

PHILIPPINE BIDDING DOCUMENTS

(As Harmonized with Development Partners)

Procurement of Goods



Upgrading and Enhancement of Laboratory Facilities

Government of the Republic of the Philippines

**Fifth Edition
August 2016**

Preface

These Philippine Bidding Documents (PBDs) for the procurement of Goods through Competitive Bidding have been prepared by the Government of the Philippines (GOP) for use by all branches, agencies, departments, bureaus, offices, or instrumentalities of the government, including government-owned and/or -controlled corporations (GOCCs), government financial institutions (GFIs), state universities and colleges (SUCs), and local government units (LGUs) and autonomous regional government. The procedures and practices presented in this document have been developed through broad experience, and are for mandatory¹ use in projects that are financed in whole or in part by the GOP or any foreign government/foreign or international financing institution in accordance with the provisions of the 2016 Revised Implementing Rules and Regulations (IRR) of Republic Act (RA) 9184.

The Bidding Documents shall clearly and adequately define, among others: (a) the objectives, scope, and expected outputs and/or results of the proposed contract; (b) the eligibility requirements of bidders, such as track record to be determined by the Head of the Procuring Entity; (c) the expected contract duration, the estimated quantity in the case of procurement of goods, delivery schedule and/or time frame; and (d) the obligations, duties, and/or functions of the winning bidder.

In order to simplify the preparation of the Bidding Documents for each procurement, the PBDs groups the provisions that are intended to be used unchanged in Section II. Instructions to Bidders (ITB) and in Section IV. General Conditions of Contract (GCC). Data and provisions specific to each procurement and contract should be included in Section III. Bid Data Sheet (BDS); Section V. Special Conditions of Contract (SCC); Section VI. Schedule of Requirements; and Section IX. Foreign-Assisted Projects. The forms to be used are provided in Section VIII. Bidding Forms.

Care should be taken to check the relevance of the provisions of the PBDs against the requirements of the specific Goods to be procured. In addition, 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, except for the notes introducing Section VIII. Bidding Forms where the information is useful for the Bidder. 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 Project.
- (b) Specific details, such as the “name of the Procuring Entity” and “address for bid submission,” should be furnished in the ITB, BDS, and SCC. 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, BDS, SCC, 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. The Bidding Documents should contain no footnotes except Section VIII. Bidding Forms since these provide important guidance to Bidders.
- (d) The cover should be modified as required to identify the Bidding Documents as to the names of the Project, Contract, and Procuring Entity, in addition to date of issue.
- (e) If modifications must be made to bidding requirements, they can be presented in the BDS. Modifications for specific Project or Contract details should be provided in the SCC as amendments to the Conditions of Contract. For easy completion, whenever reference has to be made to specific clauses in the BDS or SCC these terms shall be printed in bold type face on Section I. Instructions to Bidders and Section III. General Conditions of Contract, respectively.

¹ Unless the Treaty or International or Executive Agreement expressly provides use of foreign government/foreign or international financing institution procurement guidelines.

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Section I. Invitation to Bid

Notes on the Invitation to Bid

The Invitation to Bid provides information that enables potential Bidders to decide whether to participate in the procurement at hand. The Invitation to Bid shall be:

- (a) Posted continuously in the Philippine Government Electronic Procurement System (PhilGEPS) website, the website of the Procuring Entity concerned, if available, and the website prescribed by the foreign government/foreign or international financing institution, if applicable, for seven (7) calendar days starting on the date of advertisement;
- (b) Posted at any conspicuous place reserved for this purpose in the premises of the Procuring Entity concerned for seven (7) calendar days, as certified by the head of the Bids and Awards Committee (BAC) Secretariat of the Procuring Entity concerned; and
- (c) Advertised at least once in a newspaper of general nationwide circulation which has been regularly published for at least two (2) years before the date of issue of the advertisement, subject to Section 21.2.1(c) of the IRR of RA 9184².

Apart from the essential items listed in the Bidding Documents, the Invitation to Bid should also indicate the following:

- (a) The date of availability of the Bidding Documents, which shall be from the time the Invitation to Bid is first advertised/posted until the deadline for the submission and receipt of bids;
- (b) The place where the Bidding Documents may be acquired or the website where it may be downloaded;
- (c) The deadline for the submission and receipt of bids from the last day of posting of the Invitation to Bid; and
- (d) Any important bid evaluation criteria (*e.g.*, the application of a margin of preference in bid evaluation).

The Invitation to Bid should be incorporated in the Bidding Documents. The information contained in the Invitation to Bid must conform to the Bidding Documents and in particular to the relevant information in the BDS.

For foreign-assisted projects, the Invitation to Bid to be used is provided in Section IX-Foreign-Assisted Projects.

² Two years after the effectivity of the 2016 Revised IRR of R.A. No. 9184 on 28 October 2016, advertisement in a newspaper of general nationwide circulation shall no longer be required. However, a procuring entity that cannot post its opportunities in the PhilGEPS for justifiable reasons shall continue to publish its advertisements in a newspaper of general nationwide circulation.



Republic of the Philippines
Cotabato City State Polytechnic College
Cotabato City

INVITATION TO BID FOR
Upgrading and Enhancement of Laboratory Facilities

1. The *Cotabato City State Polytechnic College*, through the **Government Appropriation Act (GAA FY 2021)** ³ intends to apply the sum of ***Twenty Nine Million Three Hundred Fifty Two Thousand Three Hundred Pesos (Php 29,352,300.00)*** being the Approved Budget for the Contract (ABC) to payments under the contract for the **Upgrading and Enhancement of Laboratory Facilities**. Bids received in excess of the ABC for each lot shall be automatically rejected at bid opening.
2. The *Cotabato City State Polytechnic College*, now invites bids for **Upgrading and Enhancement of Laboratory Facilities**.⁴ Delivery of the Goods is required within One Hundred Twenty (120) days. Bidders should have completed, within *three (3) years* from the date of submission and receipt of bids, a contract similar to the Project. The description of an eligible bidder is contained in the Bidding Documents, particularly, in Section II. Instructions to Bidders.
3. Bidding will be conducted through open competitive bidding procedures using a non-discretionary “pass/fail” criterion as specified in the 2016 Revised Implementing Rules and Regulations (IRR) of Republic Act (RA) 9184, otherwise known as the “Government Procurement Reform Act”.

Bidding is restricted to Filipino citizens/sole proprietorships, partnerships, or organizations with at least sixty percent (60%) interest or outstanding capital stock belonging to citizens of the Philippines, and to citizens or organizations of a country the laws or regulations of which grant similar rights or privileges to Filipino citizens, pursuant to RA 5183.

4. Interested bidders may obtain further information from *Cotabato City State Polytechnic College* and inspect the Bidding Documents at the address given below during 8:00AM to 5:00PM Monday thru Friday.
5. A complete set of Bidding Documents may be acquired by interested Bidders on **November 24, 2020** from the 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 Twenty Five Thousand Pesos (25,000.00)*.

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

³ Ibid.

⁴ A brief description of the type(s) of Goods should be provided, including quantities, location of project, and other information necessary to enable potential bidders to decide whether or not to respond to the invitation.

6. The *Cotabato City State Polytechnic College* will hold a Pre-Bid Conference⁵ on *December 02, 2020 at 9:00AM* at *Conference Room, Research Bldg., CCSPC Campus, Cotabato City*, which shall be open to prospective bidders.
7. Bids must be duly received by the BAC Secretariat at the address below before *9:00AM, December 15, 2020*. All Bids must be accompanied by a bid security in any of the acceptable forms and in the amount stated in **ITB** Clause 18.

Bid opening shall be on *December 15, 2020 at 9:00AM* at *Conference Room, e-Building, CCSPC Campus, Cotabato City*. Bids will be opened in the presence of the bidders' representatives who choose to attend at the address below. Late bids shall not be accepted.
8. The *Cotabato City State Polytechnic College* reserves the right to reject any and all bids, declare a failure of bidding, or not award the contract at any time prior to contract award in accordance with Section 41 of RA 9184 and its IRR, without thereby incurring any liability to the affected bidder or bidders.
9. For further information, please refer to:

JOHN A. ALLESA

*Bids and Awards Committee - Secretariat
Cotabato City State Polytechnic College
Sinsuat Avenue, Cotabato City
bac@ccspc.edu.ph
Landline (064) 552-2162*

(SGD) RADZATA A. ABDULGANI, Ph.D.
*Chief Administrative Officer
BAC - Chairman*

⁵May be deleted in case the ABC is less than One Million Pesos (PhP1,000,000) where the Procuring Entity may not hold a Pre-Bid Conference.

Section II. Instructions to Bidders

Notes on the Instructions to Bidders

This Section of the Bidding Documents provides the information necessary for bidders to prepare responsive bids, in accordance with the requirements of the Procuring Entity. It also provides information on bid submission, eligibility check, opening and evaluation of bids, post-qualification and on the award of contract.

This Section also contains provisions that are to be used unchanged. Section III consists of provisions that supplement, amend, or specify in detail, information or requirements included in Section II which are specific to each procurement.

Matters governing performance of the Supplier, payments under the contract, or matters affecting the risks, rights, and obligations of the parties under the contract are not normally included in this Section, but rather under Section IV. General Conditions of Contract (GCC), and/or Section V. Special Conditions of Contract (SCC). 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.

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A. General

1. Scope of Bid

- 1.1. The Procuring Entity named in the **BDS** invites bids for the supply and delivery of the Goods as described in.
- 1.2. The name, identification, and number of lots specific to this bidding are provided in the **BDS**. The contracting strategy and basis of evaluation of lots is described in **ITB** Clause 28.

2. Source of Funds

The Procuring Entity has a budget or has received funds from the Funding Source named in the **BDS**, and in the amount indicated in the **BDS**. It intends to apply part of the funds received for the Project, as defined in the **BDS**, to cover eligible payments under the contract.

3. Corrupt, Fraudulent, Collusive, and Coercive Practices

- 3.1. Unless otherwise specified in the **BDS**, 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. In pursuance of this policy, the Procuring Entity:

- (a) defines, for purposes of this provision, the terms set forth below as follows:
 - (i) “corrupt practice” means behavior on the part of officials in the public or private sectors by which they improperly and unlawfully enrich themselves, others, or induce others to do so, by misusing the position in which they are placed, and includes the offering, giving, receiving, or soliciting of anything of value to influence the action of any such official in the procurement process or in contract execution; entering, on behalf of the government, into any contract or transaction manifestly and grossly disadvantageous to the same, whether or not the public officer profited or will profit thereby, and similar acts as provided in RA 3019.
 - (ii) “fraudulent practice” means a misrepresentation of facts in order to influence a procurement process or the execution of a contract to the detriment of the Procuring Entity, and includes collusive practices among Bidders (prior to or after bid submission) designed to establish bid prices at artificial, non-competitive levels and to deprive the Procuring Entity of the benefits of free and open competition.
 - (iii) “collusive practices” means a scheme or arrangement between two or more Bidders, with or without the knowledge of the Procuring Entity, designed to establish bid prices at artificial, non-competitive levels.
 - (iv) “coercive practices” means harming or threatening to harm, directly or indirectly, persons, or their property to influence their participation in a procurement process, or affect the execution of a contract;
 - (v) “obstructive practice” is
 - (aa) deliberately destroying, falsifying, altering or concealing of evidence material to an administrative proceedings or investigation or making false statements to investigators in order to materially impede an administrative proceedings or investigation of the

Procuring Entity or any foreign government/foreign or international financing institution into allegations of a corrupt, fraudulent, coercive or collusive practice; and/or threatening, harassing or intimidating any party to prevent it from disclosing its knowledge of matters relevant to the administrative proceedings or investigation or from pursuing such proceedings or investigation; or

- (bb) acts intended to materially impede the exercise of the inspection and audit rights of the Procuring Entity or any foreign government/foreign or international financing institution herein.
 - (b) will reject a proposal for award if it determines that the Bidder recommended for award has engaged in any of the practices mentioned in this Clause for purposes of competing for the contract.
- 3.2. Further, the Procuring Entity will seek to impose the maximum civil, administrative, and/or criminal penalties available under applicable laws on individuals and organizations deemed to be involved in any of the practices mentioned in **ITB** Clause 3.1(a).
- 3.3. Furthermore, the Funding Source and the Procuring Entity reserve the right to inspect and audit records and accounts of a bidder or supplier in the bidding for and performance of a contract themselves or through independent auditors as reflected in the **GCC** Clause 3.

4. Conflict of Interest

- 4.1. All Bidders found to have conflicting interests shall be disqualified to participate in the procurement at hand, without prejudice to the imposition of appropriate administrative, civil, and criminal sanctions. A Bidder may be considered to have conflicting interests with another Bidder in any of the events described in paragraphs (a) through (c) below and a general conflict of interest in any of the circumstances set out in paragraphs (d) through (g) below:
- (a) A Bidder has controlling shareholders in common with another Bidder;
 - (b) A Bidder receives or has received any direct or indirect subsidy from any other Bidder;
 - (c) A Bidder has the same legal representative as that of another Bidder for purposes of this bid;
 - (d) A Bidder has a relationship, directly or through third parties, that puts them in a position to have access to information about or influence on the bid of another Bidder or influence the decisions of the Procuring Entity regarding this bidding process;
 - (e) A Bidder submits more than one bid in this bidding process. However, this does not limit the participation of subcontractors in more than one bid;
 - (f) A Bidder who participated as a consultant in the preparation of the design or technical specifications of the Goods and related services that are the subject of the bid; or
 - (g) A Bidder who lends, or temporarily seconds, its personnel to firms or organizations which are engaged in consulting services for the preparation related to procurement for or implementation of the project, if the personnel would be involved in any capacity on the same project.
- 4.2. In accordance with Section 47 of the IRR of RA 9184, all Bidding Documents shall be accompanied by a sworn affidavit of the Bidder that it is not related to the Head of the Procuring Entity (HoPE), members of the Bids and Awards Committee (BAC), members of the Technical Working Group (TWG), members of the BAC Secretariat, the head of the Project Management Office (PMO) or the end-user unit, and the project consultants, by consanguinity or affinity up

to the third civil degree. On the part of the Bidder, this Clause shall apply to the following persons:

- (a) If the Bidder is an individual or a sole proprietorship, to the Bidder himself;
- (b) If the Bidder is a partnership, to all its officers and members;
- (c) If the Bidder is a corporation, to all its officers, directors, and controlling stockholders;
- (d) If the Bidder is a cooperative, to all its officers, directors, and controlling shareholders or members; and
- (e) If the Bidder is a joint venture (JV), the provisions of items (a), (b), (c), or (d) of this Clause shall correspondingly apply to each of the members of the said JV, as may be appropriate.

Relationship of the nature described above or failure to comply with this Clause will result in the automatic disqualification of a Bidder.

5. Eligible Bidders

- 5.1. Unless otherwise provided in the **BDS**, the following persons shall be eligible to participate in this bidding:
 - (a) Duly licensed Filipino citizens/sole proprietorships;
 - (b) Partnerships duly organized under the laws of the Philippines and of which at least sixty percent (60%) of the interest belongs to citizens of the Philippines;
 - (c) Corporations duly organized under the laws of the Philippines, and of which at least sixty percent (60%) of the outstanding capital stock belongs to citizens of the Philippines;
 - (d) Cooperatives duly organized under the laws of the Philippines; and
 - (e) Persons/entities forming themselves into a Joint Venture (JV), *i.e.*, a group of two (2) or more persons/entities that intend to be jointly and severally responsible or liable for a particular contract: Provided, however, that Filipino ownership or interest of the JV concerned shall be at least sixty percent (60%).
- 5.2. Foreign bidders may be eligible to participate when any of the following circumstances exist, as specified in the **BDS**:
 - (a) When a Treaty or International or Executive Agreement as provided in Section 4 of RA 9184 and its IRR allow foreign bidders to participate;
 - (b) Citizens, corporations, or associations of a country, the laws or regulations of which grant reciprocal rights or privileges to citizens, corporations, or associations of the Philippines;
 - (c) When the Goods sought to be procured are not available from local suppliers; or
 - (d) When there is a need to prevent situations that defeat competition or restrain trade.
- 5.3. Government owned or –controlled corporations (GOCCs) may be eligible to participate only if they can establish that they (a) are legally and financially autonomous, (b) operate under commercial law, and (c) are not attached agencies of the Procuring Entity.

- 5.4. Unless otherwise provided in the **BDS**, the Bidder must have completed a Single Largest Completed Contract (SLCC) similar to the Project and the value of which, adjusted, if necessary, by the Bidder to current prices using the Philippine Statistics Authority (PSA) consumer price index, must be at least equivalent to a percentage of the ABC stated in the **BDS**.

For this purpose, contracts similar to the Project shall be those described in the **BDS**, and completed within the relevant period stated in the Invitation to Bid and **ITB** Clause 12.1(a)(ii).

- 5.5. The Bidder must submit a computation of its Net Financial Contracting Capacity (NFCC), which must be at least equal to the ABC to be bid, 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.

The values of the domestic bidder's current assets and current liabilities shall be based on the latest Audited Financial Statements submitted to the BIR.

For purposes of computing the foreign bidders' NFCC, the value of the current assets and current liabilities shall be based on their audited financial statements prepared in accordance with international financial reporting standards.

If the prospective bidder opts to submit a committed Line of Credit, it must be at least equal to ten percent (10%) of the ABC to be bid. If issued by a foreign universal or commercial bank, it shall be confirmed or authenticated by a local universal or commercial bank.

6. Bidder's Responsibilities

- 6.1. The Bidder or its duly authorized representative shall submit a sworn statement in the form prescribed in required in **ITB** Clause 12.1(b)(iii).

- 6.2. The Bidder is responsible for the following:

- (a) Having taken steps to carefully examine all of the Bidding Documents;
- (b) Having acknowledged all conditions, local or otherwise, affecting the implementation of the contract;
- (c) Having made an estimate of the facilities available and needed for the contract to be bid, if any;
- (d) Having complied with its responsibility to inquire or secure Supplemental/Bid Bulletin(s) as provided under **ITB** Clause 10.4.
- (e) Ensuring that it is not "blacklisted" or barred from bidding by the GOP or any of its agencies, offices, corporations, or LGUs, including foreign government/foreign or international financing institution whose blacklisting rules have been recognized by the GPPB;
- (f) Ensuring that 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;
- (g) Authorizing the HoPE or its duly authorized representative/s to verify all the documents submitted;
- (h) Ensuring that the signatory is the duly authorized representative of the Bidder, and granted full power and authority to do, execute and perform any and all acts necessary

and/or to represent the Bidder in the bidding, with the duly notarized Secretary's Certificate attesting to such fact, if the Bidder is a corporation, partnership, cooperative, or joint venture;

- (i) Complying with the disclosure provision under Section 47 of RA 9184 and its IRR in relation to other provisions of RA 3019;
- (j) Complying with existing labor laws and standards, in the case of procurement of services; Moreover, bidder undertakes to:
 - (i) Ensure the entitlement of workers to wages, hours of work, safety and health and other prevailing conditions of work as established by national laws, rules and regulations; or collective bargaining agreement; or arbitration award, if and when applicable.

In case there is a finding by the Procuring Entity or the DOLE of underpayment or non-payment of workers' wage and wage-related benefits, bidder agrees that the performance security or portion of the contract amount shall be withheld in favor of the complaining workers pursuant to appropriate provisions of Republic Act No. 9184 without prejudice to the institution of appropriate actions under the Labor Code, as amended, and other social legislations.

- (ii) Comply with occupational safety and health standards and to correct deficiencies, if any.

In case of imminent danger, injury or death of the worker, bidder undertakes to suspend contract implementation pending clearance to proceed from the DOLE Regional Office and to comply with Work Stoppage Order; and

- (iii) Inform the workers of their conditions of work, labor clauses under the contract specifying wages, hours of work and other benefits under prevailing national laws, rules and regulations; or collective bargaining agreement; or arbitration award, if and when applicable, through posting in two (2) conspicuous places in the establishment's premises; and
- (k) Ensuring that it 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.

Failure to observe any of the above responsibilities shall be at the risk of the Bidder concerned.

- 6.3. The Bidder is expected to examine all instructions, forms, terms, and specifications in the Bidding Documents.
- 6.4. It shall be the sole responsibility of the Bidder to determine and to satisfy itself by such means as it considers necessary or desirable as to all matters pertaining to the contract to be bid, including: (a) the location and the nature of this Project; (b) climatic conditions; (c) transportation facilities; and (d) other factors that may affect the cost, duration, and execution or implementation of this Project.
- 6.5. The Procuring Entity shall not assume any responsibility regarding erroneous interpretations or conclusions by the prospective or eligible bidder out of the data furnished by the procuring entity. However, the Procuring Entity shall ensure that all information in the Bidding Documents, including bid/supplemental bid bulletin/s issued, are correct and consistent.

- 6.6. Before submitting their bids, the Bidder is deemed to have become familiar with all existing laws, decrees, ordinances, acts and regulations of the Philippines which may affect this Project in any way.
- 6.7. The Bidder shall bear all costs associated with the preparation and submission of his bid, and the Procuring Entity will in no case be responsible or liable for those costs, regardless of the conduct or outcome of the bidding process.
- 6.8. The Bidder should note that the Procuring Entity will accept bids only from those that have paid the applicable fee for the Bidding Documents at the office indicated in the Invitation to Bid.

7. Origin of Goods

Unless otherwise indicated in the **BDS**, there is no restriction on the origin of goods other than those prohibited by a decision of the United Nations Security Council taken under Chapter VII of the Charter of the United Nations, subject to **ITB** Clause 27.1.

8. Subcontracts

- 8.1. Unless otherwise specified in the **BDS**, the Bidder may subcontract portions of the Goods to an extent as may be approved by the Procuring Entity and stated in the **BDS**. However, subcontracting of any portion shall not relieve the Bidder from any liability or obligation that may arise from the contract for this Project.
- 8.2. Subcontractors must submit the documentary requirements under **ITB** Clause 12 and comply with the eligibility criteria specified in the **BDS**. In the event that any subcontractor is found by the Procuring Entity to be ineligible, the subcontracting of such portion of the Goods shall be disallowed.
- 8.3. The Bidder may identify the subcontractor to whom a portion of the Goods will be subcontracted at any stage of the bidding process or during contract implementation. If the Bidder opts to disclose the name of the subcontractor during bid submission, the Bidder shall include the required documents as part of the technical component of its bid.

B. Contents of Bidding Documents

9. Pre-Bid Conference

- 9.1. (a) If so specified in the **BDS**, a pre-bid conference shall be held at the venue and on the date indicated therein, to clarify and address the Bidders' questions on the technical and financial components of this Project.

(b) The pre-bid conference shall be held at least twelve (12) calendar days before the deadline for the submission and receipt of bids, but not earlier than seven (7) calendar days from the posting of the invitation to bid/bidding documents in the PhilGEPS website. If the Procuring Entity determines that, by reason of the method, nature, or complexity of the contract to be bid, or when international participation will be more advantageous to the GOP, a longer period for the preparation of bids is necessary, the pre-bid conference shall be held at least thirty (30) calendar days before the deadline for the submission and receipt of bids, as specified in the **BDS**.
- 9.2. Bidders are encouraged to attend the pre-bid conference to ensure that they fully understand the Procuring Entity's requirements. Non-attendance of the Bidder will in no way prejudice its bid; however, the Bidder is expected to know the changes and/or amendments to the Bidding Documents as recorded in the minutes of the pre-bid conference and the Supplemental/Bid Bulletin. The minutes of the pre-bid conference shall be recorded and prepared not later than

five (5) calendar days after the pre-bid conference. The minutes shall be made available to prospective bidders not later than five (5) days upon written request.

- 9.3 Decisions of the BAC amending any provision of the bidding documents shall be issued in writing through a Supplemental/Bid Bulletin at least seven (7) calendar days before the deadline for the submission and receipt of bids.

10. Clarification and Amendment of Bidding Documents

- 10.1. Prospective bidders may request for clarification on and/or interpretation of any part of the Bidding Documents. Such request must be in writing and submitted to the Procuring Entity at the address indicated in the **BDS** at least ten (10) calendar days before the deadline set for the submission and receipt of Bids.
- 10.2. The BAC shall respond to the said request by issuing a Supplemental/Bid Bulletin, to be made available to all those who have properly secured the Bidding Documents, at least seven (7) calendar days before the deadline for the submission and receipt of Bids.
- 10.3. Supplemental/Bid Bulletins may also be issued upon the Procuring Entity's initiative for purposes of clarifying or modifying any provision of the Bidding Documents not later than seven (7) calendar days before the deadline for the submission and receipt of Bids. Any modification to the Bidding Documents shall be identified as an amendment.
- 10.4. Any Supplemental/Bid Bulletin issued by the BAC shall also be posted in the PhilGEPS and the website of the Procuring Entity concerned, if available, and at any conspicuous place in the premises of the Procuring Entity concerned. It shall be the responsibility of all Bidders who have properly secured the Bidding Documents to inquire and secure Supplemental/Bid Bulletins that may be issued by the BAC. However, Bidders who have submitted bids before the issuance of the Supplemental/Bid Bulletin must be informed and allowed to modify or withdraw their bids in accordance with **ITB** Clause 23.

C. Preparation of Bids

11. Language of Bids

The eligibility requirements or statements, the bids, and all other documents to be submitted to the BAC must be in English. If the eligibility requirements or statements, the bids, and all other documents submitted to the BAC are in foreign language other than English, it must be accompanied by a translation of the documents in English. The documents shall be translated by the relevant foreign government agency, the foreign government agency authorized to translate documents, or a registered translator in the foreign bidder's country; and 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. The English translation shall govern, for purposes of interpretation of the bid.

12. Documents Comprising the Bid: Eligibility and Technical Components

- 12.1. Unless otherwise indicated in the **BDS**, the first envelope shall contain the following eligibility and technical documents:

- (a) Eligibility Documents –

Class "A" Documents:

- (i) PhilGEPS Certificate of Registration and Membership in accordance with Section 8.5.2 of the IRR, except for foreign bidders participating in the procurement by a Philippine Foreign Service Office or Post, which shall submit their eligibility documents under Section 23.1 of the IRR, provided,

that the winning bidder shall register with the PhilGEPS in accordance with section 37.1.4 of the IRR.

- (ii) Statement 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

Statement of the Bidder's SLCC similar to the contract to be bid, in accordance with ITB Clause 5.4, within the relevant period as provided in the **BDS**.

The two statements required shall indicate for each contract the following:

- (ii.1) name of the contract;
 - (ii.2) date of the contract;
 - (ii.3) contract duration;
 - (ii.4) owner's name and address;
 - (ii.5) kinds of Goods;
 - (ii.6) For Statement of Ongoing Contracts - amount of contract and value of outstanding contracts;
 - (ii.7) For Statement of SLCC - amount of completed contracts, adjusted by the Bidder to current prices using PSA's consumer price index, if necessary for the purpose of meeting the SLCC requirement;
 - (ii.8) date of delivery; and
 - (ii.9) end user's acceptance or official receipt(s) or sales invoice issued for the contract, if completed, which shall be attached to the statements.
- (iii) NFCC computation in accordance with ITB Clause 5.5 or a committed Line of Credit from a universal or commercial bank.

Class "B" Document:

- (iv) If applicable, the Joint Venture Agreement (JVA) in case the joint venture is already in existence, or duly notarized statements from all the potential joint venture partners in accordance with Section 23.1(b) of the IRR.
- (b) Technical Documents –
 - (i) Bid security in accordance with **ITB** Clause 18. If the Bidder opts to submit the bid security in the form of:
 - (i.1) a bank draft/guarantee or an irrevocable letter of credit issued by a foreign bank, it shall be accompanied by a confirmation from a Universal or Commercial Bank; or
 - (i.2) a surety bond, it shall be accompanied by a certification by the Insurance Commission that the surety or insurance company is authorized to issue such instruments;

- (ii) Conformity with technical specifications, as enumerated and specified in Sections VI and VII of the Bidding Documents; and
- (iii) Sworn statement in accordance with Section 25.3 of the IRR of RA 9184 and using the form prescribed in
- (iv) For foreign bidders claiming eligibility by reason of their country's extension of reciprocal rights to Filipinos, a certification from the relevant government office of their country stating that Filipinos are allowed to participate in their government procurement activities for the same item or product.

13. Documents Comprising the Bid: Financial Component

- 13.1. Unless otherwise stated in the **BDS**, the financial component of the bid shall contain the following:
- (a) Financial Bid Form, which includes bid prices and the applicable Price Schedules, in accordance with **ITB** Clauses 15.1 and 15.4;
 - (b) If the Bidder claims preference as a Domestic Bidder, a certification from the DTI issued in accordance with **ITB** Clause 27, unless otherwise provided in the **BDS**; and
 - (c) Any other document related to the financial component of the bid as stated in the **BDS**.
- 13.2.
- (a) Unless otherwise stated in the **BDS**, all bids that exceed the ABC shall not be accepted.
 - (b) Unless otherwise indicated in the **BDS**, for foreign-funded procurement, a ceiling may be applied to bid prices provided the following conditions are met:
 - (i) Bidding Documents are obtainable free of charge on a freely accessible website. If payment of Bidding Documents is required by the procuring entity, payment could be made upon the submission of bids.
 - (ii) The procuring entity has procedures in place to ensure that the ABC is based on recent estimates made by the responsible unit of the procuring entity and that the estimates reflect the quality, supervision and risk and inflationary factors, as well as prevailing market prices, associated with the types of works or goods to be procured.
 - (iii) The procuring entity has trained cost estimators on estimating prices and analyzing bid variances.
 - (iv) The procuring entity has established a system to monitor and report bid prices relative to ABC and engineer's/procuring entity's estimate.
 - (v) The procuring entity has established a monitoring and evaluation system for contract implementation to provide a feedback on actual total costs of goods and works.

14. Alternative Bids

- 14.1 Alternative Bids shall be rejected. For this purpose, alternative bid is an offer made by a Bidder in addition or as a substitute to its original bid which may be included as part of its original bid or submitted separately therewith for purposes of bidding. A bid with options is considered an alternative bid regardless of whether said bid proposal is contained in a single envelope or submitted in two (2) or more separate bid envelopes.

- 14.2 Each Bidder shall submit only one Bid, either individually or as a partner in a JV. A Bidder who submits or participates in more than one bid (other than as a subcontractor if a subcontractor is permitted to participate in more than one bid) will cause all the proposals with the Bidder's participation to be disqualified. This shall be without prejudice to any applicable criminal, civil and administrative penalties that may be imposed upon the persons and entities concerned.

15. Bid Prices

- 15.1. The Bidder shall complete the appropriate Schedule of Prices included herein, stating the unit prices, total price per item, the total amount and the expected countries of origin of the Goods to be supplied under this Project.
- 15.2. The Bidder shall fill in rates and prices for all items of the Goods described in the Schedule of Prices. Bids not addressing or providing all of the required items in the Bidding Documents including, where applicable, Schedule of Prices, shall be considered non-responsive and, thus, automatically disqualified. In this regard, where a required item is provided, but no price is indicated, the same shall be considered as non-responsive, but specifying a zero (0) or a dash (-) for the said item would mean that it is being offered for free to the Government, except those required by law or regulations to be accomplished.
- 15.3. The terms Ex Works (EXW), Cost, Insurance and Freight (CIF), Cost and Insurance Paid to (CIP), Delivered Duty Paid (DDP), and other trade terms used to describe the obligations of the parties, shall be governed by the rules prescribed in the current edition of the International Commercial Terms (INCOTERMS) published by the International Chamber of Commerce, Paris.
- 15.4. Prices indicated on the Price Schedule shall be entered separately in the following manner:
- (a) For Goods offered from within the Procuring Entity's country:
 - (i) The price of the Goods quoted EXW (ex works, ex factory, ex warehouse, ex showroom, or off-the-shelf, as applicable);
 - (ii) The cost of all customs duties and sales and other taxes already paid or payable;
 - (iii) The cost of transportation, insurance, and other costs incidental to delivery of the Goods to their final destination; and
 - (iv) The price of other (incidental) services, if any, listed in the **BDS**.
 - (b) For Goods offered from abroad:
 - (i) Unless otherwise stated in the **BDS**, the price of the Goods shall be quoted 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, listed in the **BDS**.
 - (c) For Services, based on the form which may be prescribed by the Procuring Entity, in accordance with existing laws, rules and regulations
- 15.5. Prices quoted by the Bidder shall be fixed during the Bidder's performance of the contract and not subject to variation or price escalation on any account. A bid submitted with an adjustable price quotation shall be treated as non-responsive and shall be rejected, pursuant to **ITB** Clause 24.

All bid prices for the given scope of work in the contract as awarded shall be considered as fixed prices, and therefore not subject to price escalation during contract implementation, except under extraordinary circumstances. Upon the recommendation of the Procuring Entity, price escalation may be allowed in extraordinary circumstances as may be determined by the National Economic and Development Authority in accordance with the Civil Code of the Philippines, and upon approval by the GPPB. Nevertheless, in cases where the cost of the awarded contract is affected by any applicable new laws, ordinances, regulations, or other acts of the GOP, promulgated after the date of bid opening, a contract price adjustment shall be made or appropriate relief shall be applied on a no loss-no gain basis.

16. Bid Currencies

- 16.1. Prices shall be quoted in the following currencies:
 - (a) For Goods that the Bidder will supply from within the Philippines, the prices shall be quoted in Philippine Pesos.
 - (b) For Goods that the Bidder will supply from outside the Philippines, the prices may be quoted in the currency(ies) stated in the **BDS**. 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 *Bangko Sentral ng Pilipinas* (BSP) reference rate bulletin on the day of the bid opening.
- 16.2. If so allowed in accordance with **ITB** Clause 16.1, the Procuring Entity for purposes of bid evaluation and comparing the bid prices will convert the amounts in various currencies in which the bid price is expressed to Philippine Pesos at the foregoing exchange rates.
- 16.3. Unless otherwise specified in the **BDS**, payment of the contract price shall be made in Philippine Pesos.

17. Bid Validity

- 17.1. Bids shall remain valid for the period specified in the **BDS** which shall not exceed one hundred twenty (120) calendar days from the date of the opening of bids.
- 17.2. In exceptional circumstances, prior to the expiration of the bid validity period, the Procuring Entity may request Bidders to extend the period of validity of their bids. The request and the responses shall be made in writing. The bid security described in **ITB** Clause 18 should also be extended corresponding to the extension of the bid validity period at the least. A Bidder may refuse the request without forfeiting its bid security, but his bid shall no longer be considered for further evaluation and award. A Bidder granting the request shall not be required or permitted to modify its bid.

18. Bid Security

- 18.1. The Bidder shall submit a Bid Securing Declaration or any form of Bid Security in the amount stated in the **BDS**, which shall be not less than the percentage of the ABC in accordance with the following schedule:

Form of Bid Security	Amount of Bid Security (Not Less than the Percentage of the ABC)
(a) Cash or cashier's/manager's check issued by a Universal or Commercial Bank.	Two percent (2%)

(b) Bank draft/guarantee or irrevocable letter of credit issued by a Universal or Commercial 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.	Five percent (5%)

The Bid Securing Declaration mentioned above is an undertaking which states, among others, that the Bidder shall enter into contract with the procuring entity and furnish the performance security required under ITB Clause 33.2, within ten (10) calendar days from receipt of the Notice of Award, and commits to pay the corresponding amount as fine, and be suspended for a period of time from being qualified to participate in any government procurement activity in the event it violates any of the conditions stated therein as provided in the guidelines issued by the GPPB.

- 18.2. The bid security should be valid for the period specified in the **BDS**. Any bid not accompanied by an acceptable bid security shall be rejected by the Procuring Entity as non-responsive.
- 18.3. No bid securities shall be returned to Bidders after the opening of bids and before contract signing, except to those that failed or declared as post-disqualified, upon submission of a written waiver of their right to file a request for reconsideration and/or protest, or upon the lapse of the reglementary period to file a request for reconsideration or protest. Without prejudice on its forfeiture, bid securities shall be returned only after the Bidder with the Lowest Calculated Responsive Bid (LCRB) has signed the contract and furnished the performance security, but in no case later than the expiration of the bid security validity period indicated in **ITB** Clause 18.2.
- 18.4. Upon signing and execution of the contract pursuant to **ITB** Clause 32, and the posting of the performance security pursuant to **ITB** Clause 33, the successful Bidder's bid security will be discharged, but in no case later than the bid security validity period as indicated in the **ITB** Clause 18.2.
- 18.5. The bid security may be forfeited:
 - (a) if a Bidder:
 - (i) withdraws its bid during the period of bid validity specified in **ITB** Clause 17;
 - (ii) does not accept the correction of errors pursuant to **ITB** Clause 28.3(b);
 - (iii) has a finding against the veracity of any of the documents submitted as stated in **ITB** Clause 29.2;
 - (iv) submission of eligibility requirements containing false information or falsified documents;
 - (v) submission of bids that contain false information or falsified documents, or the concealment of such information in the bids in order to influence the outcome of eligibility screening or any other stage of the public bidding;

- (vi) allowing the use of one's name, or using the name of another for purposes of public bidding;
 - (vii) withdrawal of a bid, or refusal to accept an award, or enter into contract with the Government without justifiable cause, after the Bidder had been adjudged as having submitted the LCRB;
 - (viii) refusal or failure to post the required performance security within the prescribed time;
 - (ix) refusal to clarify or validate in writing its bid during post-qualification within a period of seven (7) calendar days from receipt of the request for clarification;
 - (x) any documented attempt by a Bidder to unduly influence the outcome of the bidding in his favor;
 - (xi) failure of the potential joint venture partners to enter into the joint venture after the bid is declared successful; or
 - (xii) all other acts that tend to defeat the purpose of the competitive bidding, such as habitually withdrawing from bidding, submitting late Bids or patently insufficient bid, for at least three (3) times within a year, except for valid reasons.
- (b) if the successful Bidder:
- (i) fails to sign the contract in accordance with **ITB** Clause 32; or
 - (ii) fails to furnish performance security in accordance with **ITB** Clause 33.

19. Format and Signing of Bids

- 19.1. Bidders shall submit their bids through their duly authorized representative using the appropriate forms provided in
- 19.2. on or before the deadline specified in the **ITB** Clauses 21 in two (2) separate sealed bid envelopes, and which shall be submitted simultaneously. The first shall contain the technical component of the bid, including the eligibility requirements under **ITB** Clause 12.1, and the second shall contain the financial component of the bid. This shall also be observed for each lot in the case of lot procurement.
- 19.3. Forms as mentioned in **ITB** Clause 19.1 must be completed without any alterations to their format, and no substitute form shall be accepted. All blank spaces shall be filled in with the information requested.
- 19.4. The Bidder shall prepare and submit an original of the first and second envelopes as described in **ITB** Clauses 12 and 13. In addition, the Bidder shall submit copies of the first and second envelopes. In the event of any discrepancy between the original and the copies, the original shall prevail.
- 19.5. Each and every page of the Bid Form, including the Schedule of Prices, under Section VIII hereof, shall be signed by the duly authorized representative/s of the Bidder. Failure to do so shall be a ground for the rejection of the bid.
- 19.6. Any interlineations, erasures, or overwriting shall be valid only if they are signed or initialed by the duly authorized representative/s of the Bidder.

20. Sealing and Marking of Bids

- 20.1. Bidders shall enclose their original eligibility and technical documents described in **ITB** Clause 12 in one sealed envelope marked “ORIGINAL - TECHNICAL COMPONENT”, and the original of their financial component in another sealed envelope marked “ORIGINAL - FINANCIAL COMPONENT”, sealing them all in an outer envelope marked “ORIGINAL BID”.
- 20.2. Each copy of the first and second envelopes shall be similarly sealed duly marking the inner envelopes as “COPY NO. ____ - TECHNICAL COMPONENT” and “COPY NO. ____ – FINANCIAL COMPONENT” and the outer envelope as “COPY NO. ____”, respectively. These envelopes containing the original and the copies shall then be enclosed in one single envelope.
- 20.3. The original and the number of copies of the Bid as indicated in the **BDS** shall be typed or written in ink and shall be signed by the Bidder or its duly authorized representative/s.
- 20.4. All envelopes shall:
 - (a) contain the name of the contract to be bid in capital letters;
 - (b) bear the name and address of the Bidder in capital letters;
 - (c) be addressed to the Procuring Entity’s BAC in accordance with **ITB** Clause 1.1;
 - (d) bear the specific identification of this bidding process indicated in the **ITB** Clause 1.2; and
 - (e) bear a warning “DO NOT OPEN BEFORE...” the date and time for the opening of bids, in accordance with **ITB** Clause 21.
- 20.5. Bid envelopes that are not properly sealed and marked, as required in the bidding documents, shall not be rejected, but the Bidder or its duly authorized representative shall acknowledge such condition of the bid as submitted. The BAC or the Procuring Entity shall assume no responsibility for the misplacement of the contents of the improperly sealed or marked bid, or for its premature opening.

D. Submission and Opening of Bids

21. Deadline for Submission of Bids

Bids must be received by the Procuring Entity’s BAC at the address and on or before the date and time indicated in the **BDS**.

22. Late Bids

Any bid submitted after the deadline for submission and receipt of bids prescribed by the Procuring Entity, pursuant to **ITB** Clause 21, shall be declared “Late” and shall not be accepted by the Procuring Entity. The BAC shall record in the minutes of bid submission and opening, the Bidder’s name, its representative and the time the late bid was submitted.

23. Modification and Withdrawal of Bids

- 23.1. The Bidder may modify its bid after it has been submitted; provided that the modification is received by the Procuring Entity prior to the deadline prescribed for submission and receipt of bids. The Bidder shall not be allowed to retrieve its original bid, but shall be allowed to submit another bid equally sealed and properly identified in accordance with **ITB** Clause 20, linked to its original bid marked as “TECHNICAL MODIFICATION” or “FINANCIAL

MODIFICATION” and stamped “received” by the BAC. Bid modifications received after the applicable deadline shall not be considered and shall be returned to the Bidder unopened.

