *INSTALLATION OF LABORATORY EQUIPMENT FOR COPC REQUIREMENTS OF EVSU-COE MAIN CAMPUS* with identification number *IB-2025-07-12*.

The Procurement Project (referred to herein as "Project") is composed of 4 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 2025 in the amount of *Seven Million Two Hundred Twenty-Three Thousand Three Hundred Eighty-Five Pesos and 57/100 (Php7,223,385.57).*
- 2.2. The source of funding is *INTERNALLY GENERATED FUND (IGF) FY* 2025.

3. Bidding Requirements

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

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

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

4. Corrupt, Fraudulent, Collusive, and Coercive Practices

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

5. Eligible Bidders

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

- 5.2. Foreign ownership exceeding those allowed under the rules may participate pursuant to:
 - i. When a Treaty or International or Executive Agreement as provided in Section 4 of the RA No. 9184 and its 2016 revised IRR allow foreign bidders to participate;
 - ii. Citizens, corporations, or associations of a country, included in the list issued by the GPPB, the laws or regulations of which grant reciprocal rights or privileges to citizens, corporations, or associations of the Philippines;
 - iii. When the Goods sought to be procured are not available from local suppliers; or
 - iv. When there is a need to prevent situations that defeat competition or restrain trade.
- 5.3. Pursuant to Section 23.4.1.3 of the 2016 revised IRR of RA No.9184, the Bidder shall have an SLCC that is at least one (1) contract similar to the Project the value of which, adjusted to current prices using the PSA's CPI, must be at least equivalent to:
 - a. For the procurement of Non-expendable Supplies and Services: The Bidder must have completed a single contract that is similar to this Project, equivalent to at least fifty percent (50%) of the ABC.
 - 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.
- 5.4. The Bidders shall comply with the eligibility criteria under Section 23.4.1 of the 2016 IRR of RA No. 9184.

6. Origin of Goods

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

7. Subcontracts

7.1. The Bidder may subcontract portions of the Project to the extent allowed by the Procuring Entity as stated herein, but in no case more than twenty percent (20%) of the Project.

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

8. Pre-Bid Conference

The Procuring Entity will hold a pre-bid conference for this Project on the specified date and time at the *Office of Vice President for Administration and Finance Conference room, Tacloban City & through video conferencing via Google Meet* as indicated in paragraph 6 of the **IB**.

9. Clarification and Amendment of Bidding Documents

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

10. Documents comprising the Bid: Eligibility and Technical Components

- 10.1. The first envelope shall contain the eligibility and technical documents of the Bid as specified in Section VIII (Checklist of Technical and Financial Documents).
- 10.2. The Bidder's SLCC as indicated in **ITB** Clause 5.3 should have been completed within two (2) years prior to the deadline for the submission and receipt of bids.
- 10.3. If the eligibility requirements or statements, the bids, and all other documents for submission to the BAC are in foreign language other than English, it must be accompanied by a translation in English, which shall be authenticated by the appropriate Philippine foreign service establishment, post, or the equivalent office having jurisdiction over the foreign bidder's affairs in the Philippines. Similar to the required authentication above, for Contracting Parties to the Apostille Convention, only the translated documents shall be authenticated through an apostille pursuant to GPPB Resolution No. 13-2019 dated 23 May 2019. The English translation shall govern, for purposes of interpretation of the bid.

11. Documents comprising the Bid: Financial Component

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

12. Bid Prices

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

13. Bid and Payment Currencies

- 13.1. For Goods that the Bidder will supply from outside the Philippines, the bid prices may be quoted in the local currency or tradeable currency accepted by the BSP at the discretion of the Bidder. However, for purposes of bid evaluation, Bids denominated in foreign currencies, shall be converted to Philippine currency based on the exchange rate as published in the BSP reference rate bulletin on the day of the bid opening.
- 13.2. Payment of the contract price shall be made in **Philippine Pesos**.

14. Bid Security

- 14.1. The Bidder shall submit a Bid Securing Declaration¹ or any form of Bid Security in the amount indicated in the **BDS**, which shall be not less than the percentage of the ABC in accordance with the schedule in the **BDS**.
- 14.2. The Bid and bid security shall be valid until 120 calendar days from the date of opening of bids. Any Bid not accompanied by an acceptable bid security shall be rejected by the Procuring Entity as non-responsive.

15. Sealing and Marking of Bids

- 15.1 Each Bidder shall submit the original and the number of copies of the first and second components of its Bid as indicated in the BDS.
- 15.2 The Procuring Entity may request *five* (5) *sets* (1 original and 4 readable *authenticated photocopies*) of hard copies of the Bid. However, failure of the Bidders to comply with the said request shall not be a ground for disqualification.
- 15.3 If the Procuring Entity allows the submission of bids through online submission or any other electronic means, the Bidder shall submit an electronic copy of its Bid, which must be digitally signed. An electronic copy that cannot be opened or is corrupted shall be considered non-responsive and, thus, automatically disqualified.

16. Deadline for Submission of Bids

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

17. Opening and Preliminary Examination of Bids

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

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

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

18. Domestic Preference

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

19. Detailed Evaluation and Comparison of Bids

- 19.1. The Procuring BAC shall immediately conduct a detailed evaluation of all Bids rated "*passed*," using non-discretionary pass/fail criteria. The BAC shall consider the conditions in the evaluation of Bids under Section 32.2 of the 2016 revised IRR of RA No. 9184.
- 19.2. If the Project allows partial bids, bidders may submit a proposal on any of the lots or items, and evaluation will be undertaken on a per lot or item basis, as the case maybe. In this case, the Bid Security as required by **ITB** Clause 15 shall be submitted for each lot or item separately.
- 19.3. The descriptions of the lots or items shall be indicated in Section VII (Technical Specifications), although the ABCs of these lots or items are indicated in the BDS for purposes of the NFCC computation pursuant to Section 23.4.2.6 of the 2016 revised IRR of RA No. 9184. The NFCC must be sufficient for the total of the ABCs for all the lots or items participated in by the prospective Bidder.
- 19.4. The Project shall be awarded as one (1) Project having several lots, which shall be awarded as separate contracts per lot. In case more than one (1) lot is awarded to the same bidder, one (1) contract may be entered into containing all the lots awarded.
- 19.5. Except for bidders submitting a committed Line of Credit from a Universal or Commercial Bank in lieu of its NFCC computation, all Bids must include the NFCC computation pursuant to Section 23.4.1.4 of the 2016 revised IRR of RA No. 9184, which must be sufficient for the total of the ABCs for all the lots or items participated in by the prospective Bidder. For bidders submitting the committed Line of Credit, it must be at least equal to ten percent (10%) of the ABCs for all the lots or items participated in by the prospective Bidder.

20. Post-Qualification

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

21. Signing of the Contract

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

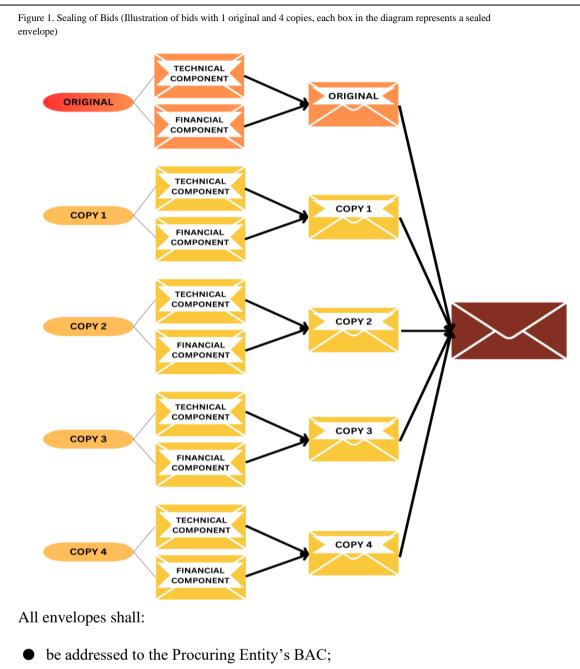


Section III. Bid Data Sheet

Bid Data Sheet

ITB Clause							
5.1	Only Bids of Bidders found to be legally, technically, and financially capable will be evaluated. The bidder must possess the following capabilities:						
5.3	For this purpose, contracts similar to the Project shall be:						
	a. SUPPLY, DELIVERY, & INSTALLATION OF LABORATORY EQUIPMENT						
	b. completed within two (2) years prior to the deadline for the submission and receip bids.						
7.1	Subcontracting is not allowed.						
9	Prospective bidders may submit their written request for clarification on and/or interpretation of any part of the Bidding Documents, either to EVSU BAC Secretariat Office or through electronic mail at <u>evsu.bacsecretariat@evsu.edu.ph</u> <i>not later than July 21, 2025 (5:00PM)</i> . Clarifications made and submitted beyond the abovementioned date shall not be accepted and/or entertained further.						
12	No further instructions.						
14.1	The bid security shall be in the form of a Bid Securing Declaration, or any of the following forms and amounts:						
	FORMS OF BID SECURITY	AMOUNT OF BID SECURITY (EQUAL TO PERCENTAGE OF THE ABC)					
	• Bid Securing Declaration; OR	NOTARIZED					
	 Cash, Cashier's/ manager's check issued by a Universal or Commercial Bank equivalent to; OR 	Two Percent (2%)					
	• Surety Bond equivalent to (If security bond, attach the original copy of the official receipt of premium payment and certification issued by the Insurance Commission)	Five Percent (5%)					
15.2	Each Bidder shall submit one (1) original and four (4) readable authenticated copies of the first and second components of its bid. Documents to be submitted shall be properly tabbed and labeled according to the title of the document attached for prompt identification: e.g., PhilGEPS Certificate of Registration (Platinum) – PhilGEPS						
	For details in the preparation of sealed bids, please refer to the diagram below:						





- bear the name and address of the Bidder in capital letters;
- contain the name of the contract to be bid in capital letters;
- bear the specific identification of this bidding process indicated in the ITB Clause 1; and bear a warning "DO NOT OPEN BEFORE..." the date and time for the opening of bids, as specified in the IB.

ТО	:	THE BIDS AND AWARDS COMMITTEE EASTERN VISAYAS STATE UNIVERSITY				
FROM	:					
		(Name of Bidder in Capital Letters)				
ADDRESS	:					
BID REF. NO.	:	(Address of Bidder in Capital Letters)				
(In Capital Letters, Indicate the Pharse): "DO NOT OPEN BEFORE: "						



15.3	Guidelines for Electronic Submission of Bids:							
	<i>a)</i> The Bidder must submit a soft copy of their bids through e-mail to <u>evsu.bacsecretariat@evsu.edu.ph</u> at any time before <i>July 31, 2025, 1:30 P.M</i> .							
	b) In the online submission of bids, a two-folder system will be utilized. The first folder contains the requirements of the Technical Component checklist as presented under Section VIII and shall be labeled "TECHNICAL COMPONENT". The second folder contains the requirements of the Financial Component checklist and is marked "FINANCIAL COMPONENT".							
	c)	The documentary requirements shall be segre document for prompt identification (e.g., Philo labelled as PhilGEPS) and each shall be in Po	GEPS Cer	tificate of	Registration (Platinum)			
	d)	Each folder shall be compressed in Zip, RA Submitted bidding documents that are not i password protected, will be automatically reje	n compre					
	e)	The password for accessing the file shall be opening which may be done in person or webcasting, e-mail or similar technology.		•				
	f) An electronic copy that cannot be opened or is corrupted shall be considered non-responsive and, thus, automatically disqualified.							
	g) For further information, please refer to:							
	VINCENT B. CABANTOC Head, BAC Secretariat CP No. 0953-355-7046 - TM Email Add: evsu.bacsecretariat@evsu.edu.ph							
19.2	Partial	bid is allowed.						
19.3	The go	oods are grouped in lots listed below.						
	IB-2(025-07-12 SUPPLY, DELIVERY, & INSTALLA FOR COPC REQUIREMENTS OF E			~			
	LOT NO.	DESCRIPTION	QTY	UNIT	TOTAL AMOUNT			
	1	SOIL TESTING AND CLASSIFICATION EQUIPMENT	1	Lot	1,344,193.17			
	2	GLASSWARE SUPPLIES	1	Lot	103,709.25			
	3	CHEMICAL LABORATORY INSTRUMENTS & APPARATUS	1	Lot	1,920,015.15			
	4	UNMANNED SURVEY VESSEL (USV) FOR HYDROGRAPHIC SURVEYING	1	Lot	3,855,468.00			



19.5	The Net Financial Contracting Capacity (NFCC), which must be at least equal to the ABC to be bid, is calculated as follows:
	NFCC = [(Current assets minus current liabilities) (15)] minus the value of all outstanding or uncompleted portions of the projects under ongoing contracts, including awarded contracts yet to be started, coinciding with the contract to be bid.
20.1	No further instruction.
21.1	No further instruction.



Section IV. General Conditions of Contract

1. Scope of Contract

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

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

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

2. Advance Payment and Terms of Payment

- 2.1. Advance payment of the contract amount is provided under Annex "D" of the revised 2016 IRR of RA No. 9184.
- 2.2. The Procuring Entity is allowed to determine the terms of payment on the partial or staggered delivery of the Goods procured, provided such partial payment shall correspond to the value of the goods delivered and accepted in accordance with prevailing accounting and auditing rules and regulations. The terms of payment are indicated in the **SCC**.

3. Performance Security

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

4. Inspection and Tests

The Procuring Entity or its representative shall have the right to inspect and/or to test the Goods to confirm their conformity to the Project. 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.

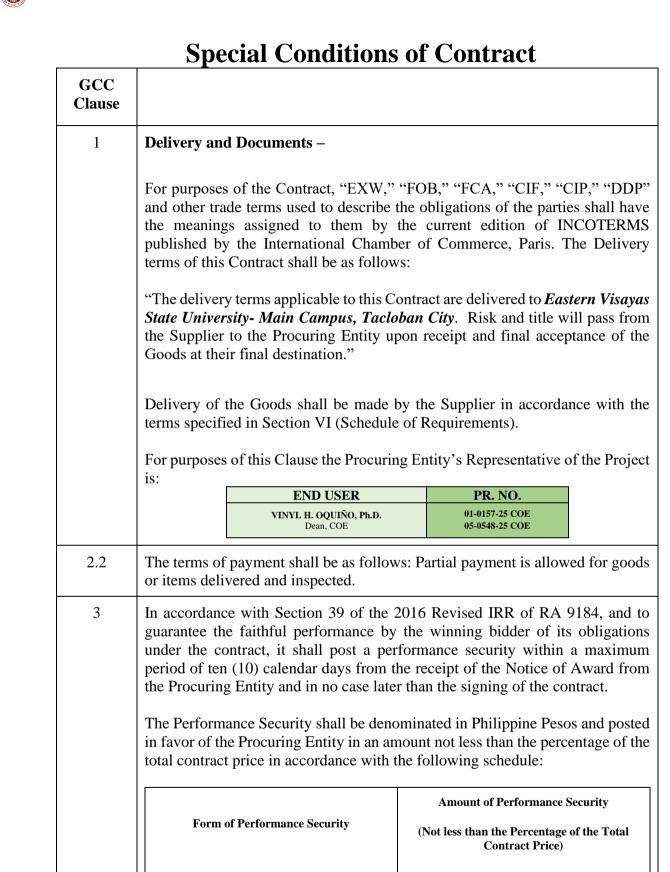
6. Liability of the Supplier

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



Five percent (5%)

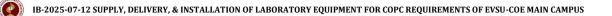
Cash or cashier's/manager's check issued by

Bank draft/guarantee or irrevocable letter of credit issued by a Universal or Commercial

a Universal or Commercial Bank.

a)

b)



	Bank: Provided, however, that it shall be confirmed or authenticated by a Universal or Commercial Bank, if issued by a foreign bank.							
	c) Surety bond callable upon demand issued by a surety or insurance company duly certified by the Insurance Commission as authorized to issue such security.	Thirty percent (30%)						
	Failure of the successful Bidder to comply with the above-men requirement shall constitute sufficient ground for the annulment of the and forfeiture of the bid security, as applicable, in which event the Pro Entity shall have a fresh period to initiate and complete the post qualifica the second Lowest Calculated Bid. The procedure shall be repeated un LCRB is identified and selected for recommendation of contract a However, if no Bidder passed post-qualification, the BAC shall decla bidding a failure and conduct a re-bidding with re-advertisement, if nece							
4	The inspection and test shall be conducted in the Eastern Visayas State University- Main Campus, Tacloban City. The inspections and tests that will be conducted is: Checking based on the required specifications.							



Section VI. Schedule of Requirements

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

IB-2025-07-12 SUPPLY, DELIVERY, & INSTALLATION OF LABORATORY EQUIPMENT FOR COPC REQUIREMENTS OF EVSU-COE MAIN CAMPUS

Lot No.	Description		QTY.	Delivered, Weeks/Months
1	SOIL TESTING AND CLASSIFICATION EQUIPMENT	1	Lot	Within sixty (60)
2	GLASSWARE SUPPLIES	1	Lot	Calendar Days upon receipt of
3	CHEMICAL LABORATORY INSTRUMENTS & APPARATUS	1	Lot	the approved Notice to
4	UNMANNED SURVEY VESSEL (USV) FOR HYDROGRAPHIC SURVEYING	1	Lot	Proceed (NTP)



Section VII. Technical Specifications

Technical Specifications

IB-2	IB-2025-07-12 SUPPLY, DELIVERY, & INSTALLATION OF LABORATORY EQUIPMENT FOR COPC REQUIREMENTS OF EVSU-COE MAIN CAMPUS						
Lot No.			Description			Statement of Compliance Comply/ Not Comply	
1	SOIL TESTING AND CLASSIFICATION EQUIPMENT						
	PR No.	Item No.	Description	Qty	Unit		
	05-0548- 25 COE- CE	1	IN-PLACE SOIL DENSITY ACCESSORY KIT In-Place Soil Density Accessory Kit has all items necessary for performing density and unit weight soil field tests. The kit can be used with the Balloon Density Apparatus or the 6.5in (165mm) Sand Cone Density Apparatus. The kit includes poly sample bags (pkg. of 100), sample bag ties (pkg. of 100), pocket dial thermometer with a temperature range of 25°—125°F, fine bristle cleaning brush, chisel, spoon, and rubber mallet. Included Items: In-Place Density Accessory Kit (100) Poly Sample bags (100) Sample bag ties Dial thermometer Fine bristle cleaning brush	4	set		
	05-0548- 25 COE- CE	2	SAND CONE DENSITY APPARATUS Sand Cone Density Apparatus (6-1/2in) is a 1gal (3.8L) threaded plastic jar with detachable metal double cone fitting. The cone is threaded on one end, flanged to 6-1/2in (165mm) on the other, with a cylindrical valve of 1/2in (12.7mm) Dia. orifice between ends. Valve has stops to prevent rotating past completely open or closed positions. The sand cone density test is an accepted and inexpensive method of determining the in-place density of soils. Effective in soils with particle sizes up to 2in (51mm), using test hole volumes of approximately 0.1ft ³ (2.8L). Features: Detachable cone fitting 1gal capacity Valve Stop prevents rotating past the open or closed position Included Items:	4	set		

		Sand Cone Density Apparatus			
05-0548- 25 COE- CE	3	MOTORIZED ATTERBERG LIQUID LIMITS MACHINE W/ COUNTER Motorized Atterberg Liquid Limits Machine w/ Counter (230V / 50Hz) Liquid Limit is the water content at which soil changes from a liquid to a plastic state, defined as a point where two halves of a soil sample flow together when jarred 25 times in a specified manner using a Liquid Limit machine. The model offers motorized or hand-crank- operated machines with either an automatic impact counter or a cost-effective hand- crank model without a counter. All models consist of a brass cup and carriage designed to control drop to exactly 1cm onto a hard rubber base. The height of drop is adjusted by a nut at the rear of the cup carriage using the gauge at one end of the included plastic Casagrande Grooving Tool, model SAA- 10P. The cup attaches to the carriage by a pin, for easy removal when cleaning or inspecting. All mechanical parts are machined from solid brass and rubber feet isolate the base from the work surface. Motorized Liquid Limit Machine (230V/50Hz), with counter, is most accurate with the use of a specially geared motor assuring proper operating speed of 1.9—2.1 drops per second. An on-off switch is provided. Features: Variety of motorized or hand-crank options to fit your application and budget Complete control of drop to 1cm Easily removable cup for cleaning or inspection Included Items: Motorized Liquid Limit Machine, with or without Counter Plastic Casagrande Grooving Tools (Package of 10) LIQUID LIMIT / PLASTIC LIMIT	4	set	
05-0548- 25 COE- CE	4	TEST ACCESSORY SET Liquid Limit / Plastic Limit Test Accessory Set contains the products necessary to perform Atterberg liquid and plastic limit tests in accordance with ASTM D4318. Liquid Limit Machines are sold separately.	4	sets	

	1				I
		The Accessory Set comes with one 250ml Porcelain Evaporating Dish, 4.7x1.7in (120x42mm); one Glass Plate, 12x3/8in (305x10mm) square with seamed edges; 24 1.5oz Aluminum Sample Containers 2x0.9in (51x23mm) DxH with snug-fitting lids; one 5qt Stainless Steel Pan; one 4x0.75in (102x19mm) Spatula with wooden handle and stainless-steel blade; and one 250ml Wash Bottle. Features: Set features products needed for Atterberg Liquid and Plastic Limits tests; Components are available individually for replacement Included Items: Porcelain Evaporating Dish, 250ml Glass Plate, 12in square with seamed edges (24) Aluminum Sample Containers, 1.5oz with lids Stainless Steel Pan, 5qt 4x0.75in Spatula			
		Wash Bottle, 250ml			
05-0548- 25 COE- CE	5	WAX MELTING POT Wax Melting Pot for use for the Shrinkage Limit Test Melts Microcrystalline Wax used in determining the shrinkage limit of cohesive soils. The thermostatically- controlled melting pot with lids holds 2qt (1.9L) of microcrystalline wax. Features: 2qt (1.9L) capacity 50°—250°F (10°—120°C) operating temperature Included Items: Wax Melting Pot for Shrinkage Limit Tests (110-120V/50-60Hz or 220-240V/50-60Hz)	4	sets	
05-0548- 25 COE- CE	6	THE SHRINKAGE LIMIT TEST The shrinkage Limit Test is one of the Atterberg Limits methods of defining characteristics of cohesive soils. The shrinkage limit of cohesive soils is defined as the water content at which further loss of moisture will not cause a decrease in volume. The shrinkage limit apparatus includes components necessary to run the test. ASTM recommends this new method as an alternative to the original D427 test method, which was withdrawn due to its use of mercury for volume determinations. This procedure uses similar apparatus for the preparation of a soil pat but requires coating the pat in melted wax. Prior to immersion in water for mass determination.	4	sets	

	1				
		A soil specimen with moisture content above the liquid limit is placed in the shrinkage dish and struck off with the straightedge. The soil pat is then oven- dried. After coating in melted wax, the volume of the soil pat is computed by weighing in water and noting the difference from its weight in the air. Soil samples for shrinkage limit tests are usually taken from a larger sample prepared for liquid and plastic limit tests. A soil specimen with moisture content above the liquid limit is placed in the shrinkage dish and struck off with the straightedge. The sample is then oven-dried. After coating in wax, the volume of the soil pat is computed by weighing in water and noting the difference from its weight in the air. Features: Determines Atterberg shrinkage limits of cohesive soils Requires immersion of soil pat in melted wax Aligns with ASTM D4943 Included Items: Shrinkage Limit Set 15ml Monel Shrinkage Dish Spatula with 4x0.75in Blade Glass Calibration Plate Fine Thread to suspend the soil pat			
05-0548- 25 COE- CE	7	shrinkage dish MICROCRYSTALLINE WAX FOR SHRINKAGE LIMIT TESTS Microcrystalline Wax for Shrinkage Limit Tests is used with the Shrinkage Limit Set in determining the shrinkage limit of cohesive soils. Microcrystalline Wax is melted in the Wax Melting Pot for coating oven-dried shrinkage limit soil pats before immersing in water for mass determination. Features: Easily coats shrinkage limit soil pat to prepare for immersion weighing Sold as a 51b (2.3kg) block Included Items: Microcrystalline Wax for Shrinkage Limit Tests	4	set	
05-0548- 25 COE- CE	8	Soil Grinder quickly prepares samples for Atterberg Limits or grain size testing and other standard lab tests. It is an efficient method for reducing agglomerations of caked soil to individual grains, and much less labor-intensive than a manual mortar and pestle operation. The grinders preserve	4	sets	

	1				
		true grain size for accurate and repeatable test results. The hopper has a 1pint (0.473L) capacity and features a manually operated gate to control the feed rate to the grinding chamber. The operation is simple: just load the hopper, start the grinder, and use the gate to control the material feed. A No. 10 (2.0mm) perforated stainless steel plate is included to retain larger particles. Most soil types are processed completely in less than 30 seconds per pint. Rugged stainless steel contact parts reduce sample contamination. The reliable direct- drive motor and the grinding unit are mounted on a sturdy painted steel tripod stand. An in-line switch controls motor operation. A stainless-steel lid covers the hopper during operation. Available in models that operate on 220V/50Hz power supplies. Features: Fast, efficient sample preparation of soils A manually-operated gate controls the feed rate Processes most soil types in less than 30 seconds Included Items:			
05-0548- 25 COE- CE	9	Soil Grinder (220V/50Hz) 3OZ. TINNED-METAL SAMPLE CONTAINER (PACKAGE OF 12) FEATURES: TINNED- metal construction 88ml (3oz.) capacity Lids help retain soil moisture Included Items: 3oz. Tinned-Metal Sample Container	5	sets	
05-0548- 25 COE- CE	10	40Z. TINNED-METAL SAMPLE CONTAINER (PACKAGE OF 12) Features: Lids are included Protect from moisture and other changes Included Items: 40z Tinned-Metal Sample Containers	5	sets	
05-0548- 25 COE- CE	11	60Z. TINNED-METAL SAMPLE CONTAINER (PACKAGE OF 12) Features: Tinned-metal construction 177m (6oz) capacity Included Items: 6oz. Tinned-Metal Sample Container (package of 12)	5	sets	
05-0548- 25 COE- CE	12	80Z. TINNED-METAL SAMPLE CONTAINER (PACKAGE OF 12) Features: Protects against moisture change Lids are included Included Items: 80z Tinned-Metal Sample Containers	5	sets	

05-0548- 25 COE- CE	13	16OZ. TINNED-METAL SAMPLE CONTAINER (PACKAGE OF 12) Features: Tight lid protects against moisture changes Included Items: 16oz Tinned-Metal Sample Containers Lids	5	sets	
05-0548- 25 COE- CE	14	3IN STANDARD SOILAUGER(STAINLESS STEEL)Features:Features:Constructed of Carbon Steel orStainless SteelQuick-connect fittingsQuer, Stainless SteelIncluded Items:Standard Auger, Stainless Steel	5	set	
05-0548- 25 COE- CE	15	4IN STANDARD SOILAUGER(STAINLESS STEEL)Features:Constructed of Carbon Steel or Stainless SteelImage: Constructed of Carbon Steel or Open bit design Included Items: Standard Auger, Stainless Steel	5	set	
05-0548- 25 COE- CE	16	STAINLESS STEEL SOIL SAMPLER T-Handle Features: Easy, comfortable grip Included Items: T-Handle, carbon steel or stainless steel	5	set	
05-0548- 25 COE- CE	17	3FTSTAINLESSSTEELSOILSAMPLER EXTENSION Features:High-strength stainless steel tubingQuick connect fittingsMarked in permanent 6in (152mm)incrementsIncluded Items:Stainless Steel Soil Sampler Extension, 3ft	5	set	
05-0548- 25 COE- CE	18	STAINLESSSTEELQUICK-CONNECT PINThese0.25x1.25in(6.35x31.75mm)WxD connectors are madeof carbon steel or stainlesssteel.Features:Easily secures auger to extensionIncluded Items:Quick Connect Pin, Stainless Steel	5	set	
05-0548- 25 COE- CE	19	QUICK-CONNECT AUGER ADAPTER allow Standard Augers to be attached to older extension rods that have 5/8in-11 NC threaded connections. The stainless-steel adapter includes a threaded connecting unit, nut, and locking pin. Features:	5	set	

		Retrofits Quick-Connect Augers for use on older extensions Stainless steel construction Included Items: Quick-Connect Auger Adapter			
05-0548- 25 COE- CE	20	ONE-PIECE SOIL SAMPLER , 36in Long with an open-tube design including a T-handle and replaceable hardened tips. The tube is marked to indicate a sampling depth of 6in (152.4mm). Made of high-grade nickel-plated steel. One-Piece Soil Sampler is 36in (914mm) long, takes 9 x 0.75in (229 x 19mm) core sample, and has a built-in footstep to assist with insertion into the soil Features: High-grade nickel-plated steel construction T-Handle Built-in footstep Included Items: Soil Sampler, 36in Long	5	set	
05-0548- 25 COE- CE	21	SOIL CLASSIFICATION SET provides a full range of gauges, charts, and instruments for field evaluation and classification of various soil characteristics. The convenient carrying case contains tools for visual classification, particle size estimation, and for estimating shear strength, density, and bearing capacity. Features: Contains products used for a range of field soil classifications and tests Included Items: Pocket Penetrometer Adapter Foot for Penetrometer Pocket Shear Vane Set Soil Density Volumeter Sand Gauge Munsell Soil Color Chart Set 1 each of #4, #10, #40, #100 and #200 3in (76mm) diameter all-stainless steel sieves Sieve Pan and Cover Sturdy Plastic Carrying Case	4	sets	
05-0548- 25 COE- CE	22	AQUA-CHECK MOISTURE TESTER is made in the USA and offers an affordable choice for rapid, accurate, and reliable moisture tests on sand, aggregates, ores, coal, soils, and other materials with a particle size up to 20mm. Samples can be quickly tested on-site, eliminating delay	2	sets	

	0				
		and risk of moisture loss during transport.			
		Portable units are easy to use and meet			
		ASTM, AASHTO, and Florida DOT			
		standards.			
		A pre-weighed 20g sample is placed in the			
		test chamber, along with a measured			
		quantity of calcium carbide reagent. When			
		the cell is sealed and agitated for one to			
		three minutes, free moisture in the test			
		sample reacts with the reagent to produce			
		acetylene gas. The integral pressure gauge			
		registers $0-20\%$ moisture by weight in			
		0.2% graduations. Moisture range can be			
		doubled by halving the pre-weighed sample			
		weight.			
		The Aqua-Check has a rugged, die-cast			
		aluminum body with a tough, wear-			
		resistant coating and includes a 0-20%			
1		pressure gauge, with a certificate of			
		calibration. Models are also supplied with			
1		an electronic digital balance, two 1.25in			
1		(32mm) dia. steel pulverizing balls, reagent			
1		measuring scoop, brush, and instructions in			
		a heavy-duty, waterproof plastic case.			
		Features:			
		The affordable, accurate choice for rapid			
		moisture tests on sand, aggregates, ores,			
		coal, soils, and materials up to 20mm			
		Tests are complete in minutes; no delays			
		waiting for results			
		No moisture loss during transport			
		ASTM, AASHTO, and Florida DOT-			
		compliant			
		Parts and accessories are compatible with			
		Speedy 2000 Moisture Testers			
		Included Items:			
		Aqua-Check Moisture Tester			
		$0-20 \ge 0.2\%$ pressure gauge			
		Certificate of calibration			
		Electronic digital balance			
1		Two 1.25in (35mm) dia. steel pulverizing			
		balls			
		Reagent measuring scoop, brush, and			
		instructions			
		Heavy-duty waterproof plastic case			
1		BALLOON DENSITY APPARATUS			
1		(1/20FT ³)			
1		The model has 1/20ft ³			
1		(1,600ml) capacity and is			
1		used for soils with 1/2in			
1		(13mm) maximum particle			
05-0548-		size.			
	22	Each apparatus consists of	4	act	
25 COE-	23	a graduated cylinder	4	set	
CE		$(0.00025 ft^3 \text{ and } 7 cm^3 $			
1		graduations), base plate,			
1		pressure/vacuum pump			
1		assembly with quick-coupler, ten balloons,			
1		and an integral gauge for controlling			
1		pressure during calibration and testing.			
1		Aqua-Check Moisture Tester for moisture			
1		Aqua-Check moisture rester for moisture			

			determinations and In-Place Density		
			Accessory Kit are recommended optional		
			accessories.		
			Note: this method is not suitable for very		
			soft, easily deformed soils or in a hole that		
			will not maintain a constant volume.		
			Features:		
			Durable, clear plastic cylinder makes		
			double-graduations easy to read		
			Comes with all components needed to		
			measure the in-place density of soil		
			1/20ft ³ HM-66 model is used for soils with		
			a particle size up to 1/2in (13mm)		
			1/13ft ³ HM-67 model is for soils with a		
			particle size up to 1in (25mm)		
			Included Items:		
			Balloon Density Apparatus		
			Double-graduated cylinder		
			Baseplate		
			Pressure/vacuum pump assembly with		
			quick-coupler Pressure gauge		
			Rubber balloons (pkg. of 10)		
2	GLASSWA	DESU			
4	PR No.	Item	Description	Qty	Unit
	TRINO.	No.	Description	Quy	Om
			100ML VOLUMETRIC LAB 🔫		
			FLASK		
			made of borosilicate glass featuring		
			a heavy-beaded machine-blown		
			body, and a thick-walled neck.		
			They are calibrated to contain the		
			indicated volume at 68° F (20°C).		
			Volumetric flasks are used for general lab		
			applications meeting ASTM E288 and		
			E694. Flasks are in accordance with test		
		1	methods for specific gravity tests such as	5	pc
			ASTM D854 and AASHTO T 100.		I.
			Flasks have a permanent graduation line		
			and a large white block for labeling. Each		
			flask is supplied with a plastic snap cap. Features:		
	05-0548-		Includes fitted snap cap		
	25 COE-		Optimal for specific gravity testing		
	CE		Compliant with ASTM E288 and E694		
			Included Items: Volumetric Lab Flask (100		
			mL)		
			Plastic Snap Cap		
			250ML VOLUMETRIC LAB		
			FLASK		
			made of borosilicate glass		
			featuring a heavy-beaded		
			machine-blown body, and a thick-		
			walled neck. They are calibrated to		
		2	contain the indicated volume at	5	pc
		_	68°F (20°C).		r-
			Features:		
				1	
			Includes fitted snap cap		
			Includes fitted snap cap Optimal for specific gravity testing		

			1	1
	Volumetric Lab Flask (250 mL)			
	Plastic Snap Cap 500ML VOLUMETRIC LAB			
3	SOOML VOLUMETRIC LAB FLASK made of borosilicate glass featuring a heavy-beaded machine-blown body, and a thick- walled neck. They are calibrated to contain the indicated volume at 68°F (20°C). Features: Includes fitted snap cap Optimal for specific gravity testing Compliant with ASTM E288 and E694	5	рс	
	Included Items: Volumetric Lab Flask (500 mL) Plastic Snap Cap 1000ML VOLUMETRIC LAB FLASK made of borosilicate glass			
4	featuring a heavy-beaded machine-blown body, and a thick-walled neck. They are calibrated to contain the indicated volume at 68°F (20°C). Features: Includes fitted snap cap Optimal for specific gravity testing Compliant with ASTM E288 and E694 Included Items: Volumetric Lab Flask (1000 mL) Plastic Snap Cap	5	рс	
5	100MLGLASSGRADUATEDCYLINDERmade of durable borosilicateglass with etched single scalegraduationseverypraduationseveryfunctionfunctionnumbered top to bottom.numbered top to bottom.rease of use.Sold in packages of one.Features:Pour spoutEtched numbered graduationsIncluded Items:100ml Glass Graduated Cylinder	5	рс	
6	250ML GLASS GRADUATED CYLINDER made of durable borosilicate glass with etched single scale graduations every 5ml numbered top to bottom. The cylinder has a large base for stability and a pour spout for ease of use. Sold in packages of one. Features: Pour spout Etched numbered graduations Included Items: 250ml Glass Graduated Cylinder	5	рс	

				,	
11			500ML GLASS GRADUATED		
			CYLINDER		
			made of durable borosilicate		
			glass with etched single scale		
			graduations every 5ml		
			numbered top to bottom. The		
		7	cylinder has a large base for	5	nc
		/	stability and a pour spout for	5	pc
			ease of use. Sold in packages of one.		
			Features:		
			Pour spout		
			Etched numbered graduations		
			Included Items:		
	_		500ml Glass Graduated Cylinder		
	Γ		1000ML GLASS GRADUATED		
			CYLINDER		
			made of durable borosilicate		
			glass with etched single		
			scale graduations every 5ml		
			numbered top to bottom.		
			The cylinder has a large		
		8	base for stability and a pour	5	pc
		0	spout for ease of use. Sold in packages of	5	P
			one		
			Features:		
			Pour spout		
			Etched numbered graduations		
			Included Items:		
			1000ml Glass Graduated Cylinder		
3 CH	EMICAL	LAR	ORATORY INSTRUMENTS & APPAI	RATI	S
	PR No.				
	KINO.	Hem	Description	Otv	Unit
	K NO.	Item No.	Description	Qty	Unit
	r no.	No.	-		
	r no.		ANALYTICAL BALANCE	Qty 2	Unit set
	rk NO.		ANALYTICAL BALANCE Specifications: The		
	-K NO.		ANALYTICAL BALANCE Specifications: The readability is 0.001g with		
	K NO.		ANALYTICAL BALANCE Specifications: The readability is 0.001g with maximum range of up to		
	K NO.		ANALYTICAL BALANCE Specifications: The readability is 0.001g with		
	r no.		ANALYTICAL BALANCE Specifications: The readability is 0.001g with maximum range of up to 500g and the error range is		
	K NO.		ANALYTICAL BALANCE Specifications: The readability is 0.001g with maximum range of up to 500g and the error range is ± 0.003g. Material is		
	K NO.	No.	ANALYTICAL BALANCE Specifications: The readability is 0.001g with maximum range of up to 500g and the error range is ± 0.003g. Material is glass, acrylonitrile		
	K NO.		ANALYTICAL BALANCE Specifications: The readability is 0.001g with maximum range of up to 500g and the error range is \pm 0.003g. Material is glass, acrylonitrile butadiene styrene with		
	K NO.	No.	ANALYTICAL BALANCE Specifications: The readability is 0.001g with maximum range of up to 500g and the error range is ± 0.003g. Material is glass, acrylonitrile butadiene styrene with ABS light base and		
	K NO.	No.	ANALYTICAL BALANCE Specifications: The readability is 0.001g with maximum range of up to 500g and the error range is ± 0.003g. Material is glass, acrylonitrile butadiene styrene with ABS light base and reinforced body. Air guard: 5 pieces of anti-		
	K NO.	No.	ANALYTICAL BALANCE Specifications: The readability is 0.001g with maximum range of up to 500g and the error range is ± 0.003g. Material is glass, acrylonitrile butadiene styrene with ABS light base and		
	K NO.	No.	ANALYTICAL BALANCE Specifications: The readability is 0.001g with maximum range of up to 500g and the error range is ± 0.003g. Material is glass, acrylonitrile butadiene styrene with ABS light base and reinforced body. Air guard: 5 pieces of anti- static coated glass easily disassembled		
		No.	ANALYTICAL BALANCE Specifications: The readability is 0.001g with maximum range of up to 500g and the error range is ± 0.003g. Material is glass, acrylonitrile butadiene styrene with ABS light base and reinforced body. Air guard: 5 pieces of anti- static coated glass easily disassembled without any tools. Fast-Settling Time.		
05	5-0548-	No.	ANALYTICAL BALANCE Specifications: The readability is 0.001g with maximum range of up to 500g and the error range is ± 0.003g. Material is glass, acrylonitrile butadiene styrene with ABS light base and reinforced body. Air guard: 5 pieces of anti- static coated glass easily disassembled without any tools. Fast-Settling Time. Built-in bubble-level and four feet -		
05	5-0548- 5 COE-	No.	ANALYTICAL BALANCE Specifications: The readability is 0.001g with maximum range of up to 500g and the error range is ± 0.003g. Material is glass, acrylonitrile butadiene styrene with ABS light base and reinforced body. Air guard: 5 pieces of anti- static coated glass easily disassembled without any tools. Fast-Settling Time. Built-in bubble-level and four feet - convenient for the operator to level the		
05	5-0548-	No.	ANALYTICAL BALANCE Specifications: The readability is 0.001g with maximum range of up to 500g and the error range is ± 0.003g. Material is glass, acrylonitrile butadiene styrene with ABS light base and reinforced body. Air guard: 5 pieces of anti- static coated glass easily disassembled without any tools. Fast-Settling Time. Built-in bubble-level and four feet - convenient for the operator to level the scale. Item weight is approx. 4.85 pounds.		
05	5-0548- 5 COE-	No.	ANALYTICAL BALANCE Specifications: The readability is 0.001g with maximum range of up to 500g and the error range is ± 0.003g. Material is glass, acrylonitrile butadiene styrene with ABS light base and reinforced body. Air guard: 5 pieces of anti- static coated glass easily disassembled without any tools. Fast-Settling Time. Built-in bubble-level and four feet - convenient for the operator to level the	2	set
05	5-0548- 5 COE-	No.	ANALYTICAL BALANCE Specifications: The readability is 0.001g with maximum range of up to 500g and the error range is ± 0.003g. Material is glass, acrylonitrile butadiene styrene with ABS light base and reinforced body. Air guard: 5 pieces of anti- static coated glass easily disassembled without any tools. Fast-Settling Time. Built-in bubble-level and four feet - convenient for the operator to level the scale. Item weight is approx. 4.85 pounds.		
05	5-0548- 5 COE-	No.	ANALYTICAL BALANCE Specifications: The readability is 0.001g with maximum range of up to 500g and the error range is ± 0.003g. Material is glass, acrylonitrile butadiene styrene with ABS light base and reinforced body. Air guard: 5 pieces of anti- static coated glass easily disassembled without any tools. Fast-Settling Time. Built-in bubble-level and four feet - convenient for the operator to level the scale. Item weight is approx. 4.85 pounds. MANOMETER Specifications: U-Tube	2	set
05	5-0548- 5 COE-	No.	ANALYTICAL BALANCE Specifications: The readability is 0.001g with maximum range of up to 500g and the error range is ± 0.003g. Material is glass, acrylonitrile butadiene styrene with ABS light base and reinforced body. Air guard: 5 pieces of anti- static coated glass easily disassembled without any tools. Fast-Settling Time. Built-in bubble-level and four feet - convenient for the operator to level the scale. Item weight is approx. 4.85 pounds. MANOMETER Specifications: U-Tube manometer is used for precision	2	set
05	5-0548- 5 COE-	No.	ANALYTICAL BALANCE Specifications: The readability is 0.001g with maximum range of up to 500g and the error range is ± 0.003g. Material is glass, acrylonitrile butadiene styrene with ABS light base and reinforced body. Air guard: 5 pieces of anti- static coated glass easily disassembled without any tools. Fast-Settling Time. Built-in bubble-level and four feet - convenient for the operator to level the scale. Item weight is approx. 4.85 pounds. MANOMETER Specifications: U-Tube manometer is used for precision measurement of pressure,	2	set
05	5-0548- 5 COE-	No.	ANALYTICAL BALANCE Specifications: The readability is 0.001g with maximum range of up to 500g and the error range is ± 0.003g. Material is glass, acrylonitrile butadiene styrene with ABS light base and reinforced body. Air guard: 5 pieces of anti- static coated glass easily disassembled without any tools. Fast-Settling Time. Built-in bubble-level and four feet - convenient for the operator to level the scale. Item weight is approx. 4.85 pounds. MANOMETER Specifications: U-Tube manometer is used for precision measurement of pressure, vacuum, differential pressure,	2	set
05	5-0548- 5 COE-	<u>No.</u> 1	ANALYTICAL BALANCE Specifications: The readability is 0.001g with maximum range of up to 500g and the error range is ± 0.003g. Material is glass, acrylonitrile butadiene styrene with ABS light base and reinforced body. Air guard: 5 pieces of anti- static coated glass easily disassembled without any tools. Fast-Settling Time. Built-in bubble-level and four feet - convenient for the operator to level the scale. Item weight is approx. 4.85 pounds. MANOMETER Specifications: U-Tube manometer is used for precision measurement of pressure,	2	set
05	5-0548- 5 COE-	No.	ANALYTICAL BALANCE Specifications: The readability is 0.001g with maximum range of up to 500g and the error range is ± 0.003g. Material is glass, acrylonitrile butadiene styrene with ABS light base and reinforced body. Air guard: 5 pieces of anti- static coated glass easily disassembled without any tools. Fast-Settling Time. Built-in bubble-level and four feet - convenient for the operator to level the scale. Item weight is approx. 4.85 pounds. MANOMETER Specifications: U-Tube manometer is used for precision measurement of pressure, vacuum, differential pressure, and flow measurement in plants	2	set
05	5-0548- 5 COE-	<u>No.</u> 1	ANALYTICAL BALANCE Specifications: The readability is 0.001g with maximum range of up to 500g and the error range is ± 0.003g. Material is glass, acrylonitrile butadiene styrene with ABS light base and reinforced body. Air guard: 5 pieces of anti- static coated glass easily disassembled without any tools. Fast-Settling Time. Built-in bubble-level and four feet - convenient for the operator to level the scale. Item weight is approx. 4.85 pounds. MANOMETER Specifications: U-Tube manometer is used for precision measurement of pressure, vacuum, differential pressure, and flow measurement in plants & labs where certain accuracy is	2	set
05	5-0548- 5 COE-	<u>No.</u> 1	ANALYTICAL BALANCE Specifications: The readability is 0.001g with maximum range of up to 500g and the error range is ± 0.003g. Material is glass, acrylonitrile butadiene styrene with ABS light base and reinforced body. Air guard: 5 pieces of anti- static coated glass easily disassembled without any tools. Fast-Settling Time. Built-in bubble-level and four feet - convenient for the operator to level the scale. Item weight is approx. 4.85 pounds. MANOMETER Specifications: U-Tube manometer is used for precision measurement of pressure, vacuum, differential pressure, and flow measurement in plants & labs where certain accuracy is required.	2	set
05	5-0548- 5 COE-	<u>No.</u> 1	ANALYTICAL BALANCE Specifications: The readability is 0.001g with maximum range of up to 500g and the error range is ± 0.003g. Material is glass, acrylonitrile butadiene styrene with ABS light base and reinforced body. Air guard: 5 pieces of anti- static coated glass easily disassembled without any tools. Fast-Settling Time. Built-in bubble-level and four feet - convenient for the operator to level the scale. Item weight is approx. 4.85 pounds. MANOMETER Specifications: U-Tube manometer is used for precision measurement of pressure, vacuum, differential pressure, and flow measurement in plants & labs where certain accuracy is required. Material of Construction: Metering Tube:	2	set
05	5-0548- 5 COE-	<u>No.</u> 1	ANALYTICAL BALANCE Specifications: The readability is 0.001g with maximum range of up to 500g and the error range is ± 0.003g. Material is glass, acrylonitrile butadiene styrene with ABS light base and reinforced body. Air guard: 5 pieces of anti- static coated glass easily disassembled without any tools. Fast-Settling Time. Built-in bubble-level and four feet - convenient for the operator to level the scale. Item weight is approx. 4.85 pounds. MANOMETER Specifications: U-Tube manometer is used for precision measurement of pressure, vacuum, differential pressure, and flow measurement in plants & labs where certain accuracy is required. Material of Construction: Metering Tube: Special uniform bare thick-walled	2	set
05	5-0548- 5 COE-	<u>No.</u> 1	ANALYTICAL BALANCE Specifications: The readability is 0.001g with maximum range of up to 500g and the error range is ± 0.003g. Material is glass, acrylonitrile butadiene styrene with ABS light base and reinforced body. Air guard: 5 pieces of anti- static coated glass easily disassembled without any tools. Fast-Settling Time. Built-in bubble-level and four feet - convenient for the operator to level the scale. Item weight is approx. 4.85 pounds. MANOMETER Specifications: U-Tube manometer is used for precision measurement of pressure, vacuum, differential pressure, and flow measurement in plants & labs where certain accuracy is required. Material of Construction: Metering Tube:	2	set

		Casing: M.S. /Aluminum Casing from three sides and aluminum cover with transparent acrylic front. U-Tube Manometer (Glass/Acrylic) Used for precision measurement of Pressure and Differential Pressure. Zero adjustment scale. Wall / Stand mounted. Measures up to 750mm of water PITOT TUBE Specifications: L Type 304 Stainless Steel Pitot Tube	3	sets	
	3	300mm / 11 13/16" Long x 110mm / 4 21/64" insert length, Diameter 6 mm / 15/64" Testing both Static and Total (Dynamic) Air Pressure Error range (K Factor): 1.001 to 0.998, +/- 0.1% 15/64 Barb Access Fitting with Digital Pressure Gauge to measure flow	1		
01-0157- 25 COE- CHE	4	DIGITAL TEMPERATURE CONTROL HEATING PLATE WITH MAGNETIC STIRRER: Specification: •High Performance microprocessor digital feedback control •Feedback control of the temperature on ceramic coated top plate •Max 350°C temperature and ±1°C control accuracy by PT sensor •Feedback control of speed and digital display •Included 99hr/59min digital timer •The set value storage functionate., rpm, and timer •Locking mode for experimental safety supported •Top Plate size: 11.8 x 11.8 inches •Heater: 1400Watts •Temp Range: Max 350°C •Timer: Digital, 99hr/59min •Stirring capacity: up to 15L •Stirring speed: 100-1300rpm •Control: Microprocessor feedback and digital display •Electric power: 220V, 60hz •Dimension: 310W x 430D x 120H (mm) •Weight: 7kg	1	unit	

	Rotary Evaporator complete	1	unit	
	set:			
	Specification:			
	•Visual Display of rotating			
	speed, temperature of water			
	bath and vapor			
	•PTFE sealing method is			
	adopted for glass contacted			
	area			
	•Easy for washing and removal of viscous			
	material with evaporating flask of 100mm			
-	dia.			
5	•Rotational range: 20 – 280RPM.			
	•Heater: 1000W			
	•Bath Material: Stainless steel (SUS#304)			
	•Capacity: 4.3 Liter			
	•Bath size: Ø245x120L(mm)			
	•Evaporating Capacity: 50 – 3000ml			
	•Temp. range: Amb. to 180°C			
	•Controller & display: Digital speed control			
	& digital LED rpm display			
	•Safety device: Over temp. limiter, over			
	current protection			
	A			
	•Included Water Bath, 1 liter glass set, and			
	Vacuum Pump Chemical Resistant			
	WATER & WASTEWATER	1	unit	
	MULTIPARAMETER (WITH COD)			
	PHOTOMETER AND PH METER:			
	Specification:			
	•Allows			
	measurement of			
	COD, Total			
	Nitrogen and Total			
	Phosphorus			
	•Wavelength Accuracy $\pm 1 \text{ nm}$			
	•Light Source 5 LEDs with 420 nm, 466			
	nm, 525 nm, 575 nm, and 610 nm narrow			
	band interference filters			
	•Spectral bandwidth 8 nm			
	•Input Channels 1 pH electrode input and 5			
	photometer wavelengths			
	•pH Electrode digital pH electrode			
6	•Logging Type log on demand with user			
0	name and sample ID optional input			
	 Logging Memory 1000 readings 			
	•Connectivity USB-A host for flash drive;			
	micro-USB-B for power and computer			
	connectivity			
	•GLP calibration data for connected pH			
	electrode			
	•Display 128 x 64-pixel LCD with			
	backlight			
	•Battery Type / Life 3.7 VDC Li-polymer			
	rechargeable battery / >500 photometric			
	measurements or 50 hours of continuous			
	pH measurement			
	•Power Supply 5 VDC USB 2.0 power			
	adapter with USB-A to micro-USB-B cable			
	(included)			
	•Environment 0 to 50.0 °C (32 to 122.0 °F);			
1				
	0 to 95% RH, non-condensing			

		7	 Dimensions 206 x 177 x 97 mm (8.1 x 7.0 x 3.8") Weight 1.0 kg (2.2 lbs.) Photometer/Colorimeter Light Detector silicon photodetector Cuvette Type round, 24.6 mm Number of Methods 128 max. Supplied with sample cuvettes and caps (4 ea.), cloth for wiping cuvettes, USB to micro-USB cable connector, power adapter and instruction manual. LABORATORY ACID/BASE SAFETY CABINET: Specification: three in one - storage of flammable liquids and aggressive chemicals in one cabinet integrated air ducts - ready for connection to a technical exhaust system no authorized use: doors lockable with profile cylinder (integration in an existing locking system possible) / cylinder lock Light Grey (RAL 7035) wing doors with door open arrest system Dividing Wall 2 hermetically separated storage compartment All doors can be operated and locked separately Available in upright 	1	unit	
			Sizes: (exterior: W x D x H) mm			
			Upright: 1197 x 617 x 1969			
4	UNMANNE SURVEYIN		RVEY VESSEL (USV) FOR HYDR	UGR	арніс	
	PR No.	Item	Description	Qty	Unit	
		No.	-			
		1	 HYDROGRAPHIC SURVEY USV Portable platform, compact and lightweight for one-man operation, ready to Integrate survey GNSS payloads such as single beam echo sounder, RTK receiver, ADCP,etc Robust and durable hull crafted from carbon fiber composite Collision avoidance and real-time video streaming capabilities Effortlessly swappable battery pack with plug-and- convenience Differential control thrusters ensure exceptional maneuverability 	1	Set	

			a	
	THE SL20 GROUND CONTROL BASE	1	Set	
	STATION WITH SOFTWARE			
	The ground control base station software			
	consists of three (3) functional modules:			
	navigation monitoring module, hull			
	monitoring module and auxiliary monitoring			
	module. The Navigation Monitoring Module			
	is basic functional module for the interaction			
	between the ground control base station and			
	the unmanned boat, realizing the unmanned			
	boat's route mission planning, manual and			
	automatic control, video monitoring,			
	parameter configuration, navigation			
	playback, data chart analysis and other			
	functions; at the same time, it can display the			
	navigation environment SL20 USV, realize			
	the analysis and display of nautical charts,			
	radar, video and other sensor data, as well as			
	danger warnings, target identification and			
	other functions, and display collision			
	avoidance warnings, effectively ensuring			
	navigation safety and realizing effective			
	control of the USV. The Hull Monitoring			
	Module uses instruments and graphics to			
	simply, intuitively and vividly display the			
	operating status of each device and module			
	on the SL20 USV, record operation logs, and			
	use video to monitor the equipment placed in			
	Its cabin. It performs fault diagnosis based on			
	equipment alarm prompts, quickly locates			
	the problem, and provides fault analysis			
	reports and maintenance suggestions. The			
	Auxiliary Monitoring Module is used to			
	realize the display of auxiliary information			
	and auxiliary software control functions.			

	ECHO LOGGER, MODEL: ECT 400	1	Unit
	SINGLE BEAM ECHOSOUNDER		
	Acoustic frequency: 450khz		
	•Single beam echo sounder,		
	housing material: acetal		
	• Connector: SEACON		
	• Range $0.15 \text{ m} \sim 100 \text{ m} (450 \text{ kHz})$,		
	• Beam width 5° Conical (-3dB),		
	Range 0.15 m \sim 100 m (450 kHz),		
	• Beam width 5° Conical (-3dB),		
	• Water Column Resolution: appx. 7.5 mm		
	Altimeter Range Resolution: 1.0 mm		
	• Temperature Resolution: 0.1°C		
	• Digital Output Interface: RS-232, RS-485,		
	RS-422		
	• Communication Speed: 4,800~921,600		
	baud (115,200bauddefault)		
	• Data Output Format: ASCITXT,		
	NMEA0183		
	Configuration or Data Reading: Echo		
	logger		
	Control Program or any terminal program		
	• Operational Temperature: -10°C+50°C		
	• Power Supply: 8~75VDC, 2W max		
	• Dimension: D56 x L85		
	• Weight: 270g		
	Software compatibility:		
	Hypack, HydroMagic,		
	ReefMaster		
	SOUTH GALAXY G2 RTK RECEIVERS	2	Unit
	• No. of Channels: 1590	2	Om
	• GPS: L1, L1C, L2C, L2P, LS		
	• GLONASS: G1, G2, G3		
	• BDS: BDS-2: B11, B21, B31, BDS-3: B11,		
	B31, B1C, B2a, B2b		
	• GALILEO: E1, ESA, ESB, E6C, Alt BOC		
	BEIDOU: B11, B21, B31, B11, B31, B1C,		
	B2A, B28 • Positioning Output Rate: 1H2 ~		
	20Hz		
	• Initialization Time: < 10s		
	HYDROMAGIC, HYDROGRAPHIC		
	SOFTWARE		
	• Perpetual license with 1-yr subscription		
	• Hydrographic software for single beam		
	echo sounder data collection and mapping,		
	computer-bound license		
	•Supported System: Single beam		
	echosounder, Side scan sonar, Sub-bottom		
	profiler		
		1	Unit
	• i7 Processor or equivalent	_	
	• 16GB RAM		
	• 1TB SSD Testing and Training:		
	• Comprehensive testing to ensure all		
	systems are fully operational.		
	• Operation video and Manual book will be		
	provided.		
	• On-site training for university staff and		
	researchers on the operation of SL20 USV.		
1.1		1	1
	240,000		



Section VIII. Checklist of Technical and Financial Documents

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; **and**

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; <u>and</u>
- (d) Original copy of Bid Security. If in the form of a Surety Bond, submit also a certification issued by the Insurance Commission <u>or</u> Original copy of Notarized Bid Securing Declaration; <u>and</u>
- (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) <u>and</u> 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 <u>or</u> duly notarized statements from all the potential joint venture partners stating that they will enter into and abide by the provisions of the JVA in the instance that the bid is successful.

II. FINANCIAL COMPONENT ENVELOPE

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

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

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

Section IX. Bidding Forms

ANNEX A

List of all Ongoing Government & Private Contracts including contracts awarded but not yet started

 Business Name
 :

 Business Address
 :

Name of Contract	Date of Contract	a. Owner's Name b. Address c. Telephone Nos.	Contract Duration	Date of Delivery	Kinds of Goods	Amount of Contract	Value of Outstanding Contracts
GOVERNM	ENT						
PRIVATE							

Note:

State all ongoing 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.

- 1) Notice of Award or Contract
- 2) Notice to Proceed issued by the owner (in the absence of Notice to Proceed (NTP), execute an affidavit that the bidder asserted all efforts in requesting the NTP. Indicate the circumstances and state the reasons. Attach letter of request as supporting documents).

:
(Printed Name and Signature)
·
:

ANNEX B

Statement of Single Largest Completed Contract (SLCC) Similar to the Contract to be Bid

 Business Name
 :

 Business Address
 :

Name of Contract	Date of Contract	d. Owner's Name e. Address f. Telephone Nos.	Contract Duration	Kinds of Goods	Amount of Completed Contract

Note: This statement shall be supported with:

- 1) Notice of Award or Contract
- 2) Notice to Proceed issued by the owner (in the absence of Notice to Proceed (NTP), execute an affidavit that the bidder asserted all efforts in requesting the NTP. Indicate the circumstances and state the reasons. Attach letter of request as supporting documents).
- 3) Certificate of End-users Acceptance or Official Receipt/s or Sales Invoice.

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

ANNEX C

Bid Securing Declaration Form

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

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

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

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

I/We, the undersigned, declare that:

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

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

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

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

ANNEX D

Omnibus Sworn Statement (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, Procurement Agent if engaged, 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, Procurement Agent if engaged, 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, Procurement Agent if engaged, members of the Bids and Awards Committee (BAC), the Technical Working Group, and the BAC Secretariat, the head of the Project Management Office or the end-user unit, and the project consultants by consanguinity or affinity up to the third civil degree;

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

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

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

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

ANNEX E

FORMAT OF JOINT VENTURE AGREEMENT (JVA)

KNOW ALL MEN BY THESE PRESENTS:

That this JOINT VENTURE AGREEMENT is entered into by and between:

(*Name of Company*), a corporation duly organized and registered under Philippine law, with principal office address at (*address*), and represented herein by (*Position*), (*Name*)

-and-

(*Name of Company*), a corporation duly organized and registered under Philippine law, with principal office address at (*address*), and represented herein by (*Position*), (*Name*)

That the above parties are duly authorized by their respective corporations to enter into and bind their respective corporations to a Joint Venture Agreement, pursuant to a valid Board Resolution issued by their respective Board of Directors/Trustees.

That all parties agree to join together their manpower, equipment, and what is needed to establish a project-specific Joint Venture for the purpose of bidding, and if successful, undertaking of the hereunder stated project of the NATIONAL ECONOMIC AND DEVELOPMENT AUTHORITY (NEDA).

NAME OF PROJECT	ABC

That both parties agree to be jointly and severally liable for the entire assignment.

That both parties agree that <u>(Name of Company)</u> shall act as the lead organization and <u>(Name of Company)</u> as partner organization; and <u>(Name of Company)</u>, as the lead organization, will oversee the administration and content of the eligibility and proposal submissions, coordinate with NEDA on any matter that needs attending to, and implement the project in the event that the joint venture wins the bid.

That both parties agree that <u>(Name)</u>, <u>(Position)</u>, of <u>(Name of Company)</u>, shall be the Official Representative of the Joint Venture, and is granted full power and authority to do, to execute, and perform any and all acts necessary, and/or to represent the Joint Venture in the entire bidding and implementation process, as fully and effectively as the Joint Venture may do so as if personally present, without prejudice to the authority of the Joint Venture partners to exercise their power of substitution and revocation.

That this Joint Venture Agreement shall remain in effect only for the above stated Project until terminated by both parties or in the event of an unsuccessful bidding.

In witness thereof, we have hereunto affixed our signatures this ______ day of ______ 2024 at ______.

(Name of Company) by: (*Name of Company*) by:

(Name) (Position)

(Name) (Position)

WITNESSES:

(Signature of Witness) (Name of Witness) (Signature of Witness) (Name of Witness)

Address:

Address

ACKNOWLEDGEMENT

BEFORE ME, a Notary Public for and in the (City/Province/Municipality) of ______ this day of ______ 2021, personally appeared:

NAME	ID PRESENTED/ EXPIRATION	PLACE OF ISSUE

known to me and to me known to be the same persons who executed the foregoing instrument which they acknowledged to me to be their free and voluntary act and deed, consisting of page/s, including this page in which this Acknowledgement is written, duly signed by them and their instrumental witnesses on each and every page hereof.

Doc. No	
Page No	
Book No	
Series of	

ANNEX F

Bid Form for the Procurement of Goods

[shall be submitted with the Bid]

BID FORM

Date: _____ Project Identification No.:

To: [name and address of Procuring Entity]

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

If our Bid is accepted, we undertake:

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

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

Commissions or gratuities, if any, paid or to be paid by us to agents relating to this Bid, and to contract execution if we are awarded the contract, are listed below:

Name and address of agent	Amount and Currency	Purpose of Commission or gratuity
(if none, state "None")		

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

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

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

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

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

Name:	
Legal capacity:	
Signature:	
Duly authorized to sign the Bid for and behalf of:	
Date:	

ANNEX G

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:

ANNEX H

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:

