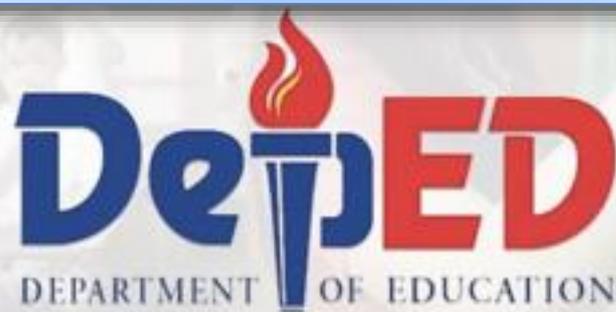




PHILIPPINE BIDDING DOCUMENT



SUPPLY AND DELIVERY OF 2,882 SCIENCE AND MATHEMATICS EQUIPMENT PACKAGES TO 584 PUBLIC JUNIOR HIGH SCHOOLS FOR GRADES 7 TO 10



Public Bidding No. _____

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; Section VII. Technical Specifications, 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

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

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.

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Section I. Invitation to Bid



CENTRAL OFFICE

DepEd Complex, Meralco Ave., Pasig City, Metro Manila
(02) 636 1663 | 633 1942 | (+63) 919 456 0027

Project No. 2019-08-BLR4(001)-BI-CB-005

INVITATION TO BID

FOR THE

SUPPLY AND DELIVERY OF 2,882 SCIENCE AND MATHEMATICS EQUIPMENT PACKAGES TO 584 PUBLIC JUNIOR HIGH SCHOOLS FOR GRADES (SEVEN) 7 TO (TEN) 10

1. The **DEPARTMENT OF EDUCATION (DEPED)**, through the General Appropriations Act FY 2019 intends to apply the sum of Philippine Pesos **ONE BILLION, FOUR HUNDRED THREE MILLION, SEVEN HUNDRED NINETY-SIX THOUAND, FIVE HUNDRED THIRTY-NINE AND 63/100 PESOS (Php 1,403,796,539.63)** being the Approved Budget for the Contract (ABC) to payments under the contract for the Supply and Delivery of 2,882 Science and Mathematics Equipment Packages to 584 Public Junior High Schools for Grades 7 to 10, broken down in lots as follows:

LOT NO.	DESCRIPTION	ITEMS	APPROVED BUDGET FOR THE CONTRACT (ABC)
1 (MI-7/10-SES)	SCIENCE EQUIPMENT AND SUPPLIES LOT 1	<i>- 17 items as indicated in Annex "A" and Section VI. Schedule of Requirement of this Bidding Document</i>	26,129,409.04
2 (MI-7/10-GW)	GLASS WARE LOT 2	<i>- 11 items as indicated in Annex "A" and Section VI. Schedule of Requirement of this Bidding Document</i>	47,761,477.62
3 (MI-7/10-SESC)	SCIENCE EQUIPMENT, SUPPLIES AND CONSUMABLES LOT 3	<i>- 53 items as indicated in Annex "A" and Section VI. Schedule of Requirement of this Bidding Document</i>	914,419,105.54
4 (MI-7/10-ME)	MATHEMATICS EQUIPMENT LOT 4	<i>- 10 items as indicated in Annex "A" and Section VI. Schedule of Requirement of this Bidding Document</i>	81,563,644.83

5 (MI-7/10-3DMG)	3D MODELS AND GLOBES LOT 5	- 27 items as indicated in Annex "A" and Section VI. Schedule of Requirement of this Bidding Document	239,710,557.91
6 (MI-7/10-GWPWPW)	GLASS WARES, PLASTIC WARES, AND PORCELAIN WARES LOT 6	- 20 items as indicated in Annex "A" and Section VI. Schedule of Requirement of this Bidding Document	63,666,760.84
7 (MI-7/10-C)	CHEMICALS LOT 7	- 14 items as indicated in Annex "A" and Section VI. Schedule of Requirement of this Bidding Document	30,545,583.84
TOTAL MARKET ITEMS			1,403,796,539.63

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

2. **DepEd**, through its **Bids and Awards Committee I**, now invites bids for the goods and services contemplated in the project and as detailed in the Schedule of Requirements and the table of Technical Specifications indicated in the Bidding Documents. Delivery of the goods and services is required within **240 calendar days** from the date of receipt of the Notice to Proceed (NTP) or the date provided for such purpose indicated in the NTP. Prospective bidder should have completed, within a period of ten (10) years immediately preceding the deadline for submission of bids, Single Largest Completed Contract (SLCC) similar to the contract to be bid 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 fifty percent (50%) of the ABC of the lot or lots bid for; OR have completed, **within ten (10) years** immediately preceding the deadline for the submission of bids, at least **two (2) contracts** similar to the Project, the aggregate applicable contract amount being equivalent to at least fifty percent (50%) of the ABC of the lot or item bid for, and the largest of those said contracts is equivalent to twenty-five percent (25%) of the said ABC. 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 the **DEPED Procurement Management Service, BAC Secretariat Division**, and inspect the Bidding Documents at the address given below during **Monday to Friday from 8:00am to 5:00pm**.
5. A complete set of Bidding Documents may be acquired by interested Bidders from the DepEd Procurement Management Service – BAC Secretariat Division, Room M-511, 5th Floor, Mabini Bldg., DepEd Complex, Meralco Avenue, Pasig City, upon accomplishing a bidder's information sheet and payment of a non-refundable fee for the Bidding Documents to the DepEd Cashier in the amount of Philippine Pesos **SEVENTY-FIVE THOUSAND AND 0/100 (Php75,000.00)**.

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.

6. The DepEd will hold a Pre-Bid Conference on **August 19, 2019, 8:00 A.M.** at **Robotics Room, Quezon City Science Interactive Center, 2nd Floor, 43 Nueva Ecija St. Bago Bantay, Quezon City**, which shall be open to prospective bidders.
7. Bids must be duly received by the BAC Secretariat at the address below on or before **8:00 A.M.** of **September 2, 2019**. 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 **September 2, 2019, 9:00 A.M.** at **Bulwagan ng Karunungan, Ground Floor, Rizal Building, Department of Education Complex, Meralco Avenue, Pasig 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. DEPED 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:

Christa O. Nicolas
Senior Technical Assistant II
BAC Secretariat Division
Room M-510, 5th Floor, Mabini Building
DepEd Complex, Meralco Avenue, Pasig City
Tel. No. +63.2.633.7232
Email: depedcentral.bacsecretariat@deped.gov.ph

(SGD.)
ALAIN DEL B. PASCUA
Undersecretary and BAC I Chairperson

Section II. Instructions to Bidders

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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 Section VII. Technical Specifications.
- 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 Section VIII. Bidding Forms as 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 Section VIII. Bidding Forms.
- (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 Section VIII. Bidding Forms 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.
- 19.2. 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.
- 19.3. 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.
- 19.4. 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.
- 19.5. 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.

- 23.2. 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.
- 23.3. 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.

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)
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(a) Cash or cashier's/manager's check issued by a Universal or Commercial Bank.	Five percent (5%)
(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.	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

Bid Data Sheet

ITB Clause	
1.1	<p>The Procuring Entity is the DEPARTMENT OF EDUCATION (DEPED).</p> <p>The name of the Contract is: SUPPLY AND DELIVERY OF 2,882 SCIENCE AND MATHEMATICS EQUIPMENT PACKAGES TO 584 PUBLIC JUNIOR HIGH SCHOOLS FOR GRADES 7 TO 10.</p> <p>The Identification Number of the Contract is _____.</p>
1.2	<p>The packages and references are:</p> <p><i>(See: Invitation to Bid, Section VI. Schedule of Requirements, and Annex "A" of this Bidding Documents)</i></p>
2	<p>The Funding Source is:</p> <p>The Government of the Philippines (GOP) through the General Appropriations Act FY 2019 in the amount of ONE BILLION, FOUR HUNDRED THREE MILLION, SEVEN HUNDRED NINETY-SIX THOUSAND, FIVE HUNDRED THIRTY-NINE AND 63/100 PESOS (Php 1,403,796,539.63).</p> <p>The name of the Project is: SUPPLY AND DELIVERY OF 2,882 SCIENCE AND MATHEMATICS EQUIPMENT PACKAGES TO 584 PUBLIC JUNIOR HIGH SCHOOLS FOR GRADES 7 TO 10.</p>
3.1	No further instructions.
5.1	No further instructions.

5.2	<p>None of the circumstances mentioned in the ITB Clause exists in this Project. Foreign bidders, except those falling under ITB Clause 5.2(b), may not participate in this Project.</p> <p>In the case of an eligible foreign bidder as described above, it must secure a PhilGEPS registration by uploading and maintaining, at PhilGEPS, the Class “A” Documents described in ITB Clause 12.1(a), which may be substituted with the appropriate equivalent documents, if any, issued by the country of the foreign bidder concerned.</p> <p>The bid, as well as other correspondence and documents related to the Bid shall be written in English. If supporting documents and printed literature furnished by the Bidder are in another language, it must be accompanied by an accurate translation in English in accordance with Section II, Instruction to Bidders, Clause 11.</p> <p>In case of foreign bidder found eligible in accordance with ITB Clause 5.1, the bidder-supplier shall be represented by an agent in the Philippines authorized to communicate in writing with DepEd, receive and/or furnish documents, cause replacement of defective Goods or complete short deliveries, and able to carry out the Supplier’s obligations prescribed in the Conditions of Contract and/or Technical Specifications, and other similar acts authorized by the Supplier before award and if awarded the contract.</p>
5.4	<p>Prospective bidder should have completed, within a period of ten (10) years immediately preceding the deadline for submission of bids, Single Largest Completed Contract (SLCC) similar to the contract to be bid 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 fifty percent (50%) of the ABC of the lot or lots bid for; OR have completed, within a period of ten (10) years immediately preceding the deadline for submission of bids, at least two (2) similar contracts and the total of the aggregated contract amount should be equivalent to at least fifty percent (50%) of the ABC of the lot/s bid for; and the largest of these similar contracts must be equivalent to at least twenty-five percent (25%) of the ABC of the lot/s to be bid. The contracts may come from different agencies/companies.</p> <p>For this purpose, similar contracts shall refer to <i>Supply and Delivery of Science and Math Equipment</i>.</p> <p>Bidder may use the same contract/s for all lots it intends to bid for, subject to SLCC requirements. This means a single contract amounting to 50% or aggregate contracts amounting to 50%, will be treated independently per lot.</p>

5.5

The computation of a prospective bidder's NFCC 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 lot or aggregate of lots bid for.

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. (23.5.1.4a)

If the prospective bidder submits a committed Line of Credit, it must be at least equal to ten (10%) of the ABC of the lot/s or line item/s bid for: Provided, that if the same is issued by a foreign Universal or Commercial Bank, it shall be confirmed or authenticated by a local Universal or Commercial Bank.

In case the bidder bids for two or more lots or line items, the bidder shall indicate the lots or line items bid for in the order of priority or preference, following the form prescribed in this bidding documents.

The computation of NFCC shall take into account the lots or line items bid for. The number of lots or line items bid for shall also consider the committed line of credit. The bid shall be allowed only to the extent (i.e. number of lots or line items) as the NFCC or the committed line of credit shall cover.

In any case, the NFCC computation or committed Line of Credit, as well as the SLCC, must be sufficient for all the lot/s or line item/s or contracts bid. The NFCC computation shall be in accordance with the prescribed form.

In case of a bid involving two or more lots or line items, the bidder shall indicate in the NFCC form the lots or line items bid for, in their order of priorities or preferences. The first lot or item in the order shall follow the following formula:

NFCC = [(current assets minus current liabilities) x (15)] - value of all outstanding or uncompleted portions of the projects under ongoing contracts, including awarded contracts yet to be started.

5.5 cont.	<p>For subsequent lots, the formula shall be as follows:</p> $NFCC = [(current\ assets - current\ liabilities) \times (15)] - [value\ of\ all\ outstanding\ or\ uncompleted\ portions\ of\ the\ projects\ under\ ongoing\ contracts,\ including\ awarded\ contracts\ yet\ to\ be\ started + value\ of\ the\ prior\ lot\ or\ lots\ bid\ for]$ <p>In case of a joint venture, the NFCC shall be computed based on the Audited Financial Statement of the local lead partner, unless it is shown by clear proof that the other partners to the joint venture have infused capital investment to support the operation of the local lead partner to ensure compliance with the obligations under the contracts in this project, in which case the NFCC of the foreign joint venture or the minority partner of the joint venture shall be computed.</p> <p>For this purpose, the local lead partner shall be that person/organization/company identified in the Joint Venture Agreement or in the Letters of Intents (for potential JV partners) shown to have the controlling stakes in the JV.</p> <p>For easier reference, participating JVs or prospective JV partners must indicate in their JVAs or Letters of Intent the local lead partner appointed by them.</p>
6.2 (d)	<p>Consistent with Section 22.5.3 of the Revised IRR of RA 9184, posting on the PhilGEPS (www.philgeps.gov.ph) and the procuring entity's websites (www.deped.gov.ph) of any supplemental/bid bulletin shall be considered sufficient notice to all bidders or parties concerned.</p> <p>“It shall therefore be the responsibility of all Bidders who secure the Bidding Documents to: a) inquire and secure Supplemental/Bid Bulletins that may be issued by the BAC; b) know the latest website of PhilGEPS and the procuring entity; c) check from time to time the PhilGEPS and Procuring Entity's websites, and at any conspicuous place within the premises of the Procuring Entity for possible posting of any supplemental/bid bulletin; and d) inform the BAC in writing, through its Secretariat, of any changes in its address or contract numbers.</p> <p>Duly signed written communication such as notices or requests shall, likewise, be deemed to have been given or made and considered official communication 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, electronic mail or facsimile to such Party at the address or contact numbers specified in the Bidder's Information Sheet, which shall be effective when delivered and duly received or on the notice's effective date, whichever is later.”</p>
7	No further instructions.
8.1	No further instructions.

8.2	The Supplier shall submit documents of their subcontractor for BAC evaluation. However, during contract implementation, if the Supplier intends to change its subcontractor, the same documents that were submitted during the bidding should be submitted to the Implementing Unit for evaluation.
9.1	DepEd will hold a pre-bid conference for this Project on August 19, 2019, 8:00 A.M. @ Robotics Room, Quezon City Science Interactive Center, 2nd Floor, 43 Nueva Ecija St. Bago Bantay, Quezon City.
10.1	<p>Request for clarifications for an interpretation must be in writing and submitted at least ten (10) calendar days before the deadline set for the submission and receipt of bids.</p> <p>The Procuring Entity’s address is:</p> <p>THE CHAIRPERSON Bids and Awards Committee (BAC) I c/o The Secretariat, Office of the Asst. Sec. for Procurement 5th Floor, Bonifacio Building, DepEd Central Office Complex, Meralco Avenue, Pasig City Tel. Nos. (632) 633-9343, 636-6542 Telefax Nos. (632) 636-6542 depedcentral.bacsecretariat@deped.gov.ph</p> <p>In accordance with ITB Clause 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.</p> <p>Consistent with Section 22.5.3 of the revised IRR of RA 9184, posting on the PhilGEPS (www.philgeps.gov.ph) and the procuring entity’s website (www.deped.gov.ph) of any supplemental/ bid bulletin shall be considered sufficient notice to all bidders or parties concerned.</p>
10.2	It shall be the responsibility of all Bidders who secure the Bidding Documents to: (a) inquire and secure Supplemental/ Bid Bulletins that may be issued by the BAC; (b) know the latest website of PhilGEPS and procuring entity; (c) check from time to time the PhilGEPS and procuring entity’s websites for possible posting of any supplemental/ bid bulletin; and (d) inform the BAC in writing, through its Secretariat of any changes in its address or contact numbers.

11	<p>In case of foreign bidders, if the eligibility requirements or statements, the bids, and all other documents submitted to the BAC are in foreign language other than English, they must be accompanied by a translation of the documents in English. The documents shall be translated by the relevant foreign government agency, the foreign 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.</p>
12.1	<p>For purposes of determining the eligibility of bidders using the criteria stated in Section 23.4 of the IRR of RA 9184, only the following documents shall be required by the BAC, using the forms prescribed in this bidding documents:</p> <p>a) Class "A" Documents:</p> <p><i>Legal Documents</i></p> <p>i) Registration certificate from SEC, Department of Trade and Industry (DTI) for sole proprietorship, or CDA for cooperatives;</p> <p>ii) Mayor's business permit issued by the city or municipality where the principal place of business of the prospective bidder is located, or the equivalent document for Exclusive Economic Zones or Areas.</p> <p>In cases of recently expired Mayor's Business permits, it shall be accepted together with the official receipt as a proof that the bidder has applied for renewal within the period prescribed by the local government unit, provided that the renewal permit shall be submitted as post-qualification requirement in accordance with Section 34.2 of the IRR.</p> <p>iii) Tax declaration per E.O. 398, s. 2005, as finally reviewed and approved by the Bureau of Internal Revenue (BIR);</p> <p><i>Technical Documents</i></p> <p>iv) Statement of the prospective bidder of all its ongoing government and private contracts, including contracts awarded but not yet started, if any, whether similar or not similar in nature and complexity to the contract to be bid;</p> <p>v) Statement of the bidder's Single Largest Contract (SLCC) similar to the contract to be bid, except under conditions provided for in Sections 23.4.1.3 and 23.4.2.4 of the IRR, within the relevant period as provided in the bidding documents in the case of goods.</p> <p>All of the above statement shall be include all information required in the PBDs prescribed by the GPPB.</p>

12.1 cont.

Financial Documents

- vi) The prospective bidder's Audited Financial Statement, showing, among others, the prospective bidder's total and current assets and liabilities, stamped "received" by the BIR or its duly accredited and authorized institutions, for the preceding calendar year which should not be earlier than two (2) years from the date of bid submission;
- vii) The prospective bidder's computation of Net Financial Contraction Capacity (NFCC). However, in the case of procurement of Goods, a bidder may submit a committed Line of Credit from a Universal or Commercial Bank, in lieu of its NFCC computation.

Original copies of the Class "A" Eligibility Legal Documents, such as the SEC, DTI, or the CDA registration certificate and the Mayor's Permit, may not be submitted on the date and the time of the bid submission. However, the bidder must be able to present such original copies during post-qualification or upon demand by the BAC or its authorized representative(s).

b) Class "B" Document:

In the case of joint venture, bidders shall submit a valid Joint Venture Agreement (JVA), in case the joint venture is already in existence. In the absence of a JVA, duly notarized statements from all the potential joint venture partners should be included in the bid, stating that they will enter into and abide by the provisions of the JVA in the event that the bid is successful. Failure to enter into a joint venture in the event of a contract award shall be ground for the forfeiture of the bid security.

Each of the joint venture shall submit their respective PhilGEPS Certificate of Registration in accordance with Section 8.5.2 of the IRR. The submission of technical and financial eligibility documents by any of the joint venture partners constitute compliance: Provided, that the statement of all ongoing contract and the Audited Financial Statement (AFS) to be considered by the BAC shall be that of the partner whose NFCC was submitted

For a Contract or Purchase Order (P.O.) to be considered completed, it should have been accepted and duly issued a Certificate of Completion (COC), or any document of similar import with corresponding supporting documents, to wit:

- Invoices showing at least ninety (90%) of Contract or P.O. has been paid, signed by its Head of the Procuring Entity (HoPE) or its duly authorized representative in case of government contracts; or
- End-user's Acceptance in case of private contracts, ninety percent (90%) of which has been paid.

12.1 Cont.	<p>Failure to include a material ongoing contract or failure to disclose complete information in the statement of contracts shall result in the following:</p> <ol style="list-style-type: none"> a. Disqualification of the bidder for non-compliance with the eligibility requirement under Sections 23.1 or 24.1 of the revised IRR. b. Blacklisting under Section 65.3 (a) or (b) of the revised IRR. <p>In case the bidder has no ongoing contract, the bidder shall submit a duly signed Statement of All Ongoing Government and Private Contracts form provided in Section VIII, Bidding Forms and indicate “No Ongoing Contract” or “None” or “Not Applicable (N/A)” in said form; otherwise, the bid shall be rejected or disqualified.</p> <p>Bidders with ongoing project/s with DepEd are allowed to bid for this project provided:</p> <ol style="list-style-type: none"> 1. The ongoing project will be subject to verification/validation as part of the post qualification pursuant to section 34.3 (iii) of the revised IRR of RA 9184. 2. BAC will determine during post qualification if the unfinished projects may impact on the implementation of the new project.
12.1(a)	<p>Bidders shall be guided by the provisions of GPPB Resolution No. 26-2017, which states as follows:</p> <p><i>“4.0. Deferment of Mandatory submission of PhilGEPS Certificate of Registration and Membership.</i></p> <p><i>“4.1. To provide prospective bidders with additional time to register with PhilGEPS under the Platinum Membership category and to synchronize with the PhilGEPS Modernisation, the Government Procurement Policy Board resolved to approved, by referendum, the deferment of the implementation of mandatory submission of PhilGEPS Certificate of Registration and Membership in Comprehensive Bidding under Section 8.5.2 of the 2016 revised IRR of RA 9184, thus:</i></p> <p><i>“4.1.1. For all procurement projects advertised and/or posted after the effectivity of this Circular, bidders may still submit their Class “A” Eligibility Documents required to be uploaded and maintained current and updated in the PhilGEPS pursuant to Section 8.5.2 of the same IRR, or if already registered in the PhilGEPS under Platinum category, their Certificate of Registration and Membership in lieu of their uploaded file of Class “A” Documents, or a combination thereof. In case the bidder opted to submit their Class “A” Documents, the Certificate of PhilGEPS Registration (Platinum Membership) shall remain as post-qualification requirement to be submitted in accordance with Section 34.2 of the 2016 Revised IRR of RA 9184.”</i></p>

12.1(a)(vi)	For foreign bidders, or Filipino firms with JV with foreign bidders, each firm must submit a valid Tax Clearance Certificate issued by the Bureau of Internal Revenue, Quezon City, Philippines; otherwise the bid shall be automatically rejected or disqualified. There is no equivalent document for this requirement.
12.1(b)(i)	<p>Technical Documents: Bid Security</p> <p>Original Bid Security shall be submitted inside the Technical Component envelope. Bid security in the form of cashier’s/manager’s check shall be made payable to “Department of Education – OSEC Trust.”</p> <p>Bid Securing Declarations must be in the standard form and the required fields of information should be properly filled out, otherwise, it shall be a ground for disqualification of the bids.</p> <p>There must be a separate Bid Security for each lot. In the case of Bid Securing Declaration, the bidder may opt to submit as many Bid Securing Declarations as there are lots it is participating on OR a single declaration for all lots provided the lots are specifically stated in the said Bid Securing Declaration.</p>
12.1(b)(ii)	<p>Technical Documents: Conformity with the Technical Specifications</p> <p>To be submitted in the Eligibility and Technical Component Envelope</p> <ol style="list-style-type: none"> 1. Duly accomplished and signed Bidder’s Statement of Compliance following the templates found in Section VII. Technical Specifications and Section VIII Bidding Forms, respectively. The statement of compliance to technical specifications must strictly observe the requirement on cross-referencing to appropriate evidence. 2. The bidder must attach to the schedule of Requirements a production (supply), distribution, installation, commissioning, and testing schedule or chart, particularly showing the timelines and the quantities of each item to be supplied, distributed, installed and commissioned.
12.1(b)(iii)	<p>Technical Document: Omnibus Sworn Statement</p> <p>For purposes of the Omnibus Sworn Statement, the statement pertaining to the authority of the signatory must be supported by the following documents:</p> <ul style="list-style-type: none"> • For sole proprietorship, a duly notarized Special Power of Attorney; • For partnership, corporation, cooperative or joint venture, a duly notarized secretary’s Certificate issued by the entity or members of the JV.
13.1	“No additional requirements.”

13.1(a)	<p>The original duly signed and accomplished Financial Bid Form and the original duly signed and accomplished with ITB Clause 15.</p> <p>Bill of Quantities may not be submitted; The Price Schedules, Schedules of Requirements, and/or Technical Specifications shall serve as the Bill of Quantities or List of Goods.</p>
13.1(b)	No further instructions.
13.1(c)	“No additional requirements.”
13.2	<p>The Approved Budget for the Contract (ABC) shall refer to the approved budget ceiling allocated to each of the lots, and shall be as indicated in the Invitation to Bid, this BDS and Section VI. Schedule of Requirements of this bidding document.</p> <p>Any bid with financial component exceeding the applicable amount of ABC shall not be accepted, and would constitute as ground for disqualification for that particular item.</p>
15.1	<p>Bid prices shall be written in two (2) decimal places only. Bid prices that are written in more than two (2) decimal places shall be rounded off.</p> <p>Results of Bid Evaluation that will exceed the ABC shall be a ground for rejection of the bids.</p>
15.2	<p>The Bidder shall fill in the rates and/or prices for all the Goods or items described in the Schedule of Requirements, and complete the appropriate Price Schedules in its prescribed form included in Section VIII. Bidding Forms.</p> <p>The Bill of Quantities described in ITB Clause 15.2, may not be submitted.</p> <p>The bidder shall fill in prices indicated on the Price Schedule for inland transportation, insurance and other local costs incidental to the delivery of the Goods to their final destination, including all customs duties and sales and taxes already paid or payable.</p> <p>Incomplete and unsigned price schedules and bid forms shall be considered as non-responsive and, therefore, automatically disqualified.</p>
15.4(a)(iv)	“Incidental Services are as required under SCC of this bidding document.”
15.4(b)	“The price of the Goods shall be quoted DDP <i>delivered Project Site(s)</i> ”, or <i>the applicable INCOTERMS for this Project</i> .
16.1(b)	The Bid prices for Goods supplied from outside of the Philippines shall be quoted in Philippine Pesos.
16.3	Payment shall be made in Philippine Pesos .

17.1	Bids will be valid for 120 calendar days from date of bid opening. Bids valid for a shorter period shall be rejected outright as non-responsive.
18.1	The bid security per lot item shall be in any of the following forms and amount: (as indicated in Annex “A” of this Bidding Document)
18.2	The bid security shall be valid for 120 calendar days reckoned from date of opening of bids. Bids with bid security valid for a shorter period shall be rejected outright as non-responsive. Bid securities shall be turned over to the DepEd Cash Division for custody.
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 described in ITB Clause 13 in another sealed envelope marked “ORIGINAL – FINANCIAL COMPONENT.” In addition, the Bidders shall submit a copy of each of the Technical Component and the Financial Component (hard and soft copy) of their bids in separate envelopes, respectively. Then, the bidders shall seal and mark the original and the copies of their bids in accordance with BDS 20.2. In the event of any discrepancy between the original and the copy, the original shall prevