

REPUBLIC OF THE PHILIPPINES  
SUGAR REGULATORY ADMINISTRATION  
NORTH AVENUE, DILIMAN, QUEZON CITY

# PHILIPPINE BIDDING DOCUMENTS

(As Harmonized with Development Partners)

**SUPPLY OF LABOR AND MATERIALS FOR THE PROJECT "RENOVATION OF  
LAREC SOILS LABORATORY" AT SRA-LAREC, FLORIDABLANCA,  
PAMPANGA**

**November 13, 2023, 09:30 AM  
SRA Social Hall,  
Sugar Regulatory Administration  
North Avenue, Diliman, Quezon City**

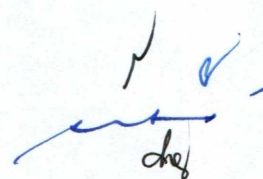
OFFICE OF THE MANAGER III	
PLANNING, POLICY & SPECIAL PROJECTS DEPARTMENT (PPSPD)	
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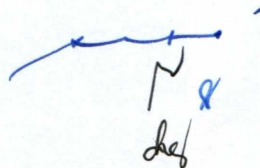
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# *Glossary of Terms, Abbreviations, and Acronyms*

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

**ARCC** – Allowable Range of Contract Cost.

**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.

**CDA** – Cooperative Development Authority.

**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])

**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.

**Contractor** – is a natural or juridical entity whose proposal was accepted by the Procuring Entity and to whom the Contract to execute the Work was awarded. Contractor as used in these Bidding Documents may likewise refer to a supplier, distributor, manufacturer, or consultant.

**CPI** – Consumer Price Index.

**DOLE** – Department of Labor and Employment.

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

**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]).

**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.

**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.

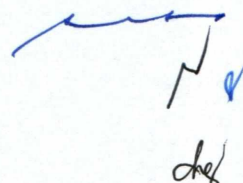
**PCAB** – Philippine Contractors Accreditation Board.

**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.

**UN** – United Nations.

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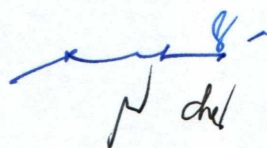
# ***Section I. Invitation to Bid***

SUGAR REGULATORY ADMINISTRATION  
North Avenue, Diliman, Quezon City

## **INVITATION TO BID**

### **SUPPLY OF LABOR AND MATERIALS FOR THE PROJECT “RENOVATION OF LAREC SOILS LABORATORY” AT SRA-LAREC, FLORIDABLANCA, PAMPANGA**

1. The **Sugar Regulatory Administration (SRA)**, through the **Corporate Operating Budget (COB)- SIDA Fund** intends to apply the sum of **Six Million Five Hundred Seventy-Three Thousand Pesos (Php 6,573,000.00)** being the Approved Budget for the Contract (ABC) to payments under the contract for the **Supply of Labor and Materials for the project “Renovation of LAREC Soils Laboratory” for the Sugar Regulatory Administration**. Bids received in excess of the ABC shall be automatically rejected at bid opening.
2. The **Sugar Regulatory Administration (SRA)** now invites bids for the above Procurement Project. Completion of the Works is required **within 120 calendar days from receipt of the Contract and Notice to Proceed**. Bidders should have completed 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 non-discretionary “*pass/fail*” criterion as specified in the 2016 revised Implementing Rules and Regulations (IRR) of Republic Act (RA) No. 9184.
4. Interested bidders may obtain further information from **BAC Secretariat, Sugar Regulatory Administration (SRA)** and inspect the Bidding Documents at the address given below from **8:00 AM – 5:00 PM**.
5. A complete set of Bidding Documents may be acquired by interested bidders on **October 18, 2023, to November 13, 2023** from given address and website/s 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 **Php10,000.00**. The Procuring Entity shall allow the bidder to present its proof of payment for the fees, the manner will be presented in person or electronic means.
6. The Sugar Regulatory Administration (SRA) will hold a Pre-Bid Conference on **October 26, 2023, 9:30 AM** at **SRA Social Hall, Sugar Regulatory Administration, North Avenue, Diliman, Quezon City** and/or through videoconferencing/webcasting *via zoom*, which shall be open to prospective bidders.
7. Bids must be duly received by the BAC Secretariat through manual submission at the office address as indicated below, or both on or before **November 13, 2023, 09:30 AM**. Late bids shall not be accepted.

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8. All bids must be accompanied by a bid security in any of the acceptable forms and in the amount stated in **ITB** Clause 16.
9. Bid opening shall be on **November 13, 2023, 09:30 AM** at **SRA Social Hall, Sugar Regulatory Administration, North Avenue, Diliman, Quezon City** and/or through videoconferencing/webcasting *via zoom*. Bids will be opened in the presence of the bidders' representatives who choose to attend the activity.
10. No bidder shall "Deal Secretly" or give commission to any SRA Officers/Employees pursuant to SRA Memorandum dated September 8, 2016. Violation of the restriction shall be a ground for disqualification.
11. The **Sugar Regulatory Administration (SRA)** 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 Implementing Rules and Regulations (IRR) of RA No. 9184, without thereby incurring any liability to the affected bidder or bidders.
12. For further information, please refer to:

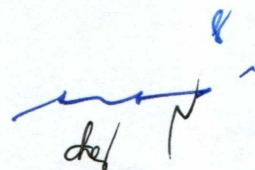
**Ms. Jenny Lou R. Flores**  
*Head, BAC Secretariat*  
*Sugar Regulatory Administration (SRA)*  
*North Avenue, Diliman, Quezon City*  
*Telephone No. (02) 8926-64-71*  
*Email Address: [sra.bac@sra.gov.ph](mailto:sra.bac@sra.gov.ph)*

13. You may visit the following websites:

For downloading of Bidding Documents: *www.sra.gov.ph*

*October 18, 2023*

**ATTY. RONALD E. RIMANDO**  
Chairperson, Bids and Awards Committee





## ***Section II. Instructions to Bidders***

### **1. Scope of Bid**

The Procuring Entity, **Sugar Regulatory Administration (SRA)** invites Bids for the **Supply of Labor and Materials for the project “Renovation of LAREC Soils Laboratory” for the Sugar Regulatory Administration**, with Project Identification Number [*srainfra23-002*].

The Procurement Project (referred to herein as “Project”) is for the construction of Works, as described in Section VI (Specifications).

### **2. Funding Information**

The source of funding is through the **COB-SIDA Budget** in the amount of **Six Million Five Hundred Seventy-Three Thousand Pesos (Php 6,573,000.00)**.

### **3. Bidding Requirements**

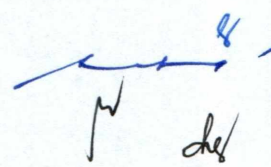
The Bidding for the Project shall be governed by all the provisions of RA No. 9184 and its 2016 revised IRR, including its Generic Procurement Manual and associated policies, rules and regulations as the primary source thereof, while the herein clauses shall serve as the secondary source thereof.

Any amendments made to the IRR and other GPPB issuances shall be applicable only to the ongoing posting, advertisement, or invitation to bid 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 inspected the site, determined the general characteristics of the contracted Works and the conditions for this Project, such as the location and the nature of the work; (b) climatic conditions; (c) transportation facilities; (c) nature and condition of the terrain, geological conditions at the site communication facilities, requirements, location and availability of construction aggregates and other materials, labor, water, electric power and access roads; and (d) 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, Coercive, and Obstructive Practices**

The Procuring Entity, as well as the Bidders and Contractors, 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. The Bidder must have an experience of having completed a Single Largest Completed Contract (SLCC) that is similar to this Project, equivalent to at least fifty percent (50%) of the ABC adjusted, if necessary, by the Bidder to current prices using the PSA's CPI, except under conditions provided for in Section 23.4.2.4 of the 2016 revised IRR of RA No. 9184.

A contract is considered to be "similar" to the contract to be bid if it has the major categories of work stated in the **BDS**.

- 5.3. For Foreign-funded Procurement, the Procuring Entity and the foreign government/foreign or international financing institution may agree on another track record requirement, as specified in the Bidding Document prepared for this purpose.
- 5.4. The Bidders shall comply with the eligibility criteria under Section 23.4.2 of the 2016 IRR of RA No. 9184.

## 6. Origin of Associated 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.

## 7. Subcontracts

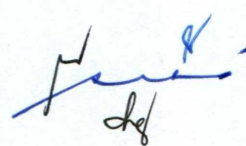
- 7.1. The Bidder may subcontract portions of the Project to the extent allowed by the Procuring Entity as stated herein, but in no case more than fifty percent (50%) of the Project.

The Procuring Entity has prescribed that:  
[Select one, delete other/s]

- a. Subcontracting is not allowed.

- 7.1. *[If Procuring Entity has determined that subcontracting is allowed during the bidding, state:]* The Bidder must submit together with its Bid the documentary requirements of the subcontractor(s) complying with the eligibility criterial stated in **ITB** Clause 5 in accordance with Section 23.4 of the 2016 revised IRR of RA No. 9184 pursuant to Section 23.1 thereof.

- 7.2. *[If subcontracting is allowed during the contract implementation stage, state:]* The Supplier may identify its subcontractor during the contract implementation stage. Subcontractors identified during the bidding may be changed during the implementation of this Contract. Subcontractors must submit the documentary requirements under Section 23.1 of the 2016 revised IRR of RA No. 9184 and



comply with the eligibility criteria specified in **ITB** Clause 5 to the implementing or end-user unit.

- 7.3. Subcontracting of any portion of the Project does not relieve the Contractor of any liability or obligation under the Contract. The Supplier will be responsible for the acts, defaults, and negligence of any subcontractor, its agents, servants, or workmen as fully as if these were the Contractor's own acts, defaults, or negligence, or those of its agents, servants, or workmen.

## **8. Pre-Bid Conference**

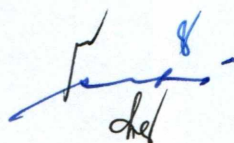
The Procuring Entity will hold a pre-bid conference for this Project on the specified date and time and either at its physical address *{[insert if applicable]}* and/or through videoconferencing/webcasting} as indicated in paragraph 6 of the **IB**.

## **9. Clarification and Amendment of Bidding Documents**

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

## **10. Documents Comprising the Bid: Eligibility and Technical Components**

- 10.1. The first envelope shall contain the eligibility and technical documents of the Bid as specified in **Section IX. Checklist of Technical and Financial Documents**.
- 10.2. 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. 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.
- 10.3. A valid PCAB License is required, and in case of joint ventures, a valid special PCAB License, and registration for the type and cost of the contract for this Project. Any additional type of Contractor license or permit shall be indicated in the **BDS**.
- 10.4. A List of Contractor's key personnel (e.g., Project Manager, Project Engineers, Materials Engineers, and Foremen) assigned to the contract to be bid, with their complete qualification and experience data shall be provided. These key personnel must meet the required minimum years of experience set in the **BDS**.



- 10.5. A List of Contractor's major equipment units, which are owned, leased, and/or under purchase agreements, supported by proof of ownership, certification of availability of equipment from the equipment lessor/vendor for the duration of the project, as the case may be, must meet the minimum requirements for the contract set in the **BDS**.

## **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 IX. Checklist of Technical and Financial Documents**.
- 11.2. Any bid exceeding the ABC indicated in paragraph 1 of the **IB** shall not be accepted.
- 11.3. 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. Alternative Bids**

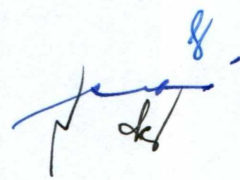
Bidders shall submit offers that comply with the requirements of the Bidding Documents, including the basic technical design as indicated in the drawings and specifications. Unless there is a value engineering clause in the **BDS**, alternative Bids shall not be accepted.

## **13. Bid Prices**

All bid prices for the given scope of work in the Project as awarded shall be considered as fixed prices, and therefore not subject to price escalation during contract implementation, except under extraordinary circumstances as determined by the NEDA and approved by the GPPB pursuant to the revised Guidelines for Contract Price Escalation guidelines.

## **14. Bid and Payment Currencies**

- 14.1. 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.
- 14.2. *Payment of the contract price shall be made in:*
- a. Philippine Pesos.



## 15. Bid Security

- 15.1. The Bidder shall submit a Bid Securing Declaration 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**.
- 15.2. The Bid and bid security shall be valid until *[indicate date]*. Any bid not accompanied by an acceptable bid security shall be rejected by the Procuring Entity as non-responsive.

## 16. Sealing and Marking of Bids

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

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

If the Procuring Entity allows the submission of bids through online submission to the given website 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.

## 17. Deadline for Submission of Bids

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

## 18. Opening and Preliminary Examination of Bids

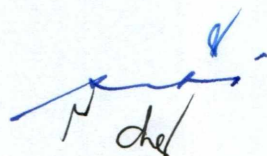
- 18.1. The BAC shall open the Bids in public at the time, on the date, and at the place specified in paragraph 9 of the **IB**. The Bidders' representatives who are present shall sign a register evidencing their attendance. In case videoconferencing, webcasting or other similar technologies will be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

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

## 19. Detailed Evaluation and Comparison of Bids

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



- 19.2. If the Project allows partial bids, all Bids and combinations of Bids as indicated in the **BDS** shall be received by the same deadline and opened and evaluated simultaneously so as to determine the Bid or combination of Bids offering the lowest calculated cost to the Procuring Entity. Bid Security as required by **ITB** Clause 16 shall be submitted for each contract (lot) separately.
- 19.3. In all cases, the NFCC computation pursuant to Section 23.4.2.6 of the 2016 revised IRR of RA No. 9184 must be sufficient for the total of the ABCs for all the lots participated in by the prospective Bidder.

## **20. Post Qualification**

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**

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	
5.2	For this purpose, contracts similar to the Project refer to contracts which have the same major categories of work, which shall be: <b>Construction of vertical structure/building.</b>
10.3	<b>Philippine Contractors Accreditation Board (PCAB)</b> <b>License Category - C &amp; D</b> <b>Size Range – Small B</b>
10.4	The key personnel must meet the required minimum years of experience set below: <u>Key Personnel</u> <u>General Experience</u> <u>Relevant Experience</u>  <b>Project Manager, Project/Site Engineer, Materials Engineer, Safety Officer, Construction Foreman, Skilled Workers</b>  <b>With at least 3 years work experience in building construction.</b>
10.5	The minimum major equipment requirements are the following: <u>Equipment</u> <u>Capacity</u> <u>Number of Units</u>  <b>Power Tools, Welding Machine, Oxy Acetylene with cutting outfit, Jack Hammer, Steel Scaffolding and any other equipment needed to complete/finish the project.</b>
15.1	The bid security shall be in the form of a Bid Securing Declaration or any of the following forms and amounts: a. The amount of not less than <b>Php 131,460.00</b> , [equivalent to two percent (2%) of ABC] if bid security is in cash, cashier's/manager's check, bank draft/guarantee or irrevocable letter of credit;  b. The amount of not less than <b>Php 328,650.00</b> , [amount equivalent to five percent (5%) of ABC] if bid security is in Surety Bond.
20	<i>Building Permit, Environmental Compliance Certificate and other Local Government Unit requirement, Certification that the project site is not within a geohazard zone, etc.]</i>
21	Additional contract documents relevant to the Project that may be required by existing laws and/or the Procuring Entity, such as <b>construction schedule, bar chart and S-curve, manpower schedule, construction methods/program of works, equipment utilization schedule, construction safety and health program approved by the DOLE, and PERT/CPM or other acceptable tools of project scheduling.</b>

## ***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.

### **2. Sectional Completion of Works**

If sectional completion is specified in the **Special Conditions of Contract (SCC)**, references in the Conditions of Contract to the Works, the Completion Date, and the Intended Completion Date shall apply to any Section of the Works (other than references to the Completion Date and Intended Completion Date for the whole of the Works).

### **3. Possession of Site**

4.1. The Procuring Entity shall give possession of all or parts of the Site to the Contractor based on the schedule of delivery indicated in the **SCC**, which corresponds to the execution of the Works. If the Contractor suffers delay or incurs cost from failure on the part of the Procuring Entity to give possession in accordance with the terms of this clause, the Procuring Entity's Representative shall give the Contractor a Contract Time Extension and certify such sum as fair to cover the cost incurred, which sum shall be paid by Procuring Entity.

4.2. If possession of a portion is not given by the above date, the Procuring Entity will be deemed to have delayed the start of the relevant activities. The resulting adjustments in contract time to address such delay may be addressed through contract extension provided under Annex "E" of the 2016 revised IRR of RA No. 9184.

### **4. The Contractor's Obligations**

The Contractor shall employ the key personnel named in the Schedule of Key Personnel indicating their designation, in accordance with **ITB** Clause 10.3 and specified in the **BDS**, to carry out the supervision of the Works.



The Procuring Entity will approve any proposed replacement of key personnel only if their relevant qualifications and abilities are equal to or better than those of the personnel listed in the Schedule.

## 5. Performance Security

- 5.1. Within ten (10) calendar days from receipt of the Notice of Award from the Procuring Entity but in no case later than the signing of the contract by both parties, the successful Bidder shall furnish the performance security in any of the forms prescribed in Section 39 of the 2016 revised IRR.
- 5.2. The Contractor, by entering into the Contract with the Procuring Entity, acknowledges the right of the Procuring Entity to institute action pursuant to RA No. 3688 against any subcontractor be they an individual, firm, partnership, corporation, or association supplying the Contractor with labor, materials and/or equipment for the performance of this Contract.

## 6. Site Investigation Reports

The Contractor, in preparing the Bid, shall rely on any Site Investigation Reports referred to in the SCC supplemented by any information obtained by the Contractor.

## 7. Warranty

- 7.1. In case the Contractor fails to undertake the repair works under Section 62.2.2 of the 2016 revised IRR, the Procuring Entity shall forfeit its performance security, subject its property(ies) to attachment or garnishment proceedings, and perpetually disqualify it from participating in any public bidding. All payables of the GOP in his favor shall be offset to recover the costs.
- 7.2. The warranty against Structural Defects/Failures, except that occasioned-on force majeure, shall cover the period from the date of issuance of the Certificate of Final Acceptance by the Procuring Entity. Specific duration of the warranty is found in the SCC.

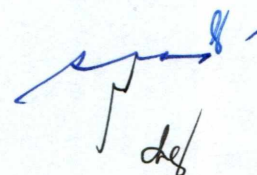
## 8. Liability of the Contractor

Subject to additional provisions, if any, set forth in the SCC, the Contractor's liability under this Contract shall be as provided by the laws of the Republic of the Philippines.

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

## 9. Termination for Other Causes

Contract termination shall be initiated in case it is determined *prima facie* by the Procuring Entity that the Contractor has engaged, before, or during the implementation of the contract, in unlawful deeds and behaviors relative to contract acquisition and implementation, such as, but not limited to corrupt, fraudulent, collusive, coercive, and obstructive practices as stated in ITB Clause 4.



## **10. Dayworks**

Subject to the guidelines on Variation Order in Annex "E" of the 2016 revised IRR of RA No. 9184, and if applicable as indicated in the SCC, the Dayworks rates in the Contractor's Bid shall be used for small additional amounts of work only when the Procuring Entity's Representative has given written instructions in advance for additional work to be paid for in that way.

## **11. Program of Work**

11.1. The Contractor shall submit to the Procuring Entity's Representative for approval the said Program of Work showing the general methods, arrangements, order, and timing for all the activities in the Works. The submissions of the Program of Work are indicated in the SCC.

11.2. The Contractor shall submit to the Procuring Entity's Representative for approval an updated Program of Work at intervals no longer than the period stated in the SCC. If the Contractor does not submit an updated Program of Work within this period, the Procuring Entity's Representative may withhold the amount stated in the SCC from the next payment certificate and continue to withhold this amount until the next payment after the date on which the overdue Program of Work has been submitted.

## **12. Instructions, Inspections and Audits**

The Contractor shall permit the GOP or the Procuring Entity to inspect the Contractor's accounts and records relating to the performance of the Contractor and to have them audited by auditors of the GOP or the Procuring Entity, as may be required.

## **13. Advance Payment**

The Procuring Entity shall, upon a written request of the Contractor which shall be submitted as a Contract document, make an advance payment to the Contractor in an amount not exceeding fifteen percent (15%) of the total contract price, to be made in lump sum, or at the most two installments according to a schedule specified in the SCC, subject to the requirements in Annex "E" of the 2016 revised IRR of RA No. 9184.

## **14. Progress Payments**

The Contractor may submit a request for payment for Work accomplished. Such requests for payment shall be verified and certified by the Procuring Entity's Representative/Project Engineer. Except as otherwise stipulated in the SCC, materials and equipment delivered on the site but not completely put in place shall not be included for payment.

## **15. Operating and Maintenance Manuals**

- 15.1. If required, the Contractor will provide "as built" Drawings and/or operating and maintenance manuals as specified in the SCC.
- 15.2. If the Contractor does not provide the Drawings and/or manuals by the dates stated above, or they do not receive the Procuring Entity's Representative's approval, the Procuring Entity's Representative may withhold the amount stated in the SCC from payments due to the Contractor.

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## *Section V. Special Conditions of Contract*

### **Special Conditions of Contract**

GCC Clause	
2	<i>[If different dates are specified for completion of the Works by section, i.e. "sectional completion," these dates should be listed here.]</i>
4.1	<i>[Specify the schedule of delivery of the possession of the site to the Contractor, whether full or in part.]</i> <b>Upon receipt of the Notice to Proceed</b>
6	The site investigation reports are: <i>[list here the required site investigation reports.]</i>
7.2	<i>[Select one, delete the other.]</i>  <i>[In case of permanent structures, such as buildings of types 4 and 5 as classified under the National Building Code of the Philippines and other structures made of steel, iron, or concrete which comply with relevant structural codes (e.g., DPWH Standard Specifications), such as, but not limited to, steel/concrete bridges, flyovers, aircraft movement areas, ports, dams, tunnels, filtration and treatment plants, sewerage systems, power plants, transmission and communication towers, railway system, and other similar permanent structures:]</i> Fifteen (15) years.  <i>[In case of semi-permanent structures, such as buildings of types 1, 2, and 3 as classified under the National Building Code of the Philippines, concrete/asphalt roads, concrete river control, drainage, irrigation lined canals, river landing, deep wells, rock causeway, pedestrian overpass, and other similar semi-permanent structures:]</i> Five (5) years.  <i>[In case of other structures, such as bailey and wooden bridges, shallow wells, spring developments, and other similar structures:]</i> Two (2) years.
10	<i>[Select one, delete the other:]</i> Dayworks are applicable at the rate shown in the Contractor's original Bid.
11.1	The Contractor shall submit the Program of Work to the Procuring Entity's Representative within <i>[insert number]</i> days of delivery of the Notice of Award.

11.2	The amount to be withheld for late submission of an updated Program of Work is <i>[insert amount]</i> .
13	The amount of the advance payment is <i>[insert amount as percentage of the contract price that shall not exceed 15% of the total contract price and schedule of payment]</i> . The amount of the advance payment is <b>15% of the contract price.</b>
14	<i>[If allowed by the Procuring Entity, state:]</i> <b>Materials delivered on the site but not completely put in place shall not be included for payment.</b>
15.1	The date by which operating and maintenance manuals are required is <i>[date]</i> .  The date by which “as built” drawings are required is <i>[date]</i> .
15.2	The amount to be withheld for failing to produce “as built” drawings and/or operating and maintenance manuals by the date required is <i>[amount in local currency]</i> .

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# *Section VI. Specifications*

PROJECT : RENOVATION OF LAREC SOILS LABORATORY

LOCATION : SRA-LAREC, Floridablanca, Pampanga

OWNER : SUGAR REGULATORY ADMINISTRATION

WORK DURATION : 120 Calendar days

PROJECT IMPLEMENTATION : By Contract

TOTAL PROJECT COST : Php. 6,573,000.00

## PART 1 GENERAL

### 1. PROJECT DESCRIPTION

The project pertains to the renovation of Luzon Agricultural Research and Extension Center's laboratories at the north wing of LAREC's building.

This package seeks to provide upgrading of the finishes, furniture, glazing and roofing as well as the MEPFS side of the project in accordance with the latest code.

Supporting Facilities include electrical service, water and sewage service, mechanical systems, drainage, information systems, and site improvements.

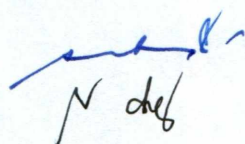
This project is further defined as the supply of materials and labor to construct all renovation and other upgrading as referenced herein to provide a fully functional and operating laboratory and office.

#### 1.1 LOCATION

The site location is located at SRA LAREC, Brgy. Paguiruan, Floridablanca, Pampanga.

#### 1.2 MAINTAIN CURRENT OPERATIONS

The Contractor's attention is drawn to the fact that LAREC will have ongoing operations at the time construction commence and ongoing. The Contractor shall be required to coordinate and develop a plan for office safety. The Contractor must coordinate with the LAREC's representative or coordinator on a daily basis throughout the construction period.

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## PART 2 EXECUTION OF WORK

In addition to work being executed in accordance with the Technical Requirements described in this package, all work must be coordinated with the LAREC's Engineer or Coordinator and to the End-User elements, either identified or not that may be impacted during this project. The Contractor shall be responsible for coordinating and completing all work under this contract within the performance period under this contract. LAREC will not be responsible for any lack of coordination and communication by the Contractor which results in delays.

### 2.1 SITE CLEANUP, DEMOLITION, AND GRADING:

The Contractor shall perform demolition at the site as required prior to commencement of new work. The Contractor shall remove and dispose of debris, and other construction waste materials to a location to be suggested by LAREC (or approved by Barangay or LGU).

### 2.2 CONTRACTOR MOBILIZATION AREA:

LAREC will designate a mobilization area or lay-down yard. The Contractor will have an opportunity to visit the site and will be given the location for its lay-down yard mobilization. Contractor will be permitted to mobilize. It is the Contractor's responsibility to ensure that adequate time is allotted for approval of these plans prior to mobilization.

### 2.3 USE OF LOCAL WORKFORCE, MATERIALS, AND EQUIPMENT:

The Contractor is encouraged to use local labor to the maximum extent possible commensurate with technical, security and other requirements and necessary considerations. The Contractor is encouraged to use locally produced materials and equipment to the extent that each can satisfy contract requirements, including all technical and other specifications.

### 2.4 INSTALLATION ACCESS AND SECURITY:

The Contractor shall comply with all compound security requirements. Detailed information on base access, security and installation badge procedures should be prepared by the contractor and must be approved by LAREC.

## PART 3 REQUIREMENTS

Aside from the specific trade to be implemented on the project, there are general requirements that needs to be implemented prior, subsequent and throughout the construction and is considered as pay items. Listed below is the brief description of the critical indirect items for this contract:



### 3.1 MOBILIZATION AND DEMOBILIZATION

All costs for procuring and transporting vehicle shall be included in the contract price for "Mobilization and Demobilization", and payment will be made in accordance with Mobilization and Demobilization payment item of the Proposal Schedule.

### 3.2 PERMITS AND CLEARANCES

It shall be the Contractor's responsibility to obtain such local authorizations, permits and licenses necessary to implement the project and establish haul routes.

### 3.3 BONDS AND INSURANCES

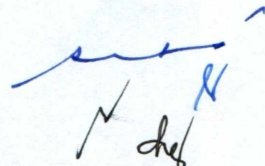
Considered also in the pay items are insurances and bonds that may be required by the government procurement law of the Philippines.

### 3.4 TEMPORARY FACILITIES

- 3.4.1 General - All facilities within the Contractor's mobilization area shall be of substantial construction suitable for the local weather conditions. Sanitary facilities shall meet the requirements of DOLE Safety and Health Requirements Manual
- 3.4.2 Administrative Field Offices - The Contractor may provide and maintain administrative field office facilities within the mobilization area at the designated site. Government office and warehouse facilities will not be available to the Contractor's personnel.
- 3.4.3 Storage Area - The Contractor shall construct a temporary of which design will be provided by the Contractor to be approved by LAREC. Trailers, materials, or equipment shall not be placed or stored outside the fenced area unless approved in writing by the Contracting Officer.
- 3.4.4 Security Provisions - Adequate outside security lighting shall be provided at the Contractor's temporary facilities. The Contractor shall be responsible for the security of its own facilities and equipment.
- 3.4.5 Sanitation
  - 3.4.5.1 Sanitary Facilities: The Contractor shall provide and maintain within the construction area minimum field-type sanitary facilities in accordance with the requirements of DOLE Safety and Health Requirements Manual and approved by the Contracting Officer. Government toilet facilities will not be available to Contractor's personnel.

### 3.5 OCCUPATIONAL SAFETY AND HEALTH

The facilities, systems, and equipment designed under this contract shall comply with the Occupational Safety and Health Act (OSHA). Any problems in incorporating these standards due to conflicts with other technical criteria shall be submitted to the Contracting Officer for resolution.



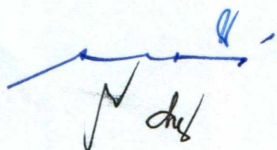


### 3.6 AS-BUILT DRAWINGS WITH SIGN AND SEAL

The as-built drawings shall be a record of the construction as installed. The drawings shall include the information shown on the contract drawings as well as deviations, modifications, and changes from the contract drawings, however minor. The as-built drawings shall be a full sized set of prints marked to reflect deviations, modifications, and changes. The as-built drawings shall be complete and show the location, size, dimensions, part identification, and other information. Additional sheets may be added. The as-built drawings shall be jointly inspected for accuracy and completeness by the Contractor's quality control representative and by the Contracting Officer prior to the submission of each monthly pay estimate. Upon completion of the work, provide three full sized sets of the marked prints to the Contracting Officer for approval.

If upon review, the as-built drawings are found to contain errors and/or omissions, they will be returned to the Contractor for correction. Correct and return the as-built drawings with sign and seal of the engineer-on-record to the Contracting Officer for approval within 10 calendar days from the time the drawings are returned to the Contractor.

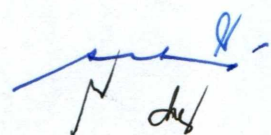
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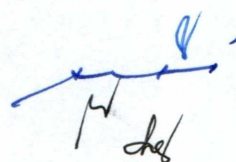
**Scope of Works:**

<b>I</b>	<b>ARCHITECTURAL WORKS</b>	
	<b>Demolition, Hauling &amp; Clearing</b>	
A	1.0	Cordoning and board ups for walls to be demolished and entry points
	2.0	Removing and disposing of debris, and other construction waste materials.
	<b>Walling and Partition with Finishes</b>	
B	1.0	New masonry wall using 100mm thk CHB reinforced with 10mmØ reinforcing bars and cement plastered on both sides
	2.0	New masonry wall using 150mm thk CHB reinforced with 10mmØ reinforcing bars and cement plastered on both sides
	3.0	New drywall using 6mm thk fiber cement board on metal framing
	<b>Wall Finishes</b>	
C	1.0	<p>Wood wallpaper: 80 * 2000 cm - Material is vinyl. Wood grain effect. The color is walnut, beech, maple, white oak, Burmese teak and acid branch.</p> <p>Specifications  Material: vinyl film  Size: 80x2000cm  Application procedure  Self-adhesive. No additional glue required.</p> <p>Make sure the surface is clean and smooth before installation, just cut, peel and stick according to the grid lines</p>

2.0	<p>Semi-gloss latex paint finish by: Boysen or approved equal.</p> <p>Scrape off all loose, scaling, flaking, and peeling paint manually or by using BOYSEN® Paint and Varnish Remover B-141, as necessary. Wash surfaces clean and completely remove chemical residue. Let it dry.</p> <p>For repainting concrete with chalky old paint, use BOYSEN® Chalk Blocker™ B-7304 as surface conditioner. In case of mildew infestation, treat with a bleach solution (1:3, laundry bleach to water, respectively) by swabbing or brushing.</p>
3.0	<p>Elastometric paint finish by: Boysen or approved equal</p> <p>For repainting concrete with chalky old paint, use BOYSEN® Chalk Blocker™ B-7304 as surface conditioner. In case of mildew infestation, treat with a bleach solution (1:3, laundry bleach to water, respectively) by swabbing or brushing. To ensure proper treatment, let stand for 24 hours before cleaning off residue. Let dry.</p>
4.0	<p>Concrete-like limewash paint by: Asveti paint or approved equal.</p> <ul style="list-style-type: none"> <li>- Limewash paint is a non-toxic type of paint that usually contains no synthetic compounds. It is known to absorb and remove carbon dioxide from any room where it is applied, leading to improved air quality.</li> <li>- Limewash paint can be use directly on surfaces that are painted with matt or semi-matt water-based paint. However, for glossy or semi-gloss finishes, use a primer before applying limewash paint.</li> <li>- The area should be free from any particles such as dust and debris, as this could prohibit the paint from setting properly and cause uneven areas.</li> <li>- When you are ready to begin, mix 1kg of limewash powder with 1.5L of water to prepare the paint in a suitable container.</li> <li>- Ensure that you mix the paint evenly by stirring well from time to time to prevent the pigments from sinking to the bottom of your container.</li> </ul>

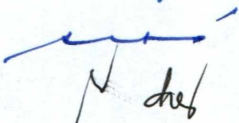


- Using upwards and downwards strokes, begin from the top corner of the wall down to the floor, taking care to not go over the skirting or messing on floor planks or floor tiles. If possible, use tape or any other material to cover areas that should not be painted over. You can also use x-strokes or multi-directional strokes starting from the corner top of the wall down to the floor. Do not use a roller though, only use a paintbrush suited for painting with limewash paint.
- Apply at least 2 layers of lime paint to get the best results.
- Paint the wall's first coat in one session to prevent overlapping and edges to dry out. Do not try to fix spots on areas once you have painted, as this could result in a patchy looking result.
- Let the first coat dry for 30 to 45 minutes to dry, before applying the second coat.
- Let the second coat dry for at least 72 hours and avoid any contact with water.
- Keep in mind that lime paint normally dries in a few hours, but it takes a few days to fully harden.
- Gradually and constantly mix the paint to prevent pigments to sink to the bottom of the paint container or hardening. Be careful to not overmix the paint, as intense mixing will darken the shade of your paint. Also, excessively brushing the paint onto the wall could darkened the shade.

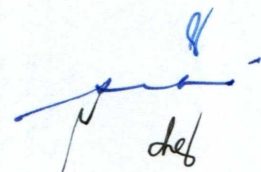


		<b>Ceiling Finishes</b>
		Installation of 12mm thick gypsum board on light gauge steel framing system carrying channels in flat latex paint finish. Provide corner bead and 12x12mm W-trim reveal. (See plans for details).
D		Installation of 16mm thick acoustic board on light gauge steel framing system main tee and cross tee runners with fine fissure texture finish. (See plans for details)
		Installation of 25cm x 290cm x 8mm uPVC ceiling on walnut finish. on light gauge steel framing system carrying channels in flat latex paint finish. (See plans for details)
		<b>Floor Finishes</b>
E		Restoration and Polishing of existing granite floor. Use stone scrub chemical abrasive, neutral pH cleaner, polishing powder, crystallizer, granite sealer and granite polish and repair of damaged portions to resemble existing granite
		<b>CABINETRY AND FURNISHINGS</b>
	A	Provision of reception desk (see plans and drawings)
II	B	Rehabilitation of existing countertops- 60x60 granite tiles, 1.2mm thk Double 304 Stainless Steel Drawers and doors w/ Magnetic Concealed Hinges By: Tale Or Any Approved Equal plus 1.2mm thk Double 304 Stainless Steel Drawers and doors w/ Concealed Runner, Full Extension, Load-Bearing Capacity Up To 30Kg, Steel By: Yale Or Any Approved Equal (refer to approved plans) (to include tiling of under counter flooring)
	C	Stainless Steel Overhead Cabinet - 1.2mm thk Double 304 Stainless Steel Drawers and doors w/ Magnetic Concealed Hinges By: Tale Or Any Approved Equal
	D	Island Working Tables – 6mm thk tempered glass on 1.2mm thk tubular 304 stainless steel framing w/ magnetic concealed hinges by: Yale Or Any Approved Equal. For Overheads and 1.2mm thk double 304 stainless steel drawers and doors w/ concealed runner, full extension, load-bearing capacity up to 30kg, steel by: Yale or any approved equal for working tables


	<b>E.</b>	Provision of 4 units five layer shelves - 1.2mm thk 304 stainless steel, 0.4m x 1.2m x 1.8m, with caster wheel as indicated in the drawings.
<b>III</b>	<b>GLAZING</b>	
	<b>A</b>	Supply and installation of tempered light gray tinted analog glass 10mm thick windows as indicated on the drawings.
	<b>B</b>	Supply and installation of tempered light gray tinted analog glass 8mm thick doors as indicated on the drawings.
<b>IV</b>	<b>EXISTING ROOF REHABILITATION, PAINTING AND WATERPROOFING</b> 1. Apply polyurethane waterproofing system on the whole concrete gutter of the bldg.(315 sqm). Perform leak test after application. 2. Apply vulcaseal on nail and joints of the whole roofing panels of the bldg. 3. Apply 2 coatings of roofguard paint on all the roofing surfaces of the bldg. (1760 sqm)	
<b>V</b>	<b>1. PROVISION OF GAS TANK CAGE</b>  Concrete Base: L = 1.8, W = 0.90, H = 0.60m Cage: L= 1.2, W = 0.90, H = 1.5m Refer to plans and drawings.  <b>2. Installation of 16x16 wall exhaust fan with louvers.</b>	
<b>VI</b>	<b>ELECTRICAL</b>	
	<b>Panelboards &amp; ECB's</b>	
<b>A</b>	The panelboards and all components shall be designed, manufactured and tested in accordance with the latest applicable standards of NEMA and UL :	

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	<p>Supply and installation of Panel AB (3p, 3-Wire, 240VAC, w/ grounding), consist of a quick-make, quick break type entirely trip-free operating mechanism, with contacts arc interrupter, and thermal-magnetic trip unit for each pole, all enclosed in a molded-phenolic case.</p> <p>Provide proper size circuit breaker for all motors 15 meters away from the source panel board.</p>
B	<p><b>Wires &amp; Cables</b></p> <p>Installation of quality copper, soft-drawn and annealed THHN, THWN, and TW wire types with 99% conductivity and plastic insulated for 600 volt working pressure.</p> <p>Provide 600 volts insulated conductors for wires &amp; cables types indicated.</p>
	<p><b>Raceway, Wiring &amp; Support System</b></p> <p>Installation of 15mm diameter electric trade sized conduit.</p> <p>Installation of pipes and fittings secured by metal clips spaced at 1.5m max.</p> <p>Installation of junction boxes, of code gauge 16 steel.</p>
	<p><b>Wiring Devices (Outlet)</b></p> <p>Installation of Duplex GFCI and Duplex 3-Prong convenience outlet.</p> <p>Installation of wall receptacles outlets for flush mounting duplex rated at 15 amp, 250 volts, parallel slots with grounding slot.</p>
E	<p><b>Lighting Fixtures (OSM)</b></p> <p>Provide and install all lighting fixtures of the size and type as indicated on the drawings.</p>



F	<b>Wiring Devices (Switch)</b>
	Installation of gang switches rated at 15 amperes, 250 volts, one-way, as required.
G	<b>Testing &amp; Commissioning</b>
	All wiring shall be tested for circuit continuity to assure that the wiring system is free of short circuit, accidental grounding or other defects prior to normal system operation by using megger test. Tests shall be performed after all wiring is completed, and again after fixtures and equipment are connected and ready for use.
<b>VI</b>	<b>PLUMBING &amp; SANITARY</b>
A	<b>Supply Line</b>
	Replace all existing supply line including pipes, fittings, valve, sink, and shower set.
	Pipes and fittings shall be uPVC.
	Install the materials shown in Water Line Layout. Faucet Fixtures Brand: American Standard or approved equal Eyewash: High quality Stainless steel 304, ANSI Certified Sink : High quality 1.2mm thk 304 Stainless steel
	Supply line shall terminate at a point approximately 5 feet from the building, unless otherwise indicated on the drawings.
	Provide a pressure test, apply a hydrostatic pressure that is 50 psi higher than the maximum working pressure of the system. However, if the pipe size is larger than 2 inches in diameter, the hydrostatic test pressure should not be lower than 200 psi.
	<b>Sanitary &amp; Vent</b>
	Replace all existing sanitary line including pipes, fittings, and floor drain.
	Pipes and fittings shall be uPVC except for waste pipe that will carry other liquid waste besides wastewater. Otherwise, use polyethylene pipe.

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	Install the materials shown in Sanitary Line Layout.
B	The sanitary line shall be laid at a minimum horizontal distance of 3 meters away from any water main or service line unless otherwise specified.
	Conduct a leakage tests, either infiltration tests or low-pressure air tests. Before conducting the leakage tests, ensure that the trench is backfilled up to at least the lower half of the pipe.
	<b>SITE PLUMBING UTILITIES</b>
	The plumbing utilities system across the entire site shall be designed and installed in a manner that maintains consistent slopes as indicated in the plans.
A-B	Any excavated materials not needed for fill or backfill purposes must be promptly removed from the site as instructed by the Engineer and disposed of by the Contractor.
	After pipes have been tested and approved, backfilling shall be done with approved material free for large clods or stones.
	During the construction phase, adequate measures must be taken to safeguard all plumbing fixtures and prevent any damage. Upon completion of the work, the fixtures must be thoroughly cleaned to the Engineer's/Architect's satisfaction before they can be accepted.
C	<b>Polyethylene Chemical Waste Tank :STAN 1000L ANAEROBIC Septic Tank</b>
	Follow manufacturer's installation procedure. PLASTIC SEPTIC TANK NESTABLE (STAN) Specifications: Tank material: Polyethylene, UV stabilized for outdoor use Capacity: 1000L Top dia: 1240mm Bottom dia: 950mm Total ht: 1370mm Body ht: 1263mm Cover ht: 107mm Inside surface area: 14sqm. With 100mm inlet/outlet fitting, 100mm suction port, Trickling media filters,
VII	<b>FDAS SYSTEM</b>
	<b>Fire Detection Devices &amp; Accessories</b>

A	Supply and installation of smoke and heat detector.
	Supply and installation of manual pull, fire alarm control panel, alarm horn/ strobe lamp, and fire extinguisher (ABC type).
	The entire system shall be installed in a workmanlike manner, in accordance with approved wiring diagram

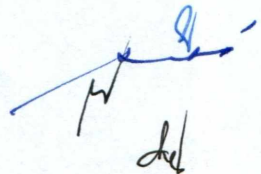
**PLEASE REFER TO THE BIDDING DOCUMENTS ON FILE WITH THE BIDS AND AWARDS COMMITTEE (BAC) SECRETARIAT.**

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## ***Section VII. Drawings***

*[Insert here a list of Drawings. The actual Drawings, including site plans, should be attached to this section, or annexed in a separate folder.]*

**PLEASE REFER TO THE BIDDING DOCUMENTS ON FILE WITH THE BIDS AND AWARDS COMMITTEE (BAC) SECRETARIAT.**

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# Section VIII. Bill of Quantities

## BILL OF QUANTITIES (BOQ)

PROJECT : RENOVATION OF LAREC SOILS LABORATORY  
 LOCATION : SRA LAREC, FLORIDABLANCA, PAMPANGA

ITEM NO.	DESCRIPTION	QUANTITY	UNIT	UNIT COST	TOTAL AMOUNT
[1]	[2]	[3]	[4]	[5]	[6]
<b>PART I GENERAL REQUIREMENTS</b>					
1	Mobilization/Demobilization	1	lot		
2	Permits and Clearances	1	lot		
3	Bonds & Insurances	1	lot		
4	Supervision	1	lot		
5	Temfacil	1	lot		
6	Occupational Safety and Health	1	lot		
7	As-built/Shop Drawings with Sign and Seal	1	lot		
<b>PART II ARCHITECTURAL</b>					
<b>A Demolition, Hauling, &amp; Clearing</b>					
1.0	Cordoning and Board Ups	1	lot		
2.0	Demolition, Hauling & Clearing	1	lot		
<b>B Walling and Partition with Finishes</b>					
1.0	100mm. thk chb interior wall w/ smooth cement plaster finish on both side	133.78	sq.m.		
2.0	150mm. thk chb exterior wall w/ smooth cement plaster finish on both side	120.59	sq.m.		
3.0	6mm thk ficemboard drywall partition in metal track stud assembly	28.06	sq.m.		
<b>C Wall Finishes</b>					
1.0	Vinyl Waterproof Wood Wallpaper	64.91	sq.m.		
2.0	Semi-gloss latex paint finish by: boysen or approved equal	309.37	sq.m.		
3.0	Elastometric paint finish by: boysen or approved equal	141.59	sq.m.		
4.0	Concrete-like limewash paint by: asveti paint or approved equal	21	sq.m.		
<b>D Ceiling Finishes</b>					
12 mm thk gypsum boral board on light gauge steel farming system carrying channels space @ 600mm B.W. O.C in flat latex paint finish by boysen. Provide corner bead and 12x12mm W-trim reveal.					
1.0	Conference Room	14.23	sq.m.		
2.0	Pantry & Office	11.73	sq.m.		
3.0	Waiting Lounge & Office Tables	72.08	sq.m.		
16mm thk acoustic board on light gauge steel framing system main tee and cross tee runners space @ 600mm B.W O.C arm strong brand w/ fine fissure texture finish or any equivalent as per Archt's approval					
1.0	Hot Room	32.16	sq.m.		
2.0	Instrument Room	20.37	sq.m.		
3.0	Weighing Room/Storage	20.18	sq.m.		
4.0	Wet Room	43.39	sq.m.		
5.0	Preparation Area	6.86	sq.m.		
6.0	Drying Area	10.9	sq.m.		
25cm x 290cm x 8mm uPVC ceiling on walnut finish w/ groove by: Kawara or any equivalent as per Archt's approval					
1.0	Conference Room	6.33	sq.m.		
<b>E Floor Finishes</b>					
Existing Granite Polishing and Restoration using stone scrub chemical abrasive, neutral pH cleaner, polishing powder, crystallizer, granite sealer and granite polish and repair damaged portions to resemble existing granite					
1.0	Conference Room	20.56	sq.m.		
2.0	Pantry	4.58	sq.m.		
3.0	Office	6.87	sq.m.		
4.0	Hot Room	32.16	sq.m.		
5.0	Instrument Room	20.37	sq.m.		
6.0	Weighing Room/Storage	20.18	sq.m.		
7.0	Wet Room	43.39	sq.m.		
8.0	Preparation Area	6.86	sq.m.		
9.0	Drying Area	10.9	sq.m.		
10.0	Waiting Lounge	45.58	sq.m.		
11.0	Office Area	26.5	sq.m.		
<b>PART III CABINETRY AND FURNISHINGS</b>					
<b>A Reception Desk</b>					
1	Reception Desk	1	lot		

	B	Rehabilitation of Existing Countertops			
		1.0 Hot Room	11.25	lm	
		2.0 Instrument Room	12.25	lm	
		3.0 Weighing Room/Storage	4.1	lm	
		4.0 Wet Room	13.57	lm	
		5.0 Pantry	1.9	lm	
	C	Construction of New Countertop			
		Preparation Area	4.58	lm	
	D	Stainless Steel Overhead Cabinet - 1.2mm thk Double 304 Stainless Steel doors w/ Magnetic Concealed Hinges By: Yale or Any Approved Equal			
		Weighing Room	13.2	lm	
		Instrument room	10.2	lm	
	E	Island Working Tables - 6mm thk Tempered Glass On 1.2mm thk Tubular 304 Stainless Steel Framing w/ magnetic concealed hinges by: Yale or any approved equal. For overheads and 1.2mm thk double 304 stainless steel drawers and doors with concealed runner, full extension, load bearing capacity up to 30kg. steel by: Yale or any approved equal for Working Tables			
		Hot Room	4.5	sq.m.	
		Instrument Room	1.16	sq.m.	
		Wet Room	5.47	sq.m.	
	F	Five layer shelves - 0.4m x 1.2m x 1.8m, 1.2mm thk 304 stainless steel with caster wheel.	4	units	
PART IV	GLAZING				
	A	Windows			
		W-1 - 3.345x1.5 Tempered Light Gray Tinted Glass 10mm thk, with awning	3	sets	
		W-2 - 1.810x1.5 Tempered Light Gray Tinted Glass 10mm thk, with awning	1	sets	
		W-3 - 3.14x1.5 Tempered Light Gray Tinted Glass 10mm thk, with awning	2	sets	
		W-4 - 0.98x1.8 Tempered Light Gray Tinted Glass 10mm thk	1	sets	
		W-5 - 1.1.175x1.8 & 1.1.245x1.8 Tempered Light Gray Tinted Glass 10mm thk	1	sets	
		W-6 - 1.8x1.1 Tempered Light Gray Tinted Glass 10mm thk	1	sets	
		W-7 - 2.545x1.8 Tempered Light Gray Tinted Glass 10mm thk	1	sets	
		W-8 - 1.1x1.8 Tempered Light Gray Tinted Glass 10mm thk	1	sets	
		W-9 - 4.2.1x1.8 Tempered Light Gray Tinted Glass 10mm thk	1	sets	
		W-10 - 1.0.575x1.8 1.1.94x1.8 Tempered Light Gray Tinted Glass 10mm thk	1	sets	
		W-11 - 1.335x1.8 Tempered Light Gray Tinted Glass 10mm thk	1	sets	
		W-12 - 2.1.18x1.8 Tempered Light Gray Tinted Glass 10mm thk	1	sets	
		W-13 - 1.6x1.5 Tempered Light Gray Tinted Glass 10mm thk, with awning	1	sets	
		W-14 - 3.2x1.5 Tempered Light Gray Tinted Glass 10mm thk, with awning	4	sets	
		W-15 - 2.4x1.5 Tempered Light Gray Tinted Glass 10mm thk, with awning	1	sets	
		W-16 - 2.6x1.5 Tempered Light Gray Tinted Glass 10mm thk, with awning	1	sets	
		W-17 - 0.6x1.5 Tempered Light Gray Tinted Glass 10mm thk, with awning	1	sets	
	B	Glass Door			
		D-1 - 1.8x3.0 Double Swing Analok Glass Door with Tempered Gray Tinted Glass 8mm thk	2	sets	
		D-2 - 1.0x3.0 Hinged Swing Analok Glass Door with Tempered Gray Tinted Glass 8mm thk	3	sets	
		D-3 - 0.925x3.0 Hinged Swing Analok Glass Door with Tempered Gray Tinted Glass 8mm thk	3	sets	
		D-4 - 1.0x3.0 Analok Sliding Glass Door w/ Transom with Tempered Gray Tinted Glass 8mm thk	1	sets	
		D-5 - 0.8x3.0 Analok Sliding Glass Door w/ Transom with Tempered Gray Tinted Glass 8mm thk	4	sets	
PART V	EXISTING ROOF REHABILITATION, PAINTING AND WATERPROOFING				
		GI Roofing	1760	sq.m.	
		Concrete roof gutter	315	sq.m.	
PART VI	ELECTRICAL				
	A	Panelboards & ECB's - Nema and UL standards			
		1.0 Panel AB (3-Phase, 3 Wire, 240VAC, w/ Grounding)	1	set	
		Main: 175AT, 3P, 230V			
		Branche: 11 - 20AT, 2P & 17 - 30AT, 2P & 2 - Spare			
	B	Wires & Cables			
		1.0 3.5 mm <sup>2</sup> THHN	1680	lm	
		2.0 3.5 mm <sup>2</sup> TW	1250	lm	
		3.0 5.5 mm <sup>2</sup> THHN	1300	lm	
		4.0 14.0 mm <sup>2</sup> TW	25	lm	
		5.0 80 mm <sup>2</sup> THWN	75	lm	

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	C	Raceway, Wiring & Support System			
		1.0 Conduit & Fittings, Boxes			
		15 mm ø PVC	506	pcs	
		40 mm ø PVC	12	pcs	
		65 mm ø RSC	9	pcs	
		15 mm ø Adapter w/ Locknut & Bushing	130	pcs	
		15 mm ø PVC Coupling	253	pcs	
		40 mm ø PVC Coupling	6	pcs	
		65mm ø RSC Coupling	9	pcs	
		Utility boxes, 2 mm thick, deep type	65	pcs	
		PVC Junction Box	16	pcs	
	D	Wiring Devices			
		1.0 Duplex GFCI Convenience Outlet	8	sets	
		2.0 Duplex 3-Prong Convenience Outlet	48	set	
	E	Lighting Fixtures (OSM)			
		1.0 600mm x600mm LED Panel Light (Daylight) 48W	70	sets	
		2.0 Recessed Down light Fixture 12W Led Bulb Daylight	4	sets	
		3.0 Recessed Down light Fixture 10W Led Bulb Cool White	10	sets	
		4.0 Recessed Down light Fixture 7.5W Led Bulb Cool White	10	sets	
		5.0 Neko Fusion Fix FFS LED Downlight 400k Cool White w/ Driver	18	sets	
		6.0 3-LED Tracklight Warm White w/ Driver	2	sets	
		7.0 Strip Lights 72W WW w/ Driver	2	sets	
	F	Wiring Devices			
		1.0 1 - Gang switch	12	sets	
		2.0 2 - Gang switch	3	sets	
	G	Testing & Commissioning	1	lot	
PART VII	PLUMBING & SANITARY				
	A	Supply Line			
		PVC Blue Pipe 32mmø	25	pcs	
		PVC Blue Pipe 20mmø	6	pcs	
		PVC Blue Elbow 32mmø 90°	2	pcs	
		PVC Blue Elbow 20mmø 90°	10	pcs	
		PVC Blue Tee 32mmø	2	pcs	
		PVC Blue Tee 20mmø	2	pcs	
		PVC Blue Reducer 32x20mmø	1	pcs	
		PVC Blue Elbow Reducer 32x20mmø 90°	2	pcs	
		PVC Blue Tee Reducer 20x32x32mmø	1	pcs	
		PVC Coupling 32mmø	22	pcs	
		PVC Coupling 20mmø	2	pcs	
		Gate Valve 20mmø	5	pcs	
		Kitchen Goose Neck Stainless Faucet	1	set	
		Hotroom Goose Neck Stainless Faucet	1	set	
		Sink faucet with pull-down sprayer	1	unit	
		Wet Room Goose Neck Stainless Faucet	1	set	
		Kitchen, 1.2mm thk 304 Stainless steel Sink	1	unit	
		Hot Room, 1.2mm thk 304 Stainless steel Sink	1	unit	
		Wet Room, 1.2mm thk 304 Stainless steel Sink , 1.2x0.4x0.3	1	unit	
		Wet Room, 1.2mm thk 304 Stainless steel Sink , 0.6x0.4x 0.2	1	unit	
		Emergency Eyewash Set	1	unit	
	B	Sanitary and Vent			
		PVC Pipe 200mmø	1	pcs	
		PVC Pipe 100mmø	8	pcs	
		PVC Pipe 50mmø	9	pcs	
		PVC Elbow 100mmø 45°	2	pcs	
		PVC Elbow 50mmø 90°	10	pcs	
		PVC Elbow 50mmø 45°	10	pcs	
		PVC Elbow Reducer 100x50mmø 45°	1	pcs	
		PVC Elbow Reducer 200x100mmø 45°	1	pcs	
		PVC Coupling 100mmø	5	pcs	
		PVC Coupling 50mmø	3	pcs	
		PVC End Cap 50mmø	4	pcs	
		PVC Wye 50mmø	8	pcs	
		PVC Wye Reducer 100x100x50mmø	2	pcs	
		PVC Wye Reducer 200x200x100mmø	1	pcs	
		PVC Clean Out 50mmø	3	pcs	
		PVC P-Trap 50mmø	5	pcs	
		PE Pipe 75mmø	2	pcs	
		PE 1/8 Bend Pipe 75mmøx75mmø	2	pcs	
		PE Wye 75mmøx75mmø	1	pcs	
		PE Sanitary Tee 75mmøx50mmø	1	pcs	
		PE P-Trap 50mmø	1	pcs	

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		PE Clean Out 75mmø	1	pcs		
		Floor Drain	3	unit		
	C	Polyethylene Chemical Waste Tank Assembly (1,000L)	1	lot		
PART VIII	MECHANICAL					
	A	Gas Tank Cage	1	unit		
	B	Wall Exhaust Fan 16x16 wit louver	7	sets		
Part VII	FDAS SYSTEM					
	A Fire Detection Devices					
		Smoke detector	14	sets		
		Heat detector	1	sets		
	B Accessories					
		Manual Pull	2	sets		
		Fire Alarm Control Panel	1	sets		
		Alarm Horn/Strobe Lamp	5	sets		
		Fire Extinguisher (ABC Type)	9	sets		
		TOTAL				

**PLEASE REFER TO THE BIDDING DOCUMENTS ON FILE WITH THE BIDS AND AWARDS COMMITTEE (BAC) SECRETARIAT.**

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## ***Section IX. Checklist of Technical and Financial Documents***

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

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

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

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





# Checklist of Technical and Financial Documents

## I. TECHNICAL COMPONENT ENVELOPE

### *Class "A" Documents*

#### Legal Documents

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

#### Technical Documents

- (f) Statement of the prospective bidder of all its ongoing government and private contracts, including contracts awarded but not yet started, if any, whether similar or not similar in nature and complexity to the contract to be bid; **and**
- (g) Statement of the bidder's Single Largest Completed Contract (SLCC) similar to the contract to be bid, except under conditions provided under the rules;  
**and**
- (h) Philippine Contractors Accreditation Board (PCAB) License;  
**or**  
Special PCAB License in case of Joint Ventures;  
**and** registration for the type and cost of the contract to be bid; **and**
- (i) Original copy of Bid Security. If in the form of a Surety Bond, submit also a certification issued by the Insurance Commission;  
**or**  
Original copy of Notarized Bid Securing Declaration; **and**
- (j) Project Requirements, which shall include the following:
  - a. Organizational chart for the contract to be bid;
  - b. List of contractor's key personnel (*e.g.*, Project Manager, Project Engineers, Materials Engineers, and Foremen), to be assigned to the contract to be bid, with their complete qualification and experience data;
  - c. List of contractor's major equipment units, which are owned, leased, and/or under purchase agreements, supported by proof of ownership or certification of availability of equipment from the equipment lessor/vendor for the duration of the project, as the case may be; **and**
- (k) Original duly signed Omnibus Sworn Statement (OSS);  
**and** if applicable, Original Notarized Secretary's Certificate in case of a corporation, partnership, or cooperative; or Original Special Power of



Attorney of all members of the joint venture giving full power and authority to its officer to sign the OSS and do acts to represent the Bidder.

Financial Documents

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

**Class "B" Documents**

- (n) If applicable, duly signed joint venture agreement (JVA) in accordance with RA No. 4566 and its IRR in case the joint venture is already in existence;  
**or**  
duly notarized statements from all the potential joint venture partners stating that they will enter into and abide by the provisions of the JVA in the instance that the bid is successful.

**II. FINANCIAL COMPONENT ENVELOPE**

- (o) Original of duly signed and accomplished Financial Bid Form; **and**

Other documentary requirements under RA No. 9184

- (p) Original of duly signed Bid Prices in the Bill of Quantities; **and**
- (q) Duly accomplished Detailed Estimates Form, including a summary sheet indicating the unit prices of construction materials, labor rates, and equipment rentals used in coming up with the Bid; **and**
- (r) Cash Flow by Quarter.