- 23.2 A Bidder may, through a Letter of Withdrawal, withdraw its bid after it has been submitted, for valid and justifiable reason; provided that the Letter of Withdrawal is received by the Procuring Entity prior to the deadline prescribed for submission and receipt of bids. The Letter of Withdrawal must be executed by the duly authorized representative of the Bidder identified in the Omnibus Sworn Statement, a copy of which should be attached to the letter.
- 23.3 Bids requested to be withdrawn in accordance with **ITB** Clause 23.1 shall be returned unopened to the Bidders. A Bidder, who has acquired the bidding documents, may also express its intention not to participate in the bidding through a letter which should reach and be stamped by the BAC before the deadline for submission and receipt of bids. A Bidder that withdraws its bid shall not be permitted to submit another bid, directly or indirectly, for the same contract.
- 23.4 No bid may be modified after the deadline for submission of bids. No bid may be withdrawn in the interval between the deadline for submission of bids and the expiration of the period of bid validity specified by the Bidder on the Financial Bid Form. Withdrawal of a bid during this interval shall result in the forfeiture of the Bidder’s bid security, pursuant to **ITB** Clause 18.5, and the imposition of administrative, civil and criminal sanctions as prescribed by RA 9184 and its IRR.

24. Opening and Preliminary Examination of Bids

- 24.1 The BAC shall open the bids in public, immediately after the deadline for the submission and receipt of bids, as specified in the **BDS**. In case the Bids cannot be opened as scheduled due to justifiable reasons, the BAC shall take custody of the Bids submitted and reschedule the opening of Bids on the next working day or at the soonest possible time through the issuance of a Notice of Postponement to be posted in the PhilGEPS website and the website of the Procuring Entity concerned.
- 24.2 Unless otherwise specified in the **BDS**, the BAC shall open the first bid envelopes and determine each Bidder’s compliance with the documents prescribed in **ITB** Clause 12, using a non-discretionary “pass/fail” criterion. If a Bidder submits the required document, it shall be rated “passed” for that particular requirement. In this regard, bids that fail to include any requirement or are incomplete or patently insufficient shall be considered as “failed”. Otherwise, the BAC shall rate the said first bid envelope as “passed”.
- 24.3 Unless otherwise specified in the **BDS**, immediately after determining compliance with the requirements in the first envelope, the BAC shall forthwith open the second bid envelope of each remaining eligible bidder whose first bid envelope was rated “passed”. The second envelope of each complying bidder shall be opened within the same day. In case one or more of the requirements in the second envelope of a particular bid is missing, incomplete or patently insufficient, and/or if the submitted total bid price exceeds the ABC unless otherwise provided in **ITB** Clause 13.2, the BAC shall rate the bid concerned as “failed”. Only bids that are determined to contain all the bid requirements for both components shall be rated “passed” and shall immediately be considered for evaluation and comparison.
- 24.4 Letters of Withdrawal shall be read out and recorded during bid opening, and the envelope containing the corresponding withdrawn bid shall be returned to the Bidder unopened.
- 24.5 All members of the BAC who are present during bid opening shall initial every page of the original copies of all bids received and opened.
- 24.6 In the case of an eligible foreign bidder as described in **ITB** Clause 5, the following Class “A” Documents may be substituted with the appropriate equivalent documents, if any, issued by the country of the foreign Bidder concerned, which shall likewise be uploaded and maintained in the PhilGEPS in accordance with Section 8.5.2 of the IRR:

- (a) Registration certificate from the Securities and Exchange Commission (SEC), Department of Trade and Industry (DTI) for sole proprietorship, or CDA for cooperatives;
 - (b) Mayor's/Business permit issued by the local government where the principal place of business of the bidder is located; and
 - (c) Audited Financial Statements showing, among others, the prospective bidder's total and current assets and liabilities stamped "received" by the Bureau of Internal Revenue or its duly accredited and authorized institutions, for the preceding calendar year which should not be earlier than two years from the date of bid submission.
- 24.7. Each partner of a joint venture agreement shall likewise submit the requirements in **ITB** Clause 12.1(a)(i). Submission of documents required under **ITB** Clauses 12.1(a)(ii) to 12.1(a)(iii) by any of the joint venture partners constitutes compliance.
- 24.8. The Procuring Entity shall prepare the minutes of the proceedings of the bid opening that shall include, as a minimum: (a) names of Bidders, their bid price (per lot, if applicable, and/or including discount, if any), bid security, findings of preliminary examination, and whether there is a withdrawal or modification; and (b) attendance sheet. The BAC members shall sign the abstract of bids as read.
- 24.8. The bidders or their duly authorized representatives may attend the opening of bids. The BAC shall ensure the integrity, security, and confidentiality of all submitted bids. The Abstract of Bids as read and the minutes of the bid opening shall be made available to the public upon written request and payment of a specified fee to recover cost of materials.
- 24.9. To ensure transparency and accurate representation of the bid submission, the BAC Secretariat shall notify in writing all bidders whose bids it has received through its PhilGEPS-registered physical address or official e-mail address. The notice shall be issued within seven (7) calendar days from the date of the bid opening.

E. Evaluation and Comparison of Bids

25. Process to be Confidential

- 25.1. Members of the BAC, including its staff and personnel, as well as its Secretariat and TWG, are prohibited from making or accepting any kind of communication with any bidder regarding the evaluation of their bids until the issuance of the Notice of Award, unless otherwise allowed in the case of **ITB** Clause 26.
- 25.2. Any effort by a bidder to influence the Procuring Entity in the Procuring Entity's decision in respect of bid evaluation, bid comparison or contract award will result in the rejection of the Bidder's bid.

26. Clarification of Bids

To assist in the evaluation, comparison, and post-qualification of the bids, the Procuring Entity may ask in writing any Bidder for a clarification of its bid. All responses to requests for clarification shall be in writing. Any clarification submitted by a Bidder in respect to its bid and that is not in response to a request by the Procuring Entity shall not be considered.

27. Domestic Preference

- 27.1. Unless otherwise stated in the **BDS**, the Procuring Entity will grant a margin of preference for the purpose of comparison of bids in accordance with the following:

- (a) The preference shall be applied when the lowest Foreign Bid is lower than the lowest bid offered by a Domestic Bidder.
 - (b) For evaluation purposes, the lowest Foreign Bid shall be increased by fifteen percent (15%).
 - (c) In the event that the lowest bid offered by a Domestic Bidder does not exceed the lowest Foreign Bid as increased, then the Procuring Entity shall award the contract to the Domestic Bidder at the amount of the lowest Foreign Bid.
 - (d) If the Domestic Bidder refuses to accept the award of contract at the amount of the Foreign Bid within two (2) calendar days from receipt of written advice from the BAC, the Procuring Entity shall award to the bidder offering the Foreign Bid, subject to post-qualification and submission of all the documentary requirements under these Bidding Documents.
- 27.2. A Bidder may be granted preference as a Domestic Bidder subject to the certification from the DTI that the Bidder is offering unmanufactured articles, materials or supplies of the growth or production of the Philippines, or manufactured articles, materials, or supplies manufactured or to be manufactured in the Philippines substantially from articles, materials, or supplies of the growth, production, or manufacture, as the case may be, of the Philippines.

28. Detailed Evaluation and Comparison of Bids

- 28.1. The Procuring Entity will undertake the detailed evaluation and comparison of bids which have passed the opening and preliminary examination of bids, pursuant to **ITB** Clause 24, in order to determine the Lowest Calculated Bid.
- 28.2. The Lowest Calculated Bid shall be determined in two steps:
- (a) The detailed evaluation of the financial component of the bids, to establish the correct calculated prices of the bids; and
 - (b) The ranking of the total bid prices as so calculated from the lowest to the highest. The bid with the lowest price shall be identified as the Lowest Calculated Bid.
- 28.3. 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 following in the evaluation of bids:
- (a) Completeness of the bid. Unless the **BDS** allows partial bids, bids not addressing or providing all of the required items in the Schedule of Requirements including, where applicable, Schedule of Prices, shall be considered non-responsive and, thus, automatically disqualified. In this regard, where a required item is provided, but no price is indicated, the same shall be considered as non-responsive, but specifying a zero (0) or a dash (-) for the said item would mean that it is being offered for free to the Procuring Entity, except those required by law or regulations to be provided for; and
 - (b) Arithmetical corrections. Consider computational errors and omissions to enable proper comparison of all eligible bids. It may also consider bid modifications. Any adjustment shall be calculated in monetary terms to determine the calculated prices.
- 28.4. Based on the detailed evaluation of bids, those that comply with the above-mentioned requirements shall be ranked in the ascending order of their total calculated bid prices, as evaluated and corrected for computational errors, discounts and other modifications, to identify the Lowest Calculated Bid. Total calculated bid prices, as evaluated and corrected for

computational errors, discounts and other modifications, which exceed the ABC shall not be considered, unless otherwise indicated in the **BDS**.

- 28.5. The Procuring Entity's evaluation of bids shall be based on the bid price quoted in the Bid Form, which includes the Schedule of Prices.
- 28.6. Bids shall be evaluated on an equal footing to ensure fair competition. For this purpose, all bidders shall be required to include in their bids the cost of all taxes, such as, but not limited to, value added tax (VAT), income tax, local taxes, and other fiscal levies and duties which shall be itemized in the bid form and reflected in the detailed estimates. Such bids, including said taxes, shall be the basis for bid evaluation and comparison.
- 28.7. If so indicated pursuant to **ITB** Clause 1.2, Bids are being invited for individual lots or for any combination thereof, provided that all Bids and combinations of Bids 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 prices quoted shall correspond to all items specified for each lot and to all quantities specified for each item of a lot. Bid Security as required by **ITB** Clause 18 shall be submitted for each contract (lot) separately. The basis for evaluation of lots is specified in BDS Clause 28.3.

29. Post-Qualification

- 29.1. The BAC shall determine to its satisfaction whether the Bidder that is evaluated as having submitted the Lowest Calculated Bid complies with and is responsive to all the requirements and conditions specified in **ITB** Clauses 5, 12, and 13.
- 29.2. Within a non-extendible period of five (5) calendar days from receipt by the bidder of the notice from the BAC that it submitted the Lowest Calculated Bid, the Bidder shall submit its latest income and business tax returns filed and paid through the BIR Electronic Filing and Payment System (eFPS) and other appropriate licenses and permits required by law and stated in the **BDS**.

Failure to submit any of the post-qualification requirements on time, or a finding against the veracity thereof, shall disqualify the bidder for award. Provided in the event that a finding against the veracity of any of the documents submitted is made, it shall cause the forfeiture of the bid security in accordance with Section 69 of the IRR of RA 9184.
- 29.3. The determination shall be based upon an examination of the documentary evidence of the Bidder's qualifications submitted pursuant to **ITB** Clauses 12 and 13, as well as other information as the Procuring Entity deems necessary and appropriate, using a non-discretionary "pass/fail" criterion, which shall be completed within a period of twelve (12) calendar days.
- 29.4. If the BAC determines that the Bidder with the Lowest Calculated Bid passes all the criteria for post-qualification, it shall declare the said bid as the LCRB, and recommend to the HoPE the award of contract to the said Bidder at its submitted price or its calculated bid price, whichever is lower.
- 29.5. A negative determination shall result in rejection of the Bidder's Bid, in which event the Procuring Entity shall proceed to the next Lowest Calculated Bid with a fresh period to make a similar determination of that Bidder's capabilities to perform satisfactorily. If the second Bidder, however, fails the post qualification, the procedure for post qualification shall be repeated for the Bidder with the next Lowest Calculated Bid, and so on until the LCRB is determined for recommendation for contract award.
- 29.6. Within a period not exceeding fifteen (15) calendar days from the determination by the BAC of the LCRB and the recommendation to award the contract, the HoPE or his duly authorized representative shall approve or disapprove the said recommendation.

- 29.7. In the event of disapproval, which shall be based on valid, reasonable, and justifiable grounds as provided for under Section 41 of the IRR of RA 9184, the HoPE shall notify the BAC and the Bidder in writing of such decision and the grounds for it. When applicable, the BAC shall conduct a post-qualification of the Bidder with the next Lowest Calculated Bid. A request for reconsideration may be filed by the bidder with the HoPE in accordance with Section 37.1.3 of the IRR of RA 9184.

30. Reservation Clause

- 30.1. Notwithstanding the eligibility or post-qualification of a Bidder, the Procuring Entity concerned reserves the right to review its qualifications at any stage of the procurement process if it has reasonable grounds to believe that a misrepresentation has been made by the said Bidder, or that there has been a change in the Bidder's capability to undertake the project from the time it submitted its eligibility requirements. Should such review uncover any misrepresentation made in the eligibility and bidding requirements, statements or documents, or any changes in the situation of the Bidder which will affect its capability to undertake the project so that it fails the preset eligibility or bid evaluation criteria, the Procuring Entity shall consider the said Bidder as ineligible and shall disqualify it from submitting a bid or from obtaining an award or contract.
- 30.2. Based on the following grounds, the Procuring Entity reserves the right to reject any and all bids, declare a Failure of Bidding at any time prior to the contract award, or not to award the contract, without thereby incurring any liability, and make no assurance that a contract shall be entered into as a result of the bidding:
- (a) If there is *prima facie* evidence of collusion between appropriate public officers or employees of the Procuring Entity, or between the BAC and any of the Bidders, or if the collusion is between or among the bidders themselves, or between a Bidder and a third party, including any act which restricts, suppresses or nullifies or tends to restrict, suppress or nullify competition;
 - (b) If the Procuring Entity's BAC is found to have failed in following the prescribed bidding procedures; or
 - (c) For any justifiable and reasonable ground where the award of the contract will not redound to the benefit of the GOP as follows:
 - (i) If the physical and economic conditions have significantly changed so as to render the project no longer economically, financially or technically feasible as determined by the HoPE;
 - (ii) If the project is no longer necessary as determined by the HoPE; and
 - (iii) If the source of funds for the project has been withheld or reduced through no fault of the Procuring Entity.
- 30.3. In addition, the Procuring Entity may likewise declare a failure of bidding when:
- (a) No bids are received;
 - (b) All prospective Bidders are declared ineligible;
 - (c) All bids fail to comply with all the bid requirements or fail post-qualification; or
 - (d) The bidder with the LCRB refuses, without justifiable cause to accept the award of contract, and no award is made in accordance with Section 40 of the IRR of RA 9184.

F. Award of Contract

31. Contract Award

- 31.1. Subject to **ITB** Clause 29, the HoPE or its duly authorized representative shall award the contract to the Bidder whose bid has been determined to be the LCRB.
- 31.2. Prior to the expiration of the period of bid validity, the Procuring Entity shall notify the successful Bidder in writing that its bid has been accepted, through a Notice of Award duly received by the Bidder or its representative personally or sent by registered mail or electronically, receipt of which must be confirmed in writing within two (2) days by the Bidder with the LCRB and submitted personally or sent by registered mail or electronically to the Procuring Entity.
- 31.3. Notwithstanding the issuance of the Notice of Award, award of contract shall be subject to the following conditions:
 - (a) Submission of the following documents within ten (10) calendar days from receipt of the Notice of Award:
 - (i) Valid JVA, if applicable; or
 - (ii) In the case of procurement by a Philippine Foreign Service Office or Post, the PhilGEPS Registration Number of the winning foreign Bidder;
 - (b) Posting of the performance security in accordance with **ITB** Clause 33;
 - (c) Signing of the contract as provided in **ITB** Clause 32; and
 - (d) Approval by higher authority, if required, as provided in Section 37.3 of the IRR of RA 9184.
- 31.4. At the time of contract award, the Procuring Entity shall not increase or decrease the quantity of goods originally specified in Section VI. Schedule of Requirements.

32. Signing of the Contract

- 32.1. At the same time as the Procuring Entity notifies the successful Bidder that its bid has been accepted, the Procuring Entity shall send the Contract Form to the Bidder, which contract has been provided in the Bidding Documents, incorporating therein all agreements between the parties.
- 32.2. Within ten (10) calendar days from receipt of the Notice of Award, the successful Bidder shall post the required performance security, sign and date the contract and return it to the Procuring Entity.
- 32.3. The Procuring Entity shall enter into contract with the successful Bidder within the same ten (10) calendar day period provided that all the documentary requirements are complied with.
- 32.4. The following documents shall form part of the contract:
 - (a) Contract Agreement;
 - (b) Bidding Documents;
 - (c) Winning bidder's bid, including the Technical and Financial Proposals, and all other documents/statements submitted (*e.g.*, bidder's response to request for clarifications

on the bid), including corrections to the bid, if any, resulting from the Procuring Entity's bid evaluation;

- (d) Performance Security;
- (e) Notice of Award of Contract; and
- (f) Other contract documents that may be required by existing laws and/or specified in the **BDS**.

33. Performance Security

33.1. To guarantee the faithful performance by the winning Bidder of its obligations under the contract, it shall post a performance security within a maximum period of ten (10) calendar days from the receipt of the Notice of Award from the Procuring Entity and in no case later than the signing of the contract.

33.2. The Performance Security shall be denominated in Philippine Pesos and posted in favor of the Procuring Entity in an amount not less than the percentage of the total contract price in accordance with the following schedule:

Form of Performance Security	Amount of Performance Security (Not less than the Percentage of the Total Contract Price)
<p>(a) Cash or cashier's/manager's check issued by a Universal or Commercial Bank.</p> <p><i>For biddings conducted by the LGUs, the Cashier's/Manager's Check may be issued by other banks certified by the BSP as authorized to issue such financial instrument.</i></p>	Five percent (5%)
<p>(b) Bank draft/guarantee or irrevocable letter of credit issued by a Universal or Commercial Bank: Provided, however, that it shall be confirmed or authenticated by a Universal or Commercial Bank, if issued by a foreign bank.</p> <p><i>For biddings conducted by the LGUs, the Bank Draft/ Guarantee or Irrevocable Letter of Credit may be issued by other banks certified by the BSP as authorized to issue such financial instrument.</i></p>	
<p>(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.</p>	Thirty percent (30%)

33.3. Failure of the successful Bidder to comply with the above-mentioned requirement shall constitute sufficient ground for the annulment of the award and forfeiture of the bid security, in which event the Procuring Entity shall have a fresh period to initiate and complete the post qualification of the second Lowest Calculated Bid. The procedure shall be repeated until the

LCRB is identified and selected for recommendation of contract award. However if no Bidder passed post-qualification, the BAC shall declare the bidding a failure and conduct a re-bidding with re-advertisement, if necessary.

34. Notice to Proceed

Within seven (7) calendar days from the date of approval of the contract by the appropriate government approving authority, the Procuring Entity shall issue the Notice to Proceed (NTP) together with a copy or copies of the approved contract to the successful Bidder. All notices called for by the terms of the contract shall be effective only at the time of receipt thereof by the successful Bidder.

35. Protest Mechanism

Decisions of the procuring entity at any stage of the procurement process may be questioned in accordance with Section 55 of the IRR of RA 9184.

Section III. Bid Data Sheet

Notes on the Bid Data Sheet

Section III is intended to assist the Procuring Entity in providing the specific information in relation to corresponding clauses in the ITB included in Section II, and has to be prepared for each specific procurement.

The Procuring Entity should specify in the BDS information and requirements specific to the circumstances of the Procuring Entity, the processing of the procurement, the applicable rules regarding bid price and currency, and the bid evaluation criteria that will apply to the bids. In preparing Section III, the following aspects should be checked:

- (a) Information that specifies and complements provisions of Section II must be incorporated.
- (b) Amendments and/or supplements, if any, to provisions of Section II as necessitated by the circumstances of the specific procurement, must also be incorporated.

For foreign-assisted projects, the Bid Data Sheet to be used is provided in Section IX-Foreign-Assisted Projects.

Bid Data Sheet

ITB Clause	
1.1	<p>The Procuring Entity is <i>Cotabato City State Polytechnic College</i></p> <p>The name of the Contract is <i>Upgrading and Enhancement of Laboratory Facilities</i></p> <p>The identification number of the Contract is <i>CCSPC-PB-06-2020</i>.</p>
1.2	<p>The lot(s) and reference is/are:</p> <p><i>PhilGEPS Reference No.</i></p>
2	<p>The Funding Source is:</p> <p>The Government of the Philippines (GOP) through <i>Government Appropriation Act FY 2021</i> in the amount of <i>Twenty Nine Million Three Hundred Fifty Two Thousand Three Hundred Pesos (Php 29,352,300.00)</i></p> <p>The name of the Project is: <i>Upgrading and Enhancement of Laboratory Facilities</i></p>
3.1	No further instructions.
5.1	No further instructions.
5.2	Foreign bidders, except those falling under ITB Clause 5.2(b), may not participate in this Project.
5.4	The Bidder must have completed, within the period specified in the Invitation to Bid and ITB Clause 12.1(a)(ii), a single contract that is similar to this Project, equivalent to at least fifty percent (50%) of the ABC.
7	No further instructions.
8.1	“Subcontracting is not allowed.”
8.2	“Not applicable”.
9.1	The Procuring Entity will hold a pre-bid conference for this Project on <i>December 01, 2020 at 9:00AM</i> at the <i>Conference Room, Research Bldg., CCSPC Campus, Cotabato City</i>
10.1	<p>The Procuring Entity’s address is:</p> <p><i>COTABATO CITY STATE POLYTECHNIC COLLEGE</i></p> <p><i>JOHN A. ALLESA</i></p> <p><i>(064) 552-2162</i></p>

	<u>bac@ccspc.edu.ph</u>
12.1(a)	No further instructions.
12.1(a)(ii)	The bidder's SLCC similar to the contract to be bid should have been completed within <i>three (3) years</i> prior to the deadline for the submission and receipt of bids.
13.1	"No additional requirements."
13.1(b)	No further instructions.
13.1(c)	"No additional requirements."
13.2	The ABC is <i>Twenty Nine Million Three Hundred Fifty Two Thousand Three Hundred Pesos (Php 29,352,300.00)</i> Any bid with a financial component exceeding this amount shall not be accepted.
15.4(a)(iv)	"No incidental services are required."
15.4(b)	"Not applicable"
16.1(b)	The Bid prices for Goods supplied from outside of the Philippines shall be
16.3	"Not applicable"
17.1	Bids will be valid until <i>Sixty (60) days from bid opening</i> .
18.1	The bid security shall be in the form of a Bid Securing Declaration, or any of the following forms and amounts: 1. The amount of not less than Php 587,046.00 <i>[Insert 2% of ABC]</i> , if bid security is in cash, cashier's/manager's check, bank draft/guarantee or irrevocable letter of credit; or 2. The amount of not less than Php 1,467,615.00 <i>[Insert 5% of ABC]</i> if bid security is in Surety Bond.
18.2	The bid security shall be valid until <i>120 days from bid opening</i> .
20.3	Each Bidder shall submit <i>One (1) original and Two (2) copies</i> of the first and second components of its bid.
21	The address for submission of bids is <i>BIDS AND AWARDS COMMITTEE Cotabato City State Polytechnic College Sinsuat Avenue, Cotabato City</i>

	The deadline for submission of bids is on or before 9:00AM, December 15, 2020
24.1	The place of bid opening is <i>CCSPC Conference Room, e-building, CCSPC Campus, Cotabato City</i> The date and time of bid opening is <i>December 15, 2020 @ 9:00AM.</i>
24.2	No further instructions.
24.3	No further instructions.
27.1	No further instructions.
28.3 (a)	Partial bid is not allowed. The goods are grouped in a single lot and the lot shall not be divided into sub-lots for the purpose of bidding, evaluation, and contract award.
28.4	No further instructions.
29.2	<i>“No additional requirement.”</i>
32.4(f)	<i>“No additional requirement.”</i>

Section IV. General Conditions of Contract

Notes on the General Conditions of Contract

The GCC in Section IV, read in conjunction with the SCC in Section V and other documents listed therein, should be a complete document expressing all the rights and obligations of the parties.

The GCC herein shall not be altered. Any changes and complementary information, which may be needed, shall be introduced only through the SCC in Section V.

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1. Definitions

1.1. In this Contract, the following terms shall be interpreted as indicated:

- (a) “The Contract” means the agreement entered into between the Procuring Entity and the Supplier, as recorded in the Contract Form signed by the parties, including all attachments and appendices thereto and all documents incorporated by reference therein.
- (b) “The Contract Price” means the price payable to the Supplier under the Contract for the full and proper performance of its contractual obligations.
- (c) “The Goods” means all of the supplies, equipment, machinery, spare parts, other materials and/or general support services which the Supplier is required to provide to the Procuring Entity under the Contract.
- (d) “The Services” means those services ancillary to the supply of the Goods, such as transportation and insurance, and any other incidental services, such as installation, commissioning, provision of technical assistance, training, and other such obligations of the Supplier covered under the Contract.
- (e) “GCC” means the General Conditions of Contract contained in this Section.
- (f) “SCC” means the Special Conditions of Contract.
- (g) “The Procuring Entity” means the organization purchasing the Goods, as named in the SCC.
- (h) “The Procuring Entity’s country” is the Philippines.
- (i) “The Supplier” means the individual contractor, manufacturer distributor, or firm supplying/manufacturing the Goods and Services under this Contract and named in the SCC.
- (j) The “Funding Source” means the organization named in the SCC.
- (k) “The Project Site,” where applicable, means the place or places named in the SCC.
- (l) “Day” means calendar day.
- (m) The “Effective Date” of the contract will be the date of signing the contract, however the Supplier shall commence performance of its obligations only upon receipt of the Notice to Proceed and copy of the approved contract.
- (n) “Verified Report” refers to the report submitted by the Implementing Unit to the HoPE setting forth its findings as to the existence of grounds or causes for termination and explicitly stating its recommendation for the issuance of a Notice to Terminate.

2. Corrupt, Fraudulent, Collusive, and Coercive Practices

2.1. Unless otherwise provided in the SCC, the Procuring Entity as well as the bidders, contractors, or suppliers shall observe the highest standard of ethics during the procurement and execution of this Contract. In pursuance of this policy, the Procuring Entity:

- (a) defines, for the purposes of this provision, the terms set forth below as follows:

- (i) "corrupt practice" means behavior on the part of officials in the public or private sectors by which they improperly and unlawfully enrich themselves, others, or induce others to do so, by misusing the position in which they are placed, and it includes the offering, giving, receiving, or soliciting of anything of value to influence the action of any such official in the procurement process or in contract execution; entering, on behalf of the Government, into any contract or transaction manifestly and grossly disadvantageous to the same, whether or not the public officer profited or will profit thereby, and similar acts as provided in Republic Act 3019.
- (ii) "fraudulent practice" means a misrepresentation of facts in order to influence a procurement process or the execution of a contract to the detriment of the Procuring Entity, and includes collusive practices among Bidders (prior to or after bid submission) designed to establish bid prices at artificial, non-competitive levels and to deprive the Procuring Entity of the benefits of free and open competition.
- (iii) "collusive practices" means a scheme or arrangement between two or more Bidders, with or without the knowledge of the Procuring Entity, designed to establish bid prices at artificial, non-competitive levels.
- (iv) "coercive practices" means harming or threatening to harm, directly or indirectly, persons, or their property to influence their participation in a procurement process, or affect the execution of a contract;
- (v) "obstructive practice" is
 - (aa) deliberately destroying, falsifying, altering or concealing of evidence material to an administrative proceedings or investigation or making false statements to investigators in order to materially impede an administrative proceedings or investigation of the Procuring Entity or any foreign government/foreign or international financing institution into allegations of a corrupt, fraudulent, coercive or collusive practice; and/or threatening, harassing or intimidating any party to prevent it from disclosing its knowledge of matters relevant to the administrative proceedings or investigation or from pursuing such proceedings or investigation; or
 - (bb) acts intended to materially impede the exercise of the inspection and audit rights of the Procuring Entity or any foreign government/foreign or international financing institution herein.
- (b) will reject a proposal for award if it determines that the Bidder recommended for award has engaged in any of the practices mentioned in this Clause for purposes of competing for the contract.

2.2. Further the Funding Source, Borrower or Procuring Entity, as appropriate, will seek to impose the maximum civil, administrative and/or criminal penalties available under the applicable law on individuals and organizations deemed to be involved with any of the practices mentioned in GCC Clause 2.1(a).

3. Inspection and Audit by the Funding Source

The Supplier shall permit the Funding Source to inspect the Supplier's accounts and records relating to the performance of the Supplier and to have them audited by auditors appointed by the Funding Source, if so required by the Funding Source.

4. Governing Law and Language

- 4.1. This Contract shall be interpreted in accordance with the laws of the Republic of the Philippines.
- 4.2. This Contract has been executed in the English language, which shall be the binding and controlling language for all matters relating to the meaning or interpretation of this Contract. All correspondence and other documents pertaining to this Contract exchanged by the parties shall be written in English.

5. Notices

- 5.1. Any notice, request, or consent required or permitted to be given or made pursuant to this Contract shall be in writing. Any such notice, request, or consent shall be deemed to have been given or made when received by the concerned party, either in person or through an authorized representative of the Party to whom the communication is addressed, or when sent by registered mail, telex, telegram, or facsimile to such Party at the address specified in the **SCC**, which shall be effective when delivered and duly received or on the notice's effective date, whichever is later.
- 5.2. A Party may change its address for notice hereunder by giving the other Party notice of such change pursuant to the provisions listed in the **SCC** for **GCC** Clause 5.1.

6. Scope of Contract

- 6.1. The Goods and Related Services to be provided shall be as specified in Section VI. Schedule of Requirements.
- 6.2. 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. Any additional requirements for the completion of this Contract shall be provided in the **SCC**.

7. Subcontracting

- 7.1. Subcontracting of any portion of the Goods, if allowed in the **BDS**, does not relieve the Supplier of any liability or obligation under this Contract. The Supplier will be responsible for the acts, defaults, and negligence of any subcontractor, its agents, servants or workmen as fully as if these were the Supplier's own acts, defaults, or negligence, or those of its agents, servants or workmen.
- 7.2. If subcontracting is allowed, the Supplier may identify its subcontractor during contract implementation. Subcontractors disclosed and identified during the bidding may be changed during the implementation of this Contract. In either case, subcontractors must submit the documentary requirements under **ITB** Clause 12 and comply with the eligibility criteria specified in the **BDS**. In the event that any subcontractor is found by the Procuring Entity to be ineligible, the subcontracting of such portion of the Goods shall be disallowed.

8. Procuring Entity's Responsibilities

- 8.1. Whenever the performance of the obligations in this Contract requires that the Supplier obtain permits, approvals, import, and other licenses from local public authorities, the Procuring Entity shall, if so needed by the Supplier, make its best effort to assist the Supplier in complying with such requirements in a timely and expeditious manner.
- 8.2. The Procuring Entity shall pay all costs involved in the performance of its responsibilities in accordance with **GCC** Clause 6.

9. Prices

- 9.1. For the given scope of work in this Contract as awarded, all bid prices are considered fixed prices, and therefore not subject to price escalation during contract implementation, except under extraordinary circumstances and upon prior approval of the GPPB in accordance with Section 61 of R.A. 9184 and its IRR or except as provided in this Clause.
- 9.2. Prices charged by the Supplier for Goods delivered and/or services performed under this Contract shall not vary from the prices quoted by the Supplier in its bid, with the exception of any change in price resulting from a Change Order issued in accordance with **GCC** Clause 29.

10. Payment

- 10.1. Payments shall be made only upon a certification by the HoPE to the effect that the Goods have been rendered or delivered in accordance with the terms of this Contract and have been duly inspected and accepted. Except with the prior approval of the President no payment shall be made for services not yet rendered or for supplies and materials not yet delivered under this Contract. Ten percent (10%) of the amount of each payment shall be retained by the Procuring Entity to cover the Supplier's warranty obligations under this Contract as described in **GCC** Clause 17.
- 10.2. The Supplier's request(s) for payment shall be made to the Procuring Entity in writing, accompanied by an invoice describing, as appropriate, the Goods delivered and/or Services performed, and by documents submitted pursuant to the **SCC** provision for **GCC** Clause 6.2, and upon fulfillment of other obligations stipulated in this Contract.
- 10.3. Pursuant to **GCC** Clause 10.2, payments shall be made promptly by the Procuring Entity, but in no case later than sixty (60) days after submission of an invoice or claim by the Supplier. Payments shall be in accordance with the schedule stated in the **SCC**.
- 10.4. Unless otherwise provided in the **SCC**, the currency in which payment is made to the Supplier under this Contract shall be in Philippine Pesos.
- 10.5. Unless otherwise provided in the **SCC**, payments using Letter of Credit (LC), in accordance with the Guidelines issued by the GPPB, is allowed. For this purpose, the amount of provisional sum is indicated in the **SCC**. All charges for the opening of the LC and/or incidental expenses thereto shall be for the account of the Supplier.

11. Advance Payment and Terms of Payment

- 11.1. Advance payment shall be made only after prior approval of the President, and shall not exceed fifteen percent (15%) of the Contract amount, unless otherwise directed by the President or in cases allowed under Annex "D" of RA 9184.
- 11.2. All progress payments shall first be charged against the advance payment until the latter has been fully exhausted.
- 11.3. For Goods supplied from abroad, unless otherwise indicated in the **SCC**, the terms of payment shall be as follows:
 - (a) On Contract Signature: Fifteen Percent (15%) of the Contract Price shall be paid within sixty (60) days from signing of the Contract and upon submission of a claim and a bank guarantee for the equivalent amount valid until the Goods are delivered and in the form provided in Section VIII. Bidding Forms.
 - (b) On Delivery: Sixty-five percent (65%) of the Contract Price shall be paid to the Supplier within sixty (60) days after the date of receipt of the Goods and upon

submission of the documents (i) through (vi) specified in the SCC provision on Delivery and Documents.

- (c) On Acceptance: The remaining twenty percent (20%) of the Contract Price shall be paid to the Supplier within sixty (60) days after the date of submission of the acceptance and inspection certificate for the respective delivery issued by the Procuring Entity's authorized representative. In the event that no inspection or acceptance certificate is issued by the Procuring Entity's authorized representative within forty five (45) days of the date shown on the delivery receipt, the Supplier shall have the right to claim payment of the remaining twenty percent (20%) subject to the Procuring Entity's own verification of the reason(s) for the failure to issue documents (vii) and (viii) as described in the SCC provision on Delivery and Documents.

12. Taxes and Duties

The Supplier, whether local or foreign, shall be entirely responsible for all the necessary taxes, stamp duties, license fees, and other such levies imposed for the completion of this Contract.

13. Performance Security

- 13.1. 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 the forms prescribed in the **ITB** Clause 33.2.
- 13.2. The performance security posted in favor of the Procuring Entity shall be forfeited in the event it is established that the winning bidder is in default in any of its obligations under the contract.
- 13.3. The performance security shall remain valid until issuance by the Procuring Entity of the Certificate of Final Acceptance.
- 13.4. The performance security may be released by the Procuring Entity and returned to the Supplier after the issuance of the Certificate of Final Acceptance subject to the following conditions:
 - (a) There are no pending claims against the Supplier or the surety company filed by the Procuring Entity;
 - (b) The Supplier has no pending claims for labor and materials filed against it; and
 - (c) Other terms specified in the SCC.
- 13.5. In case of a reduction of the contract value, the Procuring Entity shall allow a proportional reduction in the original performance security, provided that any such reduction is more than ten percent (10%) and that the aggregate of such reductions is not more than fifty percent (50%) of the original performance security.

14. Use of Contract Documents and Information

- 14.1. The Supplier shall not, except for purposes of performing the obligations in this Contract, without the Procuring Entity's prior written consent, disclose this Contract, or any provision thereof, or any specification, plan, drawing, pattern, sample, or information furnished by or on behalf of the Procuring Entity. Any such disclosure shall be made in confidence and shall extend only as far as may be necessary for purposes of such performance.
- 14.2. Any document, other than this Contract itself, enumerated in **GCC** Clause 14.1 shall remain the property of the Procuring Entity and shall be returned (all copies) to the Procuring Entity on completion of the Supplier's performance under this Contract if so required by the Procuring Entity.

15. Standards

The Goods provided under this Contract shall conform to the standards mentioned in the ; and, when no applicable standard is mentioned, to the authoritative standards appropriate to the Goods' country of origin. Such standards shall be the latest issued by the institution concerned.

16. Inspection and Tests

- 16.1. The Procuring Entity or its representative shall have the right to inspect and/or to test the Goods to confirm their conformity to the Contract specifications at no extra cost to the Procuring Entity. The **SCC** and
- 16.2. 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.
- 16.3. If applicable, the inspections and tests may be conducted on the premises of the Supplier or its subcontractor(s), at point of delivery, and/or at the goods' final destination. If conducted on the premises of the Supplier or its subcontractor(s), all reasonable facilities and assistance, including access to drawings and production data, shall be furnished to the inspectors at no charge to the Procuring Entity. The Supplier shall provide the Procuring Entity with results of such inspections and tests.
- 16.4. The Procuring Entity or its designated representative shall be entitled to attend the tests and/or inspections referred to in this Clause provided that the Procuring Entity shall bear all of its own costs and expenses incurred in connection with such attendance including, but not limited to, all traveling and board and lodging expenses.
- 16.5. The Procuring Entity may reject any Goods or any part thereof that fail to pass any test and/or inspection or do not conform to the specifications. The Supplier shall either rectify or replace such rejected Goods or parts thereof or make alterations necessary to meet the specifications at no cost to the Procuring Entity, and shall repeat the test and/or inspection, at no cost to the Procuring Entity, upon giving a notice pursuant to **GCC** Clause 5.
- 16.6. The Supplier agrees that neither the execution of a test and/or inspection of the Goods or any part thereof, nor the attendance by the Procuring Entity or its representative, shall release the Supplier from any warranties or other obligations under this Contract.

17. Warranty

- 17.1. The Supplier warrants that the Goods supplied under the Contract are new, unused, of the most recent or current models, and that they incorporate all recent improvements in design and materials, except when the technical specifications required by the Procuring Entity provides otherwise.
- 17.2. The Supplier further warrants that all Goods supplied under this Contract shall have no defect, arising from design, materials, or workmanship or from any act or omission of the Supplier that may develop under normal use of the supplied Goods in the conditions prevailing in the country of final destination.
- 17.3. In order to assure that manufacturing defects shall be corrected by the Supplier, a warranty shall be required from the Supplier for a minimum period specified in the **SCC**. The obligation for the warranty shall be covered by, at the Supplier's option, either retention money in an amount equivalent to at least one percent (1%) of every progress payment, or a special bank guarantee equivalent to at least one percent (1%) of the total Contract Price or other such amount if so specified in the **SCC**. The said amounts shall only be released after the lapse of the warranty period specified in the **SCC**; provided, however, that the Supplies delivered are free from patent and latent defects and all the conditions imposed under this Contract have been fully met.

- 17.4. 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, within the period specified in the **SCC** and with all reasonable speed, repair or replace the defective Goods or parts thereof, without cost to the Procuring Entity.
- 17.5. If the Supplier, having been notified, fails to remedy the defect(s) within the period specified in **GCC** Clause 17.4, the Procuring Entity may proceed to take such remedial action as may be necessary, at the Supplier's risk and expense and without prejudice to any other rights which the Procuring Entity may have against the Supplier under the Contract and under the applicable law.

18. Delays in the Supplier's Performance

- 18.1. Delivery of the Goods and/or performance of Services shall be made by the Supplier in accordance with the time schedule prescribed by the Procuring Entity in Section VI. Schedule of Requirements.
- 18.2. If at any time during the performance of this Contract, the Supplier or its Subcontractor(s) should encounter conditions impeding timely delivery of the Goods and/or performance of Services, the Supplier shall promptly notify the Procuring Entity in writing of the fact of the delay, its likely duration and its cause(s). As soon as practicable after receipt of the Supplier's notice, and upon causes provided for under **GCC** Clause 22, the Procuring Entity shall evaluate the situation and may extend the Supplier's time for performance, in which case the extension shall be ratified by the parties by amendment of Contract.
- 18.3. Except as provided under **GCC** Clause 22, a delay by the Supplier in the performance of its obligations shall render the Supplier liable to the imposition of liquidated damages pursuant to **GCC** Clause 19, unless an extension of time is agreed upon pursuant to **GCC** Clause 29 without the application of liquidated damages.

19. Liquidated Damages

Subject to **GCC** Clauses 18 and 22, if the Supplier fails to satisfactorily deliver any or all of the Goods and/or to perform the Services within the period(s) specified in this Contract inclusive of duly granted time extensions if any, the Procuring Entity shall, without prejudice to its other remedies under this Contract and under the applicable law, deduct from the Contract Price, as liquidated damages, the applicable rate of one tenth (1/10) of one (1) percent of the cost of the unperformed portion for every day of delay until actual delivery or performance. The maximum deduction shall be ten percent (10%) of the amount of contract. Once the maximum is reached, the Procuring Entity may rescind or terminate the Contract pursuant to **GCC** Clause 23, without prejudice to other courses of action and remedies open to it.

20. Settlement of Disputes

- 20.1. If any dispute or difference of any kind whatsoever shall arise between the Procuring Entity and the Supplier in connection with or arising out of this Contract, the parties shall make every effort to resolve amicably such dispute or difference by mutual consultation.
- 20.2. If after thirty (30) days, the parties have failed to resolve their dispute or difference by such mutual consultation, then either the Procuring Entity or the Supplier may give notice to the other party of its intention to commence arbitration, as hereinafter provided, as to the matter in dispute, and no arbitration in respect of this matter may be commenced unless such notice is given.

- 20.3. Any dispute or difference in respect of which a notice of intention to commence arbitration has been given in accordance with this Clause shall be settled by arbitration. Arbitration may be commenced prior to or after delivery of the Goods under this Contract.
- 20.4. In the case of a dispute between the Procuring Entity and the Supplier, the dispute shall be resolved in accordance with Republic Act 9285 (“R.A. 9285”), otherwise known as the “Alternative Dispute Resolution Act of 2004.”
- 20.5. Notwithstanding any reference to arbitration herein, the parties shall continue to perform their respective obligations under the Contract unless they otherwise agree; and the Procuring Entity shall pay the Supplier any monies due the Supplier.

21. Liability of the Supplier

- 21.1. The Supplier’s liability under this Contract shall be as provided by the laws of the Republic of the Philippines, subject to additional provisions, if any, set forth in the SCC.
- 21.2. Except in cases of criminal negligence or willful misconduct, and in the case of infringement of patent rights, if applicable, the aggregate liability of the Supplier to the Procuring Entity shall not exceed the total Contract Price, provided that this limitation shall not apply to the cost of repairing or replacing defective equipment.

22. Force Majeure

- 22.1. The Supplier shall not be liable for forfeiture of its performance security, liquidated damages, or termination for default if and to the extent that the Supplier’s delay in performance or other failure to perform its obligations under the Contract is the result of a *force majeure*.
- 22.2. For purposes of this Contract the terms “*force majeure*” and “fortuitous event” may be used interchangeably. In this regard, a fortuitous event or *force majeure* shall be interpreted to mean an event which the Supplier could not have foreseen, or which though foreseen, was inevitable. It shall not include ordinary unfavorable weather conditions; and any other cause the effects of which could have been avoided with the exercise of reasonable diligence by the Supplier. Such events may include, but not limited to, acts of the Procuring Entity in its sovereign capacity, wars or revolutions, fires, floods, epidemics, quarantine restrictions, and freight embargoes.
- 22.3. If a *force majeure* situation arises, the Supplier shall promptly notify the Procuring Entity in writing of such condition and the cause thereof. Unless otherwise directed by the Procuring Entity in writing, the Supplier shall continue to perform its obligations under the Contract as far as is reasonably practical, and shall seek all reasonable alternative means for performance not prevented by the *force majeure*.

23. Termination for Default

- 23.1. The Procuring Entity shall terminate this Contract for default when any of the following conditions attends its implementation:
- (a) Outside of *force majeure*, the Supplier fails to deliver or perform any or all of the Goods within the period(s) specified in the contract, or within any extension thereof granted by the Procuring Entity pursuant to a request made by the Supplier prior to the delay, and such failure amounts to at least ten percent (10%) of the contract price;
 - (b) As a result of *force majeure*, the Supplier is unable to deliver or perform any or all of the Goods, amounting to at least ten percent (10%) of the contract price, for a period of not less than sixty (60) calendar days after receipt of the notice from the Procuring Entity stating that the circumstance of force majeure is deemed to have ceased; or
 - (c) The Supplier fails to perform any other obligation under the Contract.

- 23.2. In the event the Procuring Entity terminates this Contract in whole or in part, for any of the reasons provided under **GCC** Clauses 23 to 26, the Procuring Entity may procure, upon such terms and in such manner as it deems appropriate, Goods or Services similar to those undelivered, and the Supplier shall be liable to the Procuring Entity for any excess costs for such similar Goods or Services. However, the Supplier shall continue performance of this Contract to the extent not terminated.
- 23.3. In case the delay in the delivery of the Goods and/or performance of the Services exceeds a time duration equivalent to ten percent (10%) of the specified contract time plus any time extension duly granted to the Supplier, the Procuring Entity may terminate this Contract, forfeit the Supplier's performance security and award the same to a qualified Supplier.

24. Termination for Insolvency

The Procuring Entity shall terminate this Contract if the Supplier is declared bankrupt or insolvent as determined with finality by a court of competent jurisdiction. In this event, termination will be without compensation to the Supplier, provided that such termination will not prejudice or affect any right of action or remedy which has accrued or will accrue thereafter to the Procuring Entity and/or the Supplier.

25. Termination for Convenience

- 25.1. The Procuring Entity may terminate this Contract, in whole or in part, at any time for its convenience. The HoPE may terminate a contract for the convenience of the Government if he has determined the existence of conditions that make Project Implementation economically, financially or technically impractical and/or unnecessary, such as, but not limited to, fortuitous event(s) or changes in law and national government policies.
- 25.2. The Goods that have been delivered and/or performed or are ready for delivery or performance within thirty (30) calendar days after the Supplier's receipt of Notice to Terminate shall be accepted by the Procuring Entity at the contract terms and prices. For Goods not yet performed and/or ready for delivery, the Procuring Entity may elect:
- (a) to have any portion delivered and/or performed and paid at the contract terms and prices; and/or
 - (b) to cancel the remainder and pay to the Supplier an agreed amount for partially completed and/or performed goods and for materials and parts previously procured by the Supplier.
- 25.3. If the Supplier suffers loss in its initial performance of the terminated contract, such as purchase of raw materials for goods specially manufactured for the Procuring Entity which cannot be sold in open market, it shall be allowed to recover partially from this Contract, on a *quantum meruit* basis. Before recovery may be made, the fact of loss must be established under oath by the Supplier to the satisfaction of the Procuring Entity before recovery may be made.

26. Termination for Unlawful Acts

- 26.1. The Procuring Entity may terminate this Contract in case it is determined *prima facie* that the Supplier has engaged, before or during the implementation of this Contract, in unlawful deeds and behaviors relative to contract acquisition and implementation. Unlawful acts include, but are not limited to, the following:
- (a) Corrupt, fraudulent, and coercive practices as defined in **ITB** Clause 3.1(a);
 - (b) Drawing up or using forged documents;
 - (c) Using adulterated materials, means or methods, or engaging in production contrary to rules of science or the trade; and

- (d) Any other act analogous to the foregoing.

27. Procedures for Termination of Contracts

27.1. The following provisions shall govern the procedures for termination of this Contract:

- (a) Upon receipt of a written report of acts or causes which may constitute ground(s) for termination as aforementioned, or upon its own initiative, the Implementing Unit shall, within a period of seven (7) calendar days, verify the existence of such ground(s) and cause the execution of a Verified Report, with all relevant evidence attached;
- (b) Upon recommendation by the Implementing Unit, the HoPE shall terminate this Contract only by a written notice to the Supplier conveying the termination of this Contract. The notice shall state:
 - (i) that this Contract is being terminated for any of the ground(s) aforementioned, and a statement of the acts that constitute the ground(s) constituting the same;
 - (ii) the extent of termination, whether in whole or in part;
 - (iii) an instruction to the Supplier to show cause as to why this Contract should not be terminated; and
 - (iv) special instructions of the Procuring Entity, if any.
- (c) The Notice to Terminate shall be accompanied by a copy of the Verified Report;
- (d) Within a period of seven (7) calendar days from receipt of the Notice of Termination, the Supplier shall submit to the HoPE a verified position paper stating why this Contract should not be terminated. If the Supplier fails to show cause after the lapse of the seven (7) day period, either by inaction or by default, the HoPE shall issue an order terminating this Contract;
- (e) The Procuring Entity may, at any time before receipt of the Supplier's verified position paper described in item (d) above withdraw the Notice to Terminate if it is determined that certain items or works subject of the notice had been completed, delivered, or performed before the Supplier's receipt of the notice;
- (f) Within a non-extendible period of ten (10) calendar days from receipt of the verified position paper, the HoPE shall decide whether or not to terminate this Contract. It shall serve a written notice to the Supplier of its decision and, unless otherwise provided, this Contract is deemed terminated from receipt of the Supplier of the notice of decision. The termination shall only be based on the ground(s) stated in the Notice to Terminate;
- (g) The HoPE may create a Contract Termination Review Committee (CTRC) to assist him in the discharge of this function. All decisions recommended by the CTRC shall be subject to the approval of the HoPE; and
- (h) The Supplier must serve a written notice to the Procuring Entity of its intention to terminate the contract at least thirty (30) calendar days before its intended termination. The Contract is deemed terminated if it is not resumed in thirty (30) calendar days after the receipt of such notice by the Procuring Entity.

28. Assignment of Rights

The Supplier shall not assign his rights or obligations under this Contract, in whole or in part, except with the Procuring Entity's prior written consent.

29. Contract Amendment

Subject to applicable laws, no variation in or modification of the terms of this Contract shall be made except by written amendment signed by the parties.

30. Application

These General Conditions shall apply to the extent that they are not superseded by provisions of other parts of this Contract.

Section V. Special Conditions of Contract

Notes on the Special Conditions of Contract

Similar to the BDS, the clauses in this Section are intended to assist the Procuring Entity in providing contract-specific information in relation to corresponding clauses in the GCC.

The provisions of this Section complement the GCC, specifying contractual requirements linked to the special circumstances of the Procuring Entity, the Procuring Entity's country, the sector, and the Goods purchased. In preparing this Section, the following aspects should be checked:

- (a) Information that complements provisions of Section IV must be incorporated.
- (b) Amendments and/or supplements to provisions of Section IV, as necessitated by the circumstances of the specific purchase, must also be incorporated.

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

For foreign-assisted projects, the Special Conditions of Contract to be used is provided in Section IX-Foreign-Assisted Projects.

Special Conditions of Contract

GCC Clause	
1.1(g)	The Procuring Entity is <i>Cotabato City State Polytechnic College</i>
1.1(i)	The Supplier is <i>[to be inserted at the time of contract award]</i> .
1.1(j)	The Funding Source is the Government of the Philippines (GOP) through <i>Government Appropriation Act (GAA) FY2021</i> in the amount of <i>Twenty Nine Million Three Hundred Fifty Two Thousand Three Hundred Pesos (Php 29,352,300.00)</i>
1.1(k)	The Project Site is <i>Cotabato City State Polytechnic College Campus, Sinsuat Ave., Cotabato City.</i>
2.1	No further instructions.
5.1	<p>The Procuring Entity’s address for Notices is: <i>Cotabato City State Polytechnic College Campus, Sinsuat Ave., Cotabato City.</i></p> <p>The Supplier’s address for Notices is: <i>[Insert address including, name of contact, fax and telephone number]</i></p>
6.2	<p>Delivery and Documents –</p> <p>For purposes of the Contract, “EXW,” “FOB,” “FCA,” “CIF,” “CIP,” “DDP” and other trade terms used to describe the obligations of the parties shall have the meanings assigned to them by the current edition of INCOTERMS published by the International Chamber of Commerce, Paris. The Delivery terms of this Contract shall be as follows:</p> <p>“The delivery terms applicable to this Contract are delivered <i>[insert place of destination]</i>. Risk and title will pass from the Supplier to the Procuring Entity upon receipt and final acceptance of the Goods at their final destination.”</p> <p>Delivery of the Goods shall be made by the Supplier in accordance with the terms specified in Section VI. Schedule of Requirements.</p> <p>The details of shipping and/or other documents to be furnished by the Supplier are as follows:</p> <p><i>For Goods supplied from within the Philippines:</i></p> <p>Upon delivery of the Goods to the Project Site, the Supplier shall notify the Procuring Entity and present the following documents to the Procuring Entity:</p> <ul style="list-style-type: none"> (i) Original and four copies of the Supplier’s invoice showing Goods’ description, quantity, unit price, and total amount; (ii) Original and four copies delivery receipt/note, railway receipt, or truck receipt; (iii) Original Supplier’s factory inspection report; (iv) Original and four copies of the Manufacturer’s and/or Supplier’s warranty certificate; (v) Original and four copies of the certificate of origin (for imported Goods); (vi) Delivery receipt detailing number and description of items received signed by the authorized receiving personnel;

	<p>(vii) Certificate of Acceptance/Inspection Report signed by the Procuring Entity’s representative at the Project Site; and</p> <p>(viii) Four copies of the Invoice Receipt for Property signed by the Procuring Entity’s representative at the Project Site.</p> <p>Incidental Services –</p> <p>The Supplier is required to provide all of the following services, including additional services, if any, specified in Section VI. Schedule of Requirements:</p> <p><i>Select appropriate requirements and delete the rest.</i></p> <p>(a) performance or supervision or maintenance and/or repair of the supplied Goods, for a period of time agreed by the parties, provided that this service shall not relieve the Supplier of any warranty obligations under this Contract; and</p> <p>The Contract price for the Goods shall include the prices charged by the Supplier for incidental services and shall not exceed the prevailing rates charged to other parties by the Supplier for similar services.</p> <p>Spare Parts –</p> <p>The Supplier is required to provide all of the following materials, notifications, and information pertaining to spare parts manufactured or distributed by the Supplier:</p> <p><i>Select appropriate requirements and delete the rest.</i></p> <p>(a) such spare parts as the Procuring Entity may elect to purchase from the Supplier, provided that this election shall not relieve the Supplier of any warranty obligations under this Contract; and</p> <p>(b) in the event of termination of production of the spare parts:</p> <ul style="list-style-type: none"> i. advance notification to the Procuring Entity of the pending termination, in sufficient time to permit the Procuring Entity to procure needed requirements; and ii. following such termination, furnishing at no cost to the Procuring Entity, the blueprints, drawings, and specifications of the spare parts, if requested. <p>The spare parts required are listed in Section VI. Schedule of Requirements and the cost thereof are included in the Contract Price</p> <p>The Supplier shall carry sufficient inventories to assure ex-stock supply of consumable spares for the Goods for a period of <i>[insert here the time period specified. If not used insert time period of three times the warranty period]</i>.</p> <p>Other spare parts and components shall be supplied as promptly as possible, but in any case within <i>[insert appropriate time period]</i> months of placing the order.</p> <p>Packaging –</p>
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The Supplier shall provide such packaging of the Goods as is required to prevent their damage or deterioration during transit to their final destination, as indicated in this Contract. The packaging shall be sufficient to withstand, without limitation, rough handling during transit and exposure to extreme temperatures, salt and precipitation during transit, and open storage. Packaging case size and weights shall take into consideration, where appropriate, the remoteness of the GOODS' final destination and the absence of heavy handling facilities at all points in transit.

The packaging, marking, and documentation within and outside the packages shall comply strictly with such special requirements as shall be expressly provided for in the Contract, including additional requirements, if any, specified below, and in any subsequent instructions ordered by the Procuring Entity.

The outer packaging must be clearly marked on at least four (4) sides as follows:

Name of the Procuring Entity

Name of the Supplier

Contract Description

Final Destination

Gross weight

Any special lifting instructions

Any special handling instructions

Any relevant HAZCHEM classifications

A packaging list identifying the contents and quantities of the package is to be placed on an accessible point of the outer packaging if practical. If not practical the packaging list is to be placed inside the outer packaging but outside the secondary packaging.

Insurance –

The Goods supplied under this Contract shall be fully insured by the Supplier in a freely convertible currency against loss or damage incidental to manufacture or acquisition, transportation, storage, and delivery. The Goods remain at the risk and title of the Supplier until their final acceptance by the Procuring Entity.

Transportation –

Where the Supplier is required under Contract to deliver the Goods CIF, CIP or DDP, transport of the Goods to the port of destination or such other named place of destination in the Philippines, as shall be specified in this Contract, shall be arranged and paid for by the Supplier, and the cost thereof shall be included in the Contract Price.

Where the Supplier is required under this Contract to transport the Goods to a specified place of destination within the Philippines, defined as the Project Site, transport to such place of destination in the Philippines, including insurance and storage, as shall be specified in this Contract, shall be arranged by the Supplier, and related costs shall be included in the Contract Price.

Where the Supplier is required under Contract to deliver the Goods CIF, CIP or DDP, Goods are to be transported on carriers of Philippine registry. In the event that no

	<p>carrier of Philippine registry is available, Goods may be shipped by a carrier which is not of Philippine registry provided that the Supplier obtains and presents to the Procuring Entity certification to this effect from the nearest Philippine consulate to the port of dispatch. In the event that carriers of Philippine registry are available but their schedule delays the Supplier in its performance of this Contract the period from when the Goods were first ready for shipment and the actual date of shipment the period of delay will be considered <i>force majeure</i> in accordance with GCC Clause 22.</p> <p>The Procuring Entity accepts no liability for the damage of Goods during transit other than those prescribed by INCOTERMS for DDP Deliveries. In the case of Goods supplied from within the Philippines or supplied by domestic Suppliers risk and title will not be deemed to have passed to the Procuring Entity until their receipt and final acceptance at the final destination.</p> <p>Patent Rights –</p> <p>The Supplier shall indemnify the Procuring Entity against all third-party claims of infringement of patent, trademark, or industrial design rights arising from use of the Goods or any part thereof.</p>
10.4	Not applicable.
10.5	Payment using LC is not allowed.
11.3	Maintain the GCC Clause.
13.4(c)	No further instructions.
16.1	None.
17.3	One (1) year after acceptance by the Procuring Entity of the delivered Goods.
17.4	The period for correction of defects in the warranty period is <i>[insert number of days]</i> .
21.1	No additional provision.

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.

Item Number	Description	Quantity	Total	Delivered, Weeks/Months
One (1) Lot – Supply and Delivery of various equipment for the upgrading and enhancement of laboratory facilities				
1	Ground Water Flow Unit	1 set	1	120 days
2	Particle Drag Coefficient Apparatus	1 set	1	120 days
3	Surge And Water Hammer Apparatus	1 set	1	120 days
4	Pipe Network Apparatus	1 set	1	120 days
5	Pipe Friction Apparatus	1 set	1	120 days
6	Energy Losses In Bends And Fittings	1 set	1	120 days
7	Venturi Meter	1 set	1	120 days
8	Centrifugal Pump Demonstration Unit	1 set	1	120 days
9	Orifice Discharge	1 set	1	120 days
10	Orifice And Jet Flow Unit	1 set	1	120 days
11	Impact Of Jet Apparatus	1 set	1	120 days
12	Free And Force Vortex	1 set	1	120 days
13	Fluid Friction Measurements Apparatus	1 set	1	120 days
14	Dead Weight Pressure Calibrator	1 set	1	120 days
15	Triaxial UU-CU-CD Test Systems	1 set	1	120 days
16	Depthmate Digital Portable Sounder	6 pcs	6	120 days
17	Global Water Digital Current Meter	6 pcs	6	120 days
18	Automatic CBR Test Machine with U-Touch PRO Control Unit, 50kN Capacity	1 set	1	120 days
19	Making and curing of concrete Test specimens	1 set	1	120 days
20	Porcelain Dish 120mm dia.	6 sets	6	120 days
21	Borosilicate glass beaker 250ml	6 sets	6	120 days
22	Borosilicate glass beaker 600ml	6 sets	6	120 days
23	Pyknometer (glass jar type)	6 sets	6	120 days
24	Pyknometer (Bottle type)	6 sets	6	120 days
25	Glass stirring Rod, 7mm	6 sets	6	120 days
26	Sand Replacement Test Set 100mm, BS	6 sets	6	120 days
27	Sand Cone Set 6.5”, Calibration Container, 4L	6 sets	6	120 days

28	Balloon Density Apparatus ASTM, 160 ml capacity	6 sets	6	120 days
29	Large Sand Pouring Cylinder, 16.5 Ltr.	1 set	1	120 days
30	Cylindrical Calibrating Container	1 set	1	120 days
31	Metal tray 45cm square and 5cm deep with hole	1 set	1	120 days
32	Standard Proctor Mould, ASTM, Standard Proctor Compaction Rammer, ASTM	1 set	1	120 days
33	Modified Proctor Mould, ASTM , Modified Proctor Compaction Rammer, ASTM	1 set	1	120 days
34	Automatic Soil Compactor	1 set	1	120 days
35	GPS/GNSS RTK	1 pc	1	120 days
36	Design of Structures 1 Learning System	1 unit	1	120 days
37	Design of Structures 2 Learning System	1 unit	1	120 days
38	Design of Structures 3 Learning System	1 unit	1	120 days
39	Surveying 1 Learning System	1 unit	1	120 days

Section VII. Technical Specifications

Notes for Preparing the Technical Specifications

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

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

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

Sample Clause: Equivalency of Standards and Codes

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

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

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

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

Technical Specifications

Bidders must state here either “Comply” or “Not Comply” against each of the individual parameters of each Specification stating the corresponding performance parameter of the equipment offered. Statements of “Comply” or “Not Comply” must be supported by evidence in a Bidders Bid and cross-referenced to that evidence. Evidence shall be in the form of manufacturer’s un-amended sales literature, unconditional statements of specification and compliance issued by the manufacturer, samples, independent test data etc., as appropriate. A statement that is not supported by evidence or is subsequently found to be contradicted by the evidence presented will render the Bid under evaluation liable for rejection. A statement either in the Bidders statement of compliance or the supporting evidence that is found to be false either during Bid evaluation, post-qualification or the execution of the Contract may be regarded as fraudulent and render the Bidder or supplier liable for prosecution subject to the provisions of **ITB Clause 3.1(a)(ii)** and/or **GCC Clause 2.1(a)(ii)**.

ITEM	SPECIFICATION	COMPLIANCE
1	<p>1 Set Ground Water Flow Unit</p> <p>Description: The sand tank shall be manufactured in glass reinforced plastic for durability in service and is located in a painted mild steel frame which is designed for standing on a laboratory bench. A diffused water inlet/outlet with associated flow control valve shall be installed at each end of the sand tank. This facility shall allow the desired water table to be established for the various demonstrations of groundwater flow. Two wells with control taps in the base of the tank shall allow studies of abstraction. Nineteen tappings in the base of the tank arranged in a cruciform configuration shall be connected to a multi-tube piezometer on the side of the tank. These shall indicate the profile of the water table in the sand. A sliding cursor shall permit measurement of any level. Appropriate sized cylindrical rings shall be provided as accessories for demonstrations described above.</p> <p>EXPERIMENTAL CAPABILITIES</p> <ul style="list-style-type: none"> • Hydraulic gradients in ground water flow, including the effect of permeability • Cone of depression for a single well in an unconfirmed aquifer. • Cone of depression for two wells • De-watering of an excavation site using two wells • Abstraction from a single well in a confined aquifer • Draining of a polder or lake <p>SPECIFICATIONS Tank Dimension Length: Approx. 1.00 m Width: Approx. 0.50 m Depth: Approx. 0.24 m</p> <p>REQUIREMENT Hydraulic Bench</p> <p>OVERALL DIMENSIONS Length: 1.12 m Width: 0.60 m Height: 0.50 m</p> <p>UTILITY REQUIREMENTS Electrical supply: 240VAC/1-phase/50 Hz Water supply: Cold water supply Drainage point for cold water Analytical Instruments: Piezometer 0.1 m³of clean 0.6 to 2.0 mm washed and graded coarse sand</p>	

	<p>MANUAL The unit shall be supplied with Operating and Experimental Manuals in English giving full descriptions of the unit, summary of theory, experimental procedures and typical experimental results.</p>	
2	<p>1 Set Particle Drag Coefficient Apparatus</p> <p>DESCRIPTION The unit shall come with two glass tubes mounted vertically and illuminated from behind. Students shall be able to study the relationship between the drag coefficients of falling particles and their Reynolds number value. The unit shall be also supplied with particles of various shapes, sizes and densities and during the experiments students shall allow single particles to fall through a number of different liquids contained in vertical glass tubes.</p> <p>EXPERIMENTAL CAPABILITIES</p> <ul style="list-style-type: none"> • Determination of drag coefficients of spherical objects over a wide range of Reynolds' number. • To study the effects of boundary layer separation on motion of spherical objects. • To study the effect of particle shape on the falling rates and drag coefficients. • Dimensional analysis and dynamic similarity. <p>SPECIFICATIONS</p> <p>i) Glass Tubes Material: Borosilicate glass 3.3 Length: 1.5 m O.D. :100 mm</p> <p>ii) Hydrometers Range: 0.7 to 2.0 g/ml, 0.005 div</p> <p>iii) Thermometer Range: 0 to 100°C</p> <p>iv) Miscellaneous Vernier Caliper Aluminum Foldaway Steps 10-L Bucket</p> <p>UTILITY REQUIREMENT Electrical supply: 240 VAC/1-phase/50 Hz</p> <p>MANUAL The unit shall be supplied with Operating and Experimental Manuals in English giving full descriptions of the unit, summary of theory, experimental procedures and typical experimental results.</p>	
3	<p>1 Set Surge And Water Hammer Apparatus</p> <p>DESCRIPTION The unit shall consist of two stainless steel pipes connected to a constant head tank. A Hydraulic Bench shall be supplied with the unit to provide water supply to the header tank and for flow measurements. Surge shaft, control valves and pressure transducers shall be supplied with the unit to allow for a range of experiments to be conducted. The test pipe for surge studies shall be connected with a clear acrylic surge shaft near the downstream end. A manually operated control valve shall be provided for students to create the surge. A pressure transducer shall be fitted at the base of the surge shaft.</p> <p>SPECIFICATIONS</p>	

	<p>i) Pipe Surge Test Section a) Test Pipe Material: Stainless steel Size: 0.022 m (ID) x 3.0 m (L) b) Surge Shaft over-flow for Material: Clear acrylic with scale Size: 0.04 m (Dia.) x 0.8 m (H) c) Pressure Transducer Range: 0 to 15 bar d) Manually Operated Control valve ii) Water Hammer Test Section a) Test Pipe Material: Stainless steel Size: 0.022 m (ID) x 3.0 m (L) OVERALL DIMENSIONS Height: 1.80 m Width: 4.00 m Depth: 0.75 m MANUAL The unit shall be supplied with Operating and Experimental Manuals in English giving full descriptions of the unit, summary of theory, experimental procedures and typical experimental results.</p>	<p>b) Pressure Transducers Range: 0 to 15 bar c) Solenoid Control Valve iii) Head Tank Material: Stainless steel with constant head Capacity: 50 liter iv) Hydraulic Bench Sump tank: 120 litres Volumetric tank: 50 litres Centrifugal pump: 80 LPM</p>
4	<p>1 Set Pipe Network Apparatus Description The unit shall come with pipe networks ranging from a single pipe to complex systems involving several pipes of different diameters. The unit shall come with a Hydraulic Bench for the supply of water and the measurement of flow. Pressure differences between points in the network shall be measured with U-tube manometers fitted with bleed/shut-off stopcocks. Two types of manometers shall be supplied: water manometer for the low range pressure drops and digital manometer for the higher range pressure drops. EXPERIMENTAL CAPABILITIES <ul style="list-style-type: none"> • Calibration of system components- head loss vs. discharge • Characteristics of parallel pipe networks • Characteristics of series pipe networks • Applications of doubling pipes • Characteristics of ring mains SPECIFICATIONS i) Test Pipes 4 pipes with diameters are provided: 1 piece of 1" diameter 2 pieces of ½" diameter 1 piece of ¾" diameter ii) Differential Pressure 1 unit of digital manometer iii) Volumetric Flow 0 to 10 litres 0 to 40 litres With level indication on remote sight gauge UTILITY REQUIREMENTS</p>	

	<p>Electrical Supply: 240 VAC/1-phase/50Hz Water Supply: Laboratory Mains Supply</p> <p>OVERALL DIMENSIONS Length: 1.50 m Depth: 1.00 m Height: 1.20 m</p> <p>MANUAL The unit shall be supplied with Operating and Experimental Manuals in English giving full descriptions of the unit, summary of theory, experimental procedures and typical experimental results.</p>	
5	<p>1 Set Pipe Friction Apparatus</p> <p>DESCRIPTION For laminar flow study, an elevated head tank shall be used for water supply, whilst for turbulent flow, the supply shall be from the Hydraulics Bench using hoses with rapid action hose coupling. The test section shall be connected to manometers via pressure tapings.</p> <p>EXPERIMENTAL CAPABILITIES</p> <ul style="list-style-type: none"> • Measurement of pressure loss for laminar and turbulent flow • Determination of critical Reynolds' number • Head loss measurements using tube manometer <p>SPECIFICATIONS Manometer Water Manometer Range: 0 to 1,000 mm</p> <p>Water Storage REQUIREMENT Elevated cylindrical tank (Approx. 920 mm constant head) Hydraulic Bench Tank capacity: 5 L (level indicator included) Maximum flow rate: 1.45 (nominal)</p> <p>OVERALL DIMENSION Height: 0.90 m Test Pipe Width: 0.60 m Length (nominal): 524 mm Length: 1.20 m Bore (nominal): 3 mm Needle valve included to regulate flowrate</p> <p>MANUAL The unit is supplied with Operating and Experimental Manuals in English giving full descriptions of the unit, summary of Water supply: Laboratory Mains Supply theory, experimental procedures and typical experimental results.</p> <p>UTILITY REQUIREMENTS Electrical supply: 240VAC/1-phase/50Hz</p>	
6	<p>1 Set Energy Losses In Bends And Fittings</p> <p>DESCRIPTION The equipment shall be mounted on a free-standing framework supporting the test pipework and instrumentation. These pipe fittings shall include: mitre bend, 90° elbow, sweep bends (large radius), contraction and enlargement. The equipment requires a Hydraulics Bench as the source of water supply.</p> <p>EXPERIMENTAL CAPABILITIES</p> <ul style="list-style-type: none"> • Measuring the losses in the devices related to flow rate and calculating loss 	

	<p>coefficients related to velocity head.</p> <ul style="list-style-type: none"> • Comparing the pressure drop across each device. <p>SPECIFICATIONS Pipework diameter: 17.0 mm Diff. pressure gauge: 0 to 1.4 bar Enlargement diameter: 32.0 mm Contraction diameter: 17.0 mm Fittings: 45° mitre, 90° elbow, short and large bends, contraction and enlargement Manometer: 12 tubes (0 to 440 mm)</p> <p>REQUIREMENT OVERALL DIMENSION Hydraulics Bench Length: 0.60 m Width: 0.40 m Height: 0.75 m MANUAL The unit is supplied with Operating and Experimental Manuals in English giving full descriptions of the unit, summary of theory, experimental procedures and typical experimental results.</p>	
7	<p>1 Set Venturi Meter</p> <p>DESCRIPTION The venturi test piece shall have a circular cross section and shall be accurately machined from clear acrylic material with pressure measurement tappings at the convergence, throat and divergence sections.</p> <p>EXPERIMENTAL CAPABILITIES</p> <ul style="list-style-type: none"> • Demonstration of use of Venturi Tube as a water flow meter and determination of the flow coefficient. • Establishment of the relationship that flow is proportional to the square root of the pressure drop between entry and the venturi throat. • Observation of degree of pressure recovery at the end of the divergent section of the venturi tube. <p>SPECIFICATIONS Venturi Material: Transparent acrylic Throat diameter: 16 mm Upstream diameter: 26 mm Designed flow rate: 20 LPM</p> <p>Connections Hose connections are installed at bolt inlet and outlet. Venturi meter may be connected to the system with 1 inch. hose.</p> <p>Manometer No. of tubes: 6 Length of tubes: 300 mm (each) For static pressure measuring along the venturi meter. It is connected to an air bleed screw for air release as well as tubes for pressurization.</p> <p>REQUIREMENT Hydraulic Bench</p> <p>Baseboard experimental results. Material: Epoxy coated 4 height adjustable stands to level the venturi meter</p> <p>Discharge Valve</p>	

	<p>Installed at venturi discharge section for flow rate control</p> <p>MANUAL The unit is supplied with Operating and Experimental Manuals in English giving full descriptions of the unit, summary of theory, experimental procedures and typical experimental results.</p>																	
8	<p>1 Set Centrifugal Pump Demonstration Unit The centrifugal pump shall be designed with transparent casing to allow visualization of the impeller rotation.</p> <p>DESCRIPTION This unit shall be constructed on stable steel base plate, comprised of a fixed speed centrifugal pump, a water tank and all required pipe works. It shall be installed with necessary pressure gauges and flowmeter for pump characteristic studies. The pump casing shall be made of transparent material, therefore the centrifugal pump's mechanism can be visualized.</p> <p>TECHNICAL SPECIFICATIONS</p> <table> <tr> <td>Pump</td> <td>Pressure Gauge</td> </tr> <tr> <td>Type: Centrifugal pump</td> <td>Delivery side: 0 to 1.2 bar</td> </tr> <tr> <td>Maximum head: 9 m H₂O</td> <td>Suction side: -1 to 1 bar</td> </tr> <tr> <td>Maximum flow: 90 LPM</td> <td>Rotameter</td> </tr> <tr> <td></td> <td>Size: 1"</td> </tr> <tr> <td>Circulation Tank</td> <td>Range: 0 to 150 LPM</td> </tr> <tr> <td>Cylindrical, transparent tank</td> <td></td> </tr> <tr> <td>Volume: 15 L</td> <td></td> </tr> </table> <p>MANUAL The unit is supplied with Operating and Experimental Manuals in English giving full descriptions of the unit, summary of theory, experimental procedures and typical experimental results.</p>	Pump	Pressure Gauge	Type: Centrifugal pump	Delivery side: 0 to 1.2 bar	Maximum head: 9 m H ₂ O	Suction side: -1 to 1 bar	Maximum flow: 90 LPM	Rotameter		Size: 1"	Circulation Tank	Range: 0 to 150 LPM	Cylindrical, transparent tank		Volume: 15 L		
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9	<p>1 Set Orifice Discharge</p> <p>DESCRIPTION The apparatus shall consist of a cylindrical acrylic tank which has an orifice fitted in the base. A traverse assembly shall be provided to allow a pitot tube to be positioned anywhere in the jet. Attached to this pitot tube is a wire which can traverse across the jet to accurately measure the jet diameter and the vena contract diameter to determine the contraction coefficient. The pitot head and the total head across the orifice shall be shown on manometer tubes adjacent to the tank. In addition, four additional orifices shall also be supplied to allow for a full analysis of the flow using five different orifices at various flow rates.</p> <p>EXPERIMENTAL CAPABILITIES</p> <ul style="list-style-type: none"> • Determination of the contraction and velocity coefficients. • Calculation of the discharge coefficient. <p>SPECIFICATIONS Standard orifice: Sharp-edged, 13 mm diameter Max. head: 365 mm Traverse mechanism: Lead screw with adjusting nut, calibrated 0.1 mm per division</p> <p>UTILITY REQUIREMENT Electrical Supply: 240 VAC / 1-phase / 50 Hz</p> <p>REQUIREMENT Hydraulic Bench</p>																	

	<p>OVERALL DIMENSION Height: 820 mm Width: 485 mm Length: 300 mm</p> <p>MANUAL The unit is supplied with Operating and Experimental Manuals in English giving full descriptions of the unit, summary of theory, experimental procedures and typical experimental results.</p>	
10	<p>1 Set Orifice And Jet Flow Unit</p> <p>DESCRIPTION This apparatus shall consist of an adjustable head tank with orifices of different diameters and a jet trajectory tracer. The orifice shall be installed at the base of the tank by means of a special wall fitting which provides a flush inside surface. The adjustable head tank shall be fed with water from a Hydraulics Bench. The head shall be maintained at a constant value by an adjustable overflow and is indicated by a level scale. A jet trajectory tracing device shall allow the path followed by the jet to be ascertained. Levelling shall be achieved by means of an adjustable foot. This equipment shall be used for calibration of two orifices of different diameters.</p> <p>EXPERIMENTAL CAPABILITIES</p> <ul style="list-style-type: none"> • Velocity coefficient for a small orifice • Discharge coefficient of a small orifice for constant head flow and variable head flow • Comparing the measured jet trajectory with that predicted by simple theory <p>SPECIFICATIONS Quadrant-Edged Orifice Diameters: 4.0 mm and 8.0 mm Square-Edged Orifice Diameter: 4.0 mm and 8.0 mm Jet Trajectory Probes No. of tracing probes: 8 Constant Head Tank Max. constant head : 450 mm Tank diameter : 200 mm OVERALL DIMENSION Height: 1.025 m Width: 0.250 m Length: 0.800 m</p> <p>REQUIREMENT Hydraulics Bench</p> <p>MANUAL The unit shall be supplied with Operating and Experimental Manuals in English giving full descriptions of the unit, summary of theory, experimental procedures and typical experimental results.</p>	
11	<p>1 Set Impact Of Jet Apparatus</p> <p>DESCRIPTION The apparatus shall consist of a clear acrylic cylinder where water is fed through a nozzle and discharged vertically to strike the target supported on a stem which</p>	

	<p>extends through the cover. To counter balance the force exerted by the water jet, a dead weight shall be applied on the upper end of the stem.</p> <p>EXPERIMENTAL CAPABILITES</p> <ul style="list-style-type: none"> • Measurement of the force exerted by a water jet upon targets of different shapes and comparison with the forces predicted by momentum theory. <p>SPECIFICATIONS</p> <p>Nozzle diameter: 8 mm, 5 mm Nozzle to target distance: 20 mm Target Plate: a) flat plate b) 120° cone c) 180° hemisphere d) 30° flat Target plates diameter: 30 mm Weights: 4 x 20g; 3 x 50g; 2 x 100g; 2 x 200g</p> <p>REQUIREMENT</p> <p>Hydraulic Bench</p> <p>OVERALL DIMENSION</p> <p>Height: 600 mm Width: 170 mm Length: 300 mm</p> <p>MANUAL</p> <p>The unit is supplied with Operating and Experimental Manuals in English giving full descriptions of the unit, summary of theory, experimental procedures and typical experimental results.</p>	
12	<p>1 Set Free And Force Vortex</p> <p>DESCRIPTION</p> <p>The apparatus shall consist of a clear acrylic cylinder where the free vortex is generated by water discharging through an interchangeable orifice in the base of the cylinder.</p> <p>EXPERIMENTAL CAPABILITIES</p> <ul style="list-style-type: none"> • To study the difference between free and forced vortices. • To investigate the surface profile of a forced vortex. • To investigate the surface profile and total head distribution of a free vortex. • Observation of secondary flow in free vortex. <p>SPECIFICATIONS</p> <p>Storage Diameter Tank diameter: 245 mm Overflow height: 180 mm Orifice diameters: 8, 16 and 24 mm Distance of Forced Vortex Measuring Gauge from Reservoir center: 0, 30, 50, 70, 90 and 110 mm from center</p> <p>Pitot Tube Length: 150 mm Pitot tubes nose at: 15, 25 and 30 mm radius Inlet tubes: 9 and 12.5 mm diameter</p> <p>REQUIREMENT</p> <p>Hydraulic Bench</p>	

	<p>OVERALL DIMENSION Length: 550 mm Width: 350 mm Height: 350 mm</p> <p>MANUAL The unit shall be supplied with Operating and Experimental Manuals in English giving full descriptions of the unit, summary of theory, experimental procedures and typical experimental results.</p>	
13	<p>1 Set Fluid Friction Measurements Apparatus</p> <p>DESCRIPTION The unit is self-contained supplied with facilities for students to study the friction losses on smooth-bore pipes of various diameters and an artificially roughened pipe. In addition to the study of losses in straight pipes, a wide range of accessories shall also be provided including 90° bend, elbow and T, 45° elbow and Y, sudden contraction and enlargement, inline strainer, various valves and flowmeters.</p> <p>EXPERIMENTAL CAPABILITIES</p> <ul style="list-style-type: none"> • Laminar to turbulent flow regimes in pipes • Energy losses in pipe fittings and bends • Rugosity • Flow measurement using venturi meter • Flow measurement using orifice plate • Use of pitot static tube • Use of manometers <p>SPECIFICATIONS</p> <p>i) Test Rig ii) Manometers High quality frame and backboard to support test Water manometer: 1 tubes of 1 m length with circuits comes with the following facilities: 1 mm reading</p> <p>a) Smooth-bore pipes of various diameters (7mm, 10mm and 17mm)</p> <p style="text-align: right;">REQUIREMENT</p> <p>b) An artificially roughened pipe (17mm) Hydraulic Bench c) 90° bend d) 90° elbow</p> <p style="text-align: right;">OVERALL DIMENSION</p> <p>e) 90° T Height: 2.05 m f) 45° elbow Width: 0.45 m g) 45° Y Length: 2.40 m h) Sudden enlargement i) Sudden contraction j) Ball valve k) Gate valve l) Globe valve m) Inline strainer n) Venturi made of clear acrylic o) Orifice plate made of clear acrylic p) Pitot static tube section made of clear acrylic</p> <p>MANUAL The unit is supplied with Operating and Experimental Manuals in English giving full descriptions of the unit, summary of theory, experiment procedures and typical experiment results.</p>	

14	<p>1 Set Dead Weight Pressure Calibrator</p> <p>DESCRIPTION The apparatus shall consist of a precision machined piston and cylinder assembly mounted on levelling screws. A Bourdon gauge shall be supplied for calibration.</p> <p>EXPERIMENTAL CAPABILITIES • Calibrating a Bourdon type pressure gauge</p> <p>SPECIFICATIONS Pressure Gauge: Bourdon tube range 0 to 200 kN/m² (kPa) Area of piston: 244.8x 10⁻⁶ m² Mass of piston: 0.557 kg Gauge diameter: 100 mm Ancillary Masses Materia: Brass Weight: 250g (1 unit), 500g (1 units), 1000 g (1 units), 2,000g (1 unit)</p> <p>MANUAL The unit shall be supplied with Operating and Experimental Manuals in English giving full descriptions of the unit, summary of theory, experimental procedures and typical experimental results.</p>	
15	<p>1 Set Triaxial UU-CU-CD Test Systems</p> <p>The configuration for the system shall be the following:</p> <ul style="list-style-type: none"> <input type="checkbox"/> Universal Electromechanic Test Machine x 1 • Servo Controlled Multiplex Machine supplied complete with 50 kN Load Cell, 25 mm Linear Potentiometric Transducer and Data Acquisition and Control Unit. <ul style="list-style-type: none"> • Frame capacity: 50 kN • Testing Speed: 0,00001 mm/min to 51mm/min. • Dimensions: 550x650x1100 mm • Weight (approx.): 95 kg • Power: 750 W <input type="checkbox"/> Load Cell 5 kN x 1 <input type="checkbox"/> Triaxial Cell x 1 • The cell shall have five take-off positions drilled in the base for top drainage/back pressure, pore water pressure and bottom drainage. • The cell capacity shall be designed to tolerate confining pressures as high as 1700 kPa. <ul style="list-style-type: none"> • Dimensions: 160X160X400 mm • Weight (approx.): 4.5 kg • Cell Accessories included shall be the following: <ul style="list-style-type: none"> o Plastic Hose, Ø8 mm, 6 m o Base adaptor for 38 mm dia. samples o Porous top cap for Ø:38 mm dia. Samples o Nylon Tubing for drainage of Ø:38 mm dia. porous top cap o Pair of Porous discs for Ø:38 mm dia. samples o Rubber membrane Ø:38 mm dia. x 150 mm long (pack of 10) o Membrane Placing Tool (Stretcher) for Ø:38 mm samples o ring, for Ø:38 mm dia. Samples (pack of 10) o Ring Placing Tool for Ø:38 mm samples o Filter drains (pack of 50) for Ø:38 mm samples o Filter discs for Ø:38 mm dia sample (pack of 100) o Split Mould for 38 mm samples with a clamp sleeve o Cutter for 38 mm samples 	

	<ul style="list-style-type: none"> o Aluminium Dolly for 38 mm samples o Base adaptor for 50 mm dia. samples o Porous top cap for 50 mm dia. samples o Nylon Tubing for drainage of 50 mm dia. porous top cap o Pair of Porous discs for 50 mm dia. samples o Rubber membrane 50 mm dia. x 200 mm long (pack of 10) o Membrane Placing Tool (Strechter) for 50 mm samples o ring for 50 mm dia. samples (pack of 10) o Ring placing tool for 50 mm samples o Filter drains (pack of 50) for 50mm samples o Filter Paper Discs for 50 mm samples (100 pcs.) o Split Mould for 50 mm samples, with a clamp sleeve o Cutter for 50 mm samples o Aluminium Dolly for 50 mm samples <input type="checkbox"/> Block with 3 Connection Lines for Triaxial Test Cells x 1 <input type="checkbox"/> Pressure Transducer, 2000 kPa x 3 <input type="checkbox"/> Oil and Water Constant Pressure System x 2 • The unit shall provide continuous variable pressure up to 1700 kPa. • Supplied complete with 2 liters of No.46 regular hydraulic oil. • Dimensions: 300x250x250 mm • Weight: 7.5 kg • Power: 35 W <input type="checkbox"/> Automatic Volume Change Unit x 1 • Capacity: 100 cm³ • Transducer Input: up to 12 V DC • Accuracy: ± 0.1 ml • Dimensions: 260x260x400 mm • Weight (approx.): 5 kg <input type="checkbox"/> Static Unilogger 4 Channels x 1 <input type="checkbox"/> Software to Perform UU-CU-CD Triaxial Tests x 1 <input type="checkbox"/> De-Airing Water Tank, 7 L. and Hose x 1 • Dimensions: 465x240x340 mm • Weight (approx.): 15 kg <input type="checkbox"/> Software to perform UU triaxial tests <input type="checkbox"/> Software to perform CU, CD triaxial tests <p>MANUAL</p> <p>The unit shall be supplied with Operating and Experimental Manuals in English giving full descriptions of the unit, summary of theory, experimental procedures and typical experimental results.</p>	
16	<p>6 Pcs Depthmate Digital Portable Sounder</p> <p>SPECIFICATIONS</p> <p>Display: LCD (7 segments)</p> <p>Frequency: 200KHz (Beam angle: 24°)</p> <p>Depth Scale:0.6~80m (1.8~260 feet)</p> <p>Back Light: Filament Light</p> <p>Power off: Automatical (for about 10 seconds)</p> <p>Length of Float Sensor's cable: 10m</p> <p>Battery Life: Approx. 500 activations with battery</p> <p>Weight: Approx. 170g (Display) Approx. 440g (Sensor)</p> <p>Dimensions: 42(Ø)x198(L)mm(Display) 50(Ø)x155(L)mm(Display)</p>	
17	<p>6Pcs Global Water Digital Current Meter</p> <p>SPECIFICATION</p> <ul style="list-style-type: none"> ▪ Digital display in ft./sec or m/sec ▪ Records 30 data sets for analysis 	

	<ul style="list-style-type: none"> ▪ Rain-proof digital computer ▪ Highly accurate easy flow monitoring ▪ Debris shedding turbo-prop ▪ Lightweight, rugged and reliable ▪ Ideal for measuring flows in streams, rivers, canals, storm water, waste water and industrial process waters. ▪ Range: 0.3-19.9 FPS (0.1-6.1 MPS) ▪ Accuracy: 0.1 FP ▪ Averaging: True digital running average. Updated once per second. ▪ Display: LCD, Glare and UV Protected ▪ Control: 4 button ▪ Data logger: 30 sets, MIN, MAX, and AVG ▪ Other features: Timer, Low battery warning ▪ Sensor Type: Protected Turbo-Prop propeller with magnetic pickup. ▪ Auto Shutoff: After 5 minutes of inactivity ▪ Operating Temperature: -4° to 158° F (-20° to 70° C) 	
18	<p>1 Set Automatic CBR Test Machine with U-Touch PRO Control Unit, 50kN Capacity</p> <p>DESCRIPTION</p> <p>The machine shall be composed of a robust and compact two column frame with adjustable upper crossbeam driven by an electromechanical ram with a maximum capacity of 50 kN and a data acquisition and processing system. The ram speed can be set between 0.5 mm/min to 5 mm/min by using the U Touch PRO Control Unit Rapid adjustment of the platen is also provided by up and down buttons which are located on the front panel of the machine.</p> <p>The set shall be supplied complete with</p> <ul style="list-style-type: none"> • Load Cell, 50 kN • Penetration Piston • Linear Potentiometric Displacement Transducer with bracket, 25x0.001 mm • Computer Software • LAN Connection Cable • CBR Mould ASTM / AASHTO, plated steel mould body with 6" (152.4 mm) dia. x 7" (177.8 mm) height, supplied complete with extension collar and perforated base plate • Spacer Disc with T handle ASTM, 150.8 mm dia. x 61.4 mm height" • Annular Surcharge Weight ASTM, 2.27 kg • Slotted Surcharge Weight ASTM, 2.27 kg • CBR Solid Base Plate ASTM • Straightedge 300x30x5 mm • Cutting Edge, ASTM • Filter Paper for CBR Test No:1x150 mm dia. ASTM (Pack of 100) • Filter screen, 144 mm dia. 150 µm mesh ASTM <p>Graphic Display Data Acquisition and Control Unit Graphic Display Data Acquisition and Control Unit shall be used to control the machine and processing of data from load-cells, pressure transducers or displacement transducers which are fitted to the machine.</p> <p>All the operations of the Graphic Display Data Acquisition and Control Unit are controlled from the front</p>	

	<p>panel consisting of a 800x480 pixel 65535 color resistive touch screen display and function keys. One analog channel for load cell and one analog channel for displacement transducer shall exists.</p> <p>The Graphic Display Data Acquisition and Control Unit shall be able to draw real-time Load vs. Time, "Load vs. Displacement" or "Stress vs. Time" graphics.</p> <p>The Graphic Display Data Acquisition and Control Unit shall also be able to/shall have:</p> <ul style="list-style-type: none"> • Calculate corrected CBR value at 2.5 and 5 mm the digital unit saves the load value at user defined displacement values such as 0.625, 1.25, 1.875, 2.5, 3.75, 5, 7.5,10, 12.5 mm • Save load corresponding to the displacements corrected respect to the linear region of the data • Save and calculate the % CBR at 2.5 mm and % CBR at 5 mm is also • Can make test with displacement and limited load control. • Real time display of test graph. • CPU card with 32-bit ARM RISC architecture • Permanent storage capacity up to 10000 test results • 4 analog channels, 2 channels are active for CBR • 1/256000 points resolution per channel • 10 data per second sample rate for each channel • Ethernet connection for computer interface • 800x480 resolution 65535 color TFT-LCD • industrial touchscreen • 4 main function keys • Multi-language support • 3 different unit system selection; kN, Ton and lb • Real-time clock and date • Test result visualization and memory management interface • Remote connection through ethernet • USB flash disc for importing test results and for firmware <p>Data Acquisition & PC Software CBR Test Software shall be used for EN/ASTM/AASHTO/BS CBR Test. The software shall include control of machine, acquisition of load and displacement data, saving them and preparing reports. The software shall continuously update load, stress and displacement till the end of test. These results from the tests shall be used on generating 3 point CBR graph. The software shall support metric, SI and Imperial unit system.</p> <p>The software shall also have / have the ability to:</p> <ul style="list-style-type: none"> • Foreign Language Support and Customizable User Interface • Graphical data on the screen is refreshed simultaneously during test procedure • Capable to Access and use previously done test data • Able to edit test parameters of the testing equipment through Software • Graphical outputs and reports can be saved as a MS Excel worksheet • Maximum Flexibility to edit report and graph templates <p>Dimensions: 480x650x1150 mm Weight (approx.): 110 kg Power: 370 W</p>	
19	<p>1 Set Making and curing of concrete Test specimens</p> <p>The Making and curing of concrete Test specimens shall be the following:</p>	

	<p><input type="checkbox"/> 5 Pcs. Air Entrainment Meter</p> <p>The set shall consist of a pressure-tight flanged cylindrical measuring bowl, fitted with a removeable flanged and a conical cover assembly with a seal in-between. The conical cover shall have an air valve and a pet cock for bleeding-off the water. A cylindrical stand pipe, which is graduated in percent air content shall be fixed on the conical cover assembly. Required pressure shall be applied to the specimen with the help of a pressure bulb. The whole assembly shall be mounted on a flat base. Each apparatus shall be supplied complete with a calibrating cylinder, pressure gauge, funnel, trowel and tamping bar.</p> <p><input type="checkbox"/> 1 pc Electronic Platform Scale 250 kg</p> <ul style="list-style-type: none"> <input type="checkbox"/> Low Battery Indication <input type="checkbox"/> Built-in Rechargeable Battery <input type="checkbox"/> Hi-Lo weight checking with selectable alarm <input type="checkbox"/> Filter function to prevent power fluctuation caused by vibration <input type="checkbox"/> Accumulation, Counting, Tare, Pre-tare and Check Mode Function <input type="checkbox"/> Stable and Peak hold function <input type="checkbox"/> Display resolution up to 15,000 <input type="checkbox"/> Internal resolution 600,000 <input type="checkbox"/> Weighing units: kilograms and pounds <input type="checkbox"/> Platform size: 510 x 410 mm <p><input type="checkbox"/> 8 pcs Beam Mould 150 mm x 150 mm x 700 mm size Tamping Bar, Steel, 25 mm x 25 mm. x 6</p> <p>Beam Mould 150 mm x 150 mm x 700 mm size Moulds are made of steel and are supplied complete with a base plate. Comes with Tamping Bar, Steel, 25 mm x 25 mm square ramming face, 400 mm long, 2kg in weight.</p> <ul style="list-style-type: none"> <input type="checkbox"/> 8 pcs Tap Measure 5m long <input type="checkbox"/> 8 pcs Scoop, Stainless Steel, Capacity 2kg. <input type="checkbox"/> 8 pcs Shovel, with Flat Blade 250x300mm <input type="checkbox"/> 8 pcs Slump Test Apparatus with testing rod & base plate <ul style="list-style-type: none"> •The base shall have cleats on its underside to help dig into the ground surface. •It shall have a positive clamping of slump cone to the base while filling and tamping the concrete. •It shall have a combination swivel carrying handle also serves as the datum. <p>The equipment consist of the following replaceable parts:</p> <ul style="list-style-type: none"> •Slump Cone •Base plate with swivel handle •Tamping rod steel, 10 mm dia x 600 mm length with ISI certification mark IS : 10086 <ul style="list-style-type: none"> <input type="checkbox"/> 8 pcs Straightedge (Knife Edge) 300 mm <input type="checkbox"/> 8 pcs Gauging Trowel available with 100 to 150 mm long blade with straight edge. <input type="checkbox"/> 8 pcs Cylindrical mould, Cast iron, Split length wise 150mm x 300mm high 	
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	<p>These molds shall be made of cast iron and split into two parts longitudinally. These shall be supplied complete with a base plate and top plate, and meet the requirements EN 12390-1-2 and other international standards.</p> <p><input type="checkbox"/> 1 pc Curing Cabinet, 1000 Liters, for cement based mortar specimens</p> <p>The Curing Cabinet shall be used for curing of cement, concrete cubes or other mortar specimens. It can be used for curing cement specimens within the mold, or after removing from the mold. The curing cabinet shall provide $20 \pm 1^\circ\text{C}$ temp. and over 95% RH humidity for cement specimens. Internal chamber and racks shall be made of stainless steel. The temperature shall be maintained at $20 \pm 1^\circ\text{C}$ by an immersion heater and refrigerator unit which shall be supplied complete with cabinet. The cabinet shall be equipped with a digital control unit which controls and monitors the temperature. The humidity shall be maintained from 95% to saturation by water nebulizers and is also monitored on the digital control unit.</p> <p>Internal Dimension: 900x700x1350 mm Weight (approx.): 150 kg External Dimension: 1100x1000x2200 mm Power: 1200 W</p> <p><input type="checkbox"/> 2 pcs Large Curing Tank, corrosion resistant coated metal sheet</p> <p>The curing tank shall be manufactured from powder coated sheet steel. Set of removable upper racks (6 pieces) to hold concrete cubes shall be included. The plastic tanks shall be reinforced with a metal carcass.</p> <p><input type="checkbox"/> 2 pcs Set of removable upper racks for curing tank, (set of 6 pieces) <input type="checkbox"/> 2 pcs Curing Tank Heater</p>	
20	6 Pcs Porcelain Dish 120mm dia.	
21	6 Pcs Borosilicate glass beaker 250ml	
22	6 Pcs Borosilicate glass beaker 600ml	
23	<p>6 Pcs Pyknometer (glass jar type)</p> <p>DESCRIPTION The Pyknometer shall be used for the determination of the relative density and water absorption for aggregates of 10 mm nominal size and smaller</p> <p>SPECIFICATIONS Dimensions: $\text{Ø}100 \times 200$ mm Weight (approx.): 0,5 kg</p>	
24	<p>6 Pcs Pyknometer (Bottle type)</p> <p>Bottle Type Pyknometers shall be used to determine the specific gravity of aggregates.</p>	
25	6 Pcs Glass stirring Rod, 7mm6 sets	
26	<p>6 Pcs Sand Replacement Test Set 100mm, BS</p> <p>DESCRIPTION The Complete set shall consist of a pouring cylinder, calibration container and tray. The sand pouring cylinder shall be made of cast aluminum and precisely machined; the calibration container and tray shall be made of plated sheet steel.</p> <p>SPECIFICATIONS Dimensions: 300x300x440 mm Weight (approx.): 8 kg</p>	

27	<p>6 Pcs Sand Cone Set 6.5”, Calibration Container, 4L</p> <p>DESCRIPTION Sand Cone Set shall be used for the determination of the degree of compaction on site. The set shall include double cone, plastic sand jar and metal tray with flanged hole.</p> <p>SPECIFICATIONS Dimensions: 300x300x550 mm Weight (approx.): 4 kg</p>	
28	<p>6 Sets Balloon Density Apparatus ASTM, 160 ml capacity</p> <p>DESCRIPTION The Balloon Density Apparatus shall be used for the on-site determination of the density of well bonded soil according to the ASTM standards. The set shall consist of a graduated cylinder of 1596 ml capacity housed inside an aluminium guard, a reversible rubber aspirator pump, a density plate 9 inches square, and 12 rubber balloons.</p> <p>SPECIFICATIONS Dimensions: 250x250x700 mm Weight (approx.): 7 kg</p>	
29	1 Set Large Sand Pouring Cylinder, 16.5 Ltr.	
30	1 Set Cylindrical Calibrating Container	
31	1 Set Metal tray 45cm square and 5cm deep with hole	
32	<p>1 Set Standard Proctor Mould, ASTM, Standard Proctor Compaction Rammer, ASTM</p> <p>Standards: ASTM D 698, D 1557, D 558 ; AASHTO T 99, T180, T 134 ; EN 12386-2, 13286-4 BS1377:4,1924:2</p> <p>SPECIFICATIONS Mould:</p> <ul style="list-style-type: none"> • Shall be made of plated steel • Shall include collar, mould body and base plate • Internal Dia. (mm): 101.6 ± 0.4 mm • Body Height (mm): 116.4 ± 0.5 mm • Volume (cm³): 944.0 ± 14 mm • Weight (approx. kg): 7 <p>Rammer:</p> <ul style="list-style-type: none"> • Shall be made of plated steel • Rammer Dia. (mm): 50.8 • Free Fall Height (mm): 304.8± 1 • Mass of Rammer (g): 2495 ± 23 g • Weight (approx. kg): 4.5 	
33	<p>1 Set Modified Proctor Mould, ASTM , Modified Proctor Compaction Rammer, ASTM</p> <p>Standards: ASTM D 698, D 1557, D 558 ; AASHTO T 99, T180, T 134 ; EN 12386-2, 13286-4 BS1377:4,1924:2</p> <p>SPECIFICATIONS Mould:</p> <ul style="list-style-type: none"> • Shall be made of plated steel 	

	<ul style="list-style-type: none"> • Shall include collar, mould body and base plate • Internal Dia. (mm): 152.4 ± 0.7 • Body Height (mm): 116.4 ± 0.5 • Volume (cm³): 2124 ± 25 mm • Weight (approx. kg): 9 <p>Rammer:</p> <ul style="list-style-type: none"> • Shall be made of plated steel • Rammer Dia. (mm): 50.8 • Free Fall Height (mm): 457 ± 1.3 • Mass of Rammer (g): 4540 ± 10 g • Weight (approx. kg): 8 	
34	<p>1 Set Automatic Soil Compactor</p> <p>Standards: ASTM D558, D559, D560, D698, D1557, D1883; EN 13286 2, 13286-47; BS 1377:4 AASHTO T99, T134, T135, T136, T180, T193; NLT 107/98, 108/91, 111/87</p> <p>DESCRIPTION</p> <p>The Automatic Soil Compactor shall be used to compact specimens automatically and uniformly, assuring conformity with different international standards. The drop height shall be adjustable to 300 mm, 305 mm, 450 mm and 457 mm. The rammer shall be circular faced and interchangeable to 50 mm or 50.8 mm diameter.</p> <p>Compactor shall be equipped with programmable digital counter which allows the machine;</p> <ul style="list-style-type: none"> • To select reference standard (number of blows and mould size) by the operator at the beginning of the test. • To set desired compaction cycle (number of blows and count of the number of inner and outer drops) by user. <p>The Automatic Soil Compactor shall be supplied complete with:</p> <ul style="list-style-type: none"> • ASTM Rammer <ul style="list-style-type: none"> o Circular faced,50.8 mm dia. o Adjustable to 2.5 kg or 4.54 kg weight • ASTM Rammer Face, Ø 50.8 mm. • EN/BS Rammer Face, Ø 50 mm. <p>Dimensions: 650x550x1550 mm Weight (approx.): 150 kg Power: 370W</p>	
35	<p>1Pc GPS/GNSS RTK</p> <p>Technical Specifications</p> <p>Satellite Signals Tracked Simultaneously:</p> <p>Signal tracking: 220 channels</p> <p>BDS B1,B2,B3</p> <p>GPS L1C/A,L1C,L2C,L2E,L5</p> <p>GLONASS L1C/A,L1P,L2C/A,L2P,L3</p> <p>SBAS L1C/A,L5 (just for the satellites supporting L5)</p> <p>Galileo GIOVE-A,GIOVE-B,E1,E5A,E5B</p> <p>GNSS features: Positioning output rate:1Hz~50Hz Initialization time:<10s Initialization reliability:>99.99%</p>	

	<p>Positioning precision Code differential GNSS positioning: Horizontal: $\pm 0.25\text{m} + 1\text{ppm}$ Vertical: $\pm 0.50\text{m} + 1\text{ppm}$ SBAS positioning accuracy: typically $< 5\text{m}$ 3DRMS Static GNSS surveying: Horizontal: $\pm 2.5\text{mm} + 0.5\text{ppm}$ Vertical: $\pm 5\text{mm} + 0.5\text{ppm}$ Real-time kinematic surveying: Horizontal: $\pm 8\text{mm} + 1\text{ppm}$ Vertical: $\pm 15\text{mm} + 1\text{ppm}$ Network RTK: Horizontal: $\pm 8\text{mm} + 0.5\text{ppm}$ Vertical: $\pm 15\text{mm} + 0.5\text{ppm}$ RTK initialization time: 2~8s</p> <p>User interaction Operating system: Linux Buttons: Single button operation Indicators: Three LED indicator lights Web UI: Freely to configure and monitor the receiver by accessing to the web server via Wi-Fi and USB Voice guide: iVoice intelligent voice technology provides status and voice guide Supporting Chinese, English, Korean, Russian, Portuguese, Spanish, Turkish and user define Secondary development: Providing secondary development package</p> <p>Hardware performance Dimension: 134 x 134 x 118 (mm) Weight: 1kg(battery included) Material: Magnesium aluminum alloy shell Operating: $-45^{\circ}\text{C} \sim +60^{\circ}\text{C}$ Storage: $-55^{\circ}\text{C} \sim +85^{\circ}\text{C}$ Humidity: 100% Non-condensing Waterproof/Dustproof: IP67 standard, protected from long time immersion to depth of 1m IP67 standard, fully protected against blowing dust Shock and vibration: Withstand 3 meters pole drop onto the cement ground naturally Power Supply: 9-25V DC, overvoltage protection Battery: Rechargeable, removable Lithium-ion battery, 7.4V Battery life: Single battery: $> 7\text{h}$ (static mode), $> 5\text{h}$ (internal UHF base mode), $> 6\text{h}$ (rover mode)</p> <p>Communications I/O port: 5PIN LEMO external power port + RS232, 7PIN external USB(OTG)+Ethernet 1 radio antenna interface, SIM card slot Wireless modem: Built-in radio, 1W/2W/3W switchable, typically work range can be 8KM Radio and internet repeater switchable Frequency Range: 410-470MHz Communication Protocol: TrimTalk450s, TrimMark3, PCC EOT, SOUTH Cellular Mobile Network: WCDMA/CDMA2000/TDD-LTE/FDD-LTE 4G network modem, downward compatible with 3G GPRS/EDGE Double Module Bluetooth: BLEBluetooth 4.0 standard, support for android, ios cellphone connection Bluetooth 2.1 + EDR standard NFC Communication: Realizing close range (shorter than 10cm) automatic pair between receiver and controller</p> <p>WIFI</p>	
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	<p>Standard: 802.11 b/g standard</p> <p>WIFI Hotspot: The WIFI hotspot allows any mobile terminal to connect and access to the internet for the webservice control and monitor receiver</p> <p>WIFI data link: To work as the datalink that receiver is able to broadcast and receive differential data via WIFI</p> <p>Data storage/ Transmission</p> <p>Data Storage: 8GB SSD internal storage</p> <p>Support external USB storage and automatic cycle storage</p> <p>Changeable record interval, up to 50Hz raw data collection</p> <p>Data Transmission: USB data transmission, supporting FTP/HTTP data download</p> <p>Data Format: Differential data format: CMR+, CMRx, RTCM 2.1, RTCM 2.3, RTCM</p> <p>GPS output data format: NMEA 0183, PJK plane coordinates, Binary code</p> <p>Network model support: VRS, FKP, MAC, fully support NTRIP protocol</p> <p>Inertial sensing system</p> <p>Tilt survey: Built-in tilt compensator, correcting coordinates automatically according to the tilt direction and angle of the centering rod</p> <p>Electronic bubble: Controller software display electronic bubble, checking leveling status of the centering rod real time</p> <p>Thermometer: Built-in thermometer sensors, adopting intelligent temperature control technology which can monitor and adjust the temperature of receiver in real time</p> <p>Standard Delivery:</p> <p>Base</p> <ul style="list-style-type: none"> • Main Unit + Receiver x 1 • external radio x 1 • 30cm antenna connector x 1 • Li-ion battery x 2 • Battery charger x 1 • Battery adapter x 1 • Radio antenna x 1 • Screw antenna 1 • Multipurpose Cable x 1 (For UHF external radio) • Additional frequency adjust cable x 1 (For UHF external radio) • Height measuring ruler x 1 • Base Soft case x 1 <p>Rover</p> <ul style="list-style-type: none"> • Main Unit + Receiver x 1 • Screw antenna x 1 • Li-ion battery x 2 • Battery charger x 1 • Battery adaptor x 1 • Multipurpose communication cable x 1 (shall be Connected to PC) • Retractable pole x 1 • Rover Soft Case x 1 • Engineering star x 1 • Static post-processing software x 1 • User manual Certificate, warranty card x 1 (Including the instruction for the software) • S10 data collector x 1 • Li-ion battery for controller x 1 • Controller adapter cable x 1 	
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	<ul style="list-style-type: none"> • Power Adapter x 1 • Serial adapters x 1 • Communication cable for controller x 1 • Communication collect cable Controller bracket x 1 	
36	<p>1 Unit Design of Structures 1 Learning System</p> <p>DESCRIPTION This learning system covers the design, construction, and analysis of structures such as bridges, buildings, and tunnels.</p> <p>This learning system requires a computer. Components include:</p> <p>Test Fixture Assembly</p> <ul style="list-style-type: none"> • Welded tube steel frame • 36” H x 38” W x 30” D <p>Hydraulic Assembly</p> <ul style="list-style-type: none"> • Tank kit • Hydraulic cylinder • Pressure gauge, 4” 3000 psi • Max pressure: 2300 psi <p>Data Acquisition System</p> <ul style="list-style-type: none"> • Signal conditioner unit with (8) analog channels • Wall mount power supply • Data acquisition and analysis software • USB Cable, A-B <p>Bridge Component Set 1</p> <ul style="list-style-type: none"> • Threaded beams (10) • 7” beams (26) • 9.9” beams (6) • Cross braces (8) <p>Bridge Component Set 2B</p> <ul style="list-style-type: none"> • Beam 7” with strain gauge (4) • Beam 9.9” with strain gauge (4) <p>Beam Component Set 1</p> <ul style="list-style-type: none"> • Wooden beam • Foam beam <p>Test Fixture Set 1</p> <ul style="list-style-type: none"> • Threaded rod adapter • Clevis pin (3) • Cotter hairpin (3) • Clevis, male thread • Allen wrench • Truss saddle (2) • Truss load bar • Beam truss load rod assembly <ul style="list-style-type: none"> • Connection plates (2) • Clevis pins (6) • Cotter hairpin (6) • Beam load bar • Top beam test structure <p>• Test Fixture Set 2</p> <ul style="list-style-type: none"> • Clevis top beam <p>Indicator Package</p> <ul style="list-style-type: none"> • Strap, nylon hook and loop • Magnetic base • Precision dial indicator • Clamp, indicator swivels (2) • Stainless steel rods (3) 	

	<ul style="list-style-type: none"> • Socket head cap screw <p>Bridge Designer Software</p> <p>Student Curriculum</p> <p>The student curriculum supplied shall be designed in a skill-based format that focuses on teaching industry-relevant tasks. The objectives shall be accomplished by organizing the learning material into a series of interactive multimedia modules, which are further subdivided into three or more segments per module. All learning materials needed shall be contained in the course including text material, laboratory equipment activities, and multimedia directions. No external text sources shall be required. The specific cognitive skills taught by each text passage shall be identified next to the passage. Each lab activity shall be identified by the industrial task taught. All activities shall be highly detailed with step-by-step instructions to facilitate a self-directed learning environment. A combination of step-by-step enabling activities and creative, problem-solving activities shall be provided. A self-review of five to ten questions shall be provided after each segment. The curriculum must be capable of both self-directed and instructor directed study. All activities must correlate directly to the hardware supplied, with detailed illustrations and diagrams.</p> <p>The student curriculum shall consist of one (1) course of five (5) interactive multimedia modules with at least seventeen (17) skills in structural design. The curriculum shall teach an introduction to civil engineering, statics and data acquisition, moments and bending stress, bridge design and construction, and truss bridge design and analysis. All subject content as well as hands-on activities shall be included in the student curriculum. All activities must correlate directly to the hardware supplied, with detailed illustrations and diagrams.</p> <p>Teacher's Assessment/ Portfolio Guide</p> <p>The teacher's package shall contain student data sheets, data sheet solutions, self-review answers, quizzes, quiz answers, student skill record sheets, and assessment directions. The student data sheets shall be designed with data collection blanks to permit students to record data without consuming the learning activity packets. A quiz shall be provided for each packet. A question shall be provided in each quiz for each cognitive objective taught and correlated as such. All tasks listed in the packet shall be listed on personalized student record sheets. The Instructor's Package shall include methods for both cognitive objective assessment and authentic skills assessment, with all skill assessment criteria explained in detail. Detailed instructions and any supplemental material shall be provided for the teacher to perform live assessment of each student</p>	
37	<p>1 Unit Design of Structures 2 Learning System</p> <p>Description</p> <p>This learning system expands on structural design topics like beam deflection, column buckling, concrete, building design, and construction. This learning system requires Design of Structures 1 Learning System, (7) quarts of Portland cement, (15) quarts of aggregate [nominal size 0.1875 to 0.5" in diameter], (20) quarts of sand [clean], (1) flathead screwdriver, and either 1-phase, 110-240 VAC, 50 - 60 Hz electricity.</p> <p>The system shall include:</p> <p>Concrete Beam Component Set 1</p> <ul style="list-style-type: none"> • Mixing Container, polyethylene, 29-in x 29-in • Trowel • Beaker, 1000ml, polyethylene 	

	<ul style="list-style-type: none"> • (2) Concrete form assemblies, UHMW 12 Polyethylene • (2) Concrete • Load/Mounting Hardware <p>Building Components Set 1</p> <ul style="list-style-type: none"> • (2) Load Beam • Load/Mounting Hardware • (6) Beam Type 2, 12.125" • (2) Beam Type 2, 12.125" with Strain Gauge <p>Beam Component Set 2</p> <ul style="list-style-type: none"> • Steel Beam, CRS, 0.5" x 1.5" x 30" • Aluminum Beam, 6061 T6, 0.5" x 1.5" x 30" • (10) Buckling Members, Aluminum <p>Student Curriculum</p> <p>The student curriculum supplied shall be designed in a skill-based format that focuses on teaching industry-relevant tasks. The objectives shall be accomplished by organizing the learning material into a series of interactive multimedia modules, which are further subdivided into three or more segments per module. All learning materials needed shall be contained in the course including text material, laboratory equipment activities, and multimedia directions. No external text sources shall be required. The specific cognitive skills taught by each text passage shall be identified next to the passage. Each lab activity shall be identified by the industrial task taught. All activities shall be highly detailed with step-by-step instructions to facilitate a self-directed learning environment. A combination of step-by-step enabling activities and creative, problem-solving activities shall be provided. A self-review of five to ten questions shall be provided after each segment. The curriculum must be capable of both self-directed and instructor directed study. All activities must correlate directly to the hardware supplied, with detailed illustrations and diagrams. The student curriculum shall consist of one (1) course of three (3) multimedia modules with at least eleven (11) skills in structural design. The curriculum shall teach beam deflection and column buckling, introduction to concrete, and building design and construction. All subject content as well as hands-on activities shall be included in the student curriculum. All activities must correlate directly to the hardware supplied, with detailed illustrations and diagrams.</p> <p>Teacher's Assessment/ Portfolio Guide</p> <p>The teacher's package shall contain student data sheets, data sheet solutions, self-review answers, quizzes, quiz answers, student skill record sheets, and assessment directions. The student data sheets shall be designed with data collection blanks to permit students to record data without consuming the learning activity packets. A quiz shall be provided for each packet. A question shall be provided in each quiz for each cognitive objective taught and correlated as such. All tasks listed in the packet shall be listed on personalized student record sheets. The Instructor's Package shall include methods for both cognitive objective assessment and authentic skills assessment, with all skill assessment criteria explained in detail. Detailed instructions and any supplemental material shall be provided for the teacher to perform live assessment of each student.</p>	
38	<p>1 Unit Design of Structures 3 Learning System</p> <p>DESCRIPTION</p> <p>Design of Structures 3 Learning System covers the basic principles of surveying, surveying equipment, reading and interpreting maps, and global positioning</p>	

	<p>systems. Surveying involves taking measurements of land and its features and then processing this information into usable data. Surveyor training provides essential information used by construction professionals, civil engineers, and more!</p> <p>This hands-on surveyor training system includes a level-transit kit, global positioning system, printed surveying curriculum, an instructor's guide, an installation guide, and a student reference guide. This equipment and curriculum will be utilized to cover vital topics like level-transit operation, trigonometric survey applications, topographical maps, global positioning system applications, and more!</p> <p>Use Real-World Surveying Equipment to Measure Differences in Elevation. The surveying training system includes a variety of real-world surveying equipment like a 1. global positioning system (GPS), 2. level transit, 3. rod kit, 4. tripod, and 5. level-rod. Learners will use these components to practice skills like using a level-transit to run a straight line and measure differences in elevation, using a level-transit and level-rod to lay out horizontal and vertical angles, and using a GPS to perform and verify a survey. Related skills that learners will practice include using longitude and latitude coordinates to find a location, identifying symbols on a topographical map, and reading a plat.</p>	
39	<p>1 Unit Surveying 1 Learning System</p> <p>Applications of surveying:</p> <ul style="list-style-type: none"> • Establishing or Retracting Property Boundaries – Before initial construction designs can be created, the property boundaries must be determined. This will give the designers the information needed for the layout of the structure and the surrounding area. • Creating Topographic Maps – A topographical map is the graphic representation of surface features. It indicates the relative positions and elevations of these features. • Laying Out and Staking to Guide Construction – The boundaries of a structure need to be laid out, as do locations of certain features such as utility lines or existing construction. • Measuring and Plotting the Position of Constructed Works – Often, the actual construction is surveyed to check for accuracy. If a wall is off by a few inches, the whole structure will be off. <p>Surveying Training System Features Industrial-Grade Components The Surveying 1 Learning System includes</p> <ol style="list-style-type: none"> 1. Level-Transit optical type with 20x magnification, horizontal and vertical adjustments and locks; 2. Level-Transit tripod with adjustable legs and mounting platform; 3. Measuring Tape, fiberglass, 200-ft.; 4. (100) Surveying Flags, plastic film on wire stakes. 	
40	<p>Bidder must submit brochure / catalogue indicating the brandname and model of bid item/s as additional technical requirements. Failure to submit will be grounds for disqualification.</p>	
41	<p>All electrical wirings for the installation of the equipment as well as the lan connections and other incidental costs needed to make the equipment functional shall be shoulder by the supplier.</p>	
42	<p>Equipment must be supply with training manuals in english.</p>	
43	<p>Bidder must conduct after sales training in virtual and actual training by scheduled after completion of delivery and installation.</p>	

44	Supplier shall provide technical personnel / registered engineers to perform maintenance check of the equipment if needed. Supplier confirms the availability of manpower to perform such functions.	
45	Supplier should attach the list of manpower requirements.	
46	One (1) year warranty against factory defects / workmanship	
47	Two (2) years warranty on services	
48	Continuous Technical support after warranty period.	
49	24/7 email support	
50	120 Calendar days delivery	

Section VIII. Bidding Forms

Notes on the Bidding Forms

The Bidder shall complete and submit with its Bid the **Bid Form** and **Price Schedules** in accordance with **ITB** Clause 15 with the requirements of the Bidding Documents and the format set out in this Section.

When requested in the BDS, the Bidder should provide the **Bid Security**, either in the form included hereafter or in another form acceptable to the Entity, pursuant to **ITB** Clause 18.1.

The **Contract Agreement Form**, when it is finalized at the time of contract award, should incorporate any corrections or modifications to the accepted Bid resulting from price corrections. The Price Schedule and Schedule of Requirements deemed to form part of the contract should be modified accordingly.

The **Performance Security Form** and **Bank Guarantee Form for Advance Payment** should not be completed by the Bidders at the time of their Bid preparation. Only the successful Bidder will be required to provide performance security and bank guarantee for advance payment in accordance with one of the forms indicated herein or in another form acceptable to the Procuring Entity and pursuant to **GCC** Clause 13 and its corresponding SCC provision.

The sworn affidavit must be completed by all Bidders in accordance with **ITB** Clause 4.2. Failure to do so and submit it with the bid shall result in the rejection of the bid and the Bidder's disqualification.

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Bid Form

Date: _____
Invitation to Bid⁶ N^o: _____

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

Gentlemen and/or Ladies:

Having examined the Bidding Documents including 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 Bidding Documents for the sum of *[total Bid amount in words and figures]* or such other sums as may be ascertained in accordance with the Schedule of Prices attached herewith and made part of this Bid.

We undertake, if our Bid is accepted, to deliver the goods in accordance with the delivery schedule specified in the Schedule of Requirements.

If our Bid is accepted, we undertake to provide a performance security in the form, amounts, and within the times specified in the Bidding Documents.

We agree to abide by this Bid for the Bid Validity Period specified in **BDS** provision for **ITB** Clause 18.2 and it shall remain binding upon us and may be accepted at any time before the expiration of that period.

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:⁷

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.

⁶ If ADB, JICA and WB funded projects, use IFB.

⁷ Applicable only if the Funding Source is the ADB, JICA or WB.

We certify/confirm that we comply with the eligibility requirements as per **ITB** Clause 5 of the Bidding Documents.

We likewise certify/confirm that the undersigned, *[for sole proprietorships, insert: as the owner and sole proprietor or authorized representative of Name of Bidder, has the full power and authority to participate, submit the bid, and to sign and execute the ensuing contract, on the latter's behalf for the Name of Project of the Name of the Procuring Entity] [for partnerships, corporations, cooperatives, or joint ventures, insert: is granted full power and authority by the Name of Bidder, to participate, submit the bid, and to sign and execute the ensuing contract on the latter's behalf for Name of Project of the Name of the Procuring Entity].*

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.

Dated this _____ day of _____ 20_____.

[signature]

[in the capacity of]

Duly authorized to sign Bid for and on behalf of _____

For Goods Offered From Within the Philippines

Name of Bidder _____ Invitation to Bid⁸ Number ____ 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 Insurance 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)

[signature]

[in the capacity of]

Duly authorized to sign Bid for and on behalf of _____

⁸ If ADB, JICA and WB funded projects, use IFB.

Contract Agreement Form

THIS AGREEMENT made the _____ day of _____ 20____ between [*name of PROCURING ENTITY*] of the Philippines (hereinafter called “the Entity”) of the one part and [*name of Supplier*] of [*city and country of Supplier*] (hereinafter called “the Supplier”) of the other part:

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

NOW THIS AGREEMENT WITNESSETH AS FOLLOWS:

1. In this Agreement words and expressions shall have the same meanings as are respectively assigned to them in the Conditions of Contract referred to.
2. The following documents shall be deemed to form and be read and construed as part of this Agreement, viz.:
 - (a) the Supplier’s Bid, including the Technical and Financial Proposals, and all other documents/statements submitted (*e.g.* bidder’s response to clarifications on the bid), including corrections to the bid resulting from the Procuring Entity’s bid evaluation;
 - (b) the Schedule of Requirements;
 - (c) the Technical Specifications;
 - (d) the General Conditions of Contract;
 - (e) the Special Conditions of Contract;
 - (f) the Performance Security; and
 - (g) the Entity’s Notice of Award.
3. In consideration of the payments to be made by the Entity to the Supplier as hereinafter mentioned, the Supplier hereby covenants with the Entity to provide the goods and services and to remedy defects therein in conformity in all respects with the provisions of the Contract
4. The Entity hereby covenants to pay the Supplier in consideration of the provision of the goods and services and the remedying of defects therein, the Contract Price or such other sum as may become payable under the provisions of the contract at the time and in the manner prescribed by the contract.

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

Signed, sealed, delivered by _____ the _____ (for the Entity)

Signed, sealed, delivered by _____ the _____ (For the Supplier).

Omnibus Sworn Statement

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;
4. Each of the documents submitted in satisfaction of the bidding requirements is an authentic copy of the original, complete, and all statements and information provided therein are true and correct;
5. *[Name of Bidder]* is authorizing the Head of the Procuring Entity or its duly authorized representative(s) to verify all the documents submitted;

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

If a sole proprietorship: The owner or sole proprietor is not related to the Head of the Procuring Entity, members of the Bids and Awards Committee (BAC), the Technical Working Group, and the BAC Secretariat, the head of the Project Management Office or the end-user unit, and the project consultants by consanguinity or affinity up to the third civil degree;

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

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

7. [Name of Bidder] complies with existing labor laws and standards; and

8. [Name of Bidder] is aware of and has undertaken the following responsibilities as a Bidder:

- a) Carefully examine all of the Bidding Documents;
- b) Acknowledge all conditions, local or otherwise, affecting the implementation of the Contract;
- c) Made an estimate of the facilities available and needed for the contract to be bid, if any; and
- d) Inquire or secure 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.

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

Bidder's Representative/Authorized Signatory

SUBSCRIBED AND SWORN to before me this ___ day of [month] [year] at [place of execution], Philippines. Affiant/s is/are personally known to me and was/were identified by me through competent evidence of identity as defined in the 2004 Rules on Notarial Practice

(A.M. No. 02-8-13-SC). Affiant/s exhibited to me his/her [insert type of government identification card used], with his/her photograph and signature appearing thereon, with no. _____ and his/her Community Tax Certificate No. _____ issued on ____ at _____.

Witness my hand and seal this ____ day of [month] [year].

NAME OF NOTARY PUBLIC

Serial No. of Commission _____

Notary Public for _____ until _____

Roll of Attorneys No. _____

PTR No. _____ [date issued], [place issued]

IBP No. _____ [date issued], [place issued]

Doc. No. _____

Page No. _____

Book No. _____

Series of _____

* This form will not apply for WB funded projects.

BID SECURING DECLARATION FORM

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

X-----X

BID SECURING DECLARATION Invitation to Bid: *[Insert Reference number]*

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

I/We⁹, 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 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 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;
 - (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.

⁹ Select one and delete the other. Adopt the same instruction for similar terms throughout the document.

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'S AUTHORIZED REPRESENTATIVE]
[Insert Signatory's Legal Capacity]
Affiant

SUBSCRIBED AND SWORN to before me this ____ day of [month] [year] at [place of execution], Philippines. Affiant/s is/are personally known to me and was/were identified by me through competent evidence of identity as defined in the 2004 Rules on Notarial Practice (A.M. No. 02-8-13-SC). Affiant/s exhibited to me his/her [insert type of government identification card used], with his/her photograph and signature appearing thereon, with no. _____ and his/her Community Tax Certificate No. _____ issued on ____ at _____.

Witness my hand and seal this ____ day of [month] [year].

NAME OF NOTARY PUBLIC

Serial No. of Commission _____

Notary Public for _____ until _____

Roll of Attorneys No. _____

PTR No. _____ [date issued], [place issued]

IBP No. _____ [date issued], [place issued]

Doc. No. _____

Page No. _____

Book No. _____

Series of _____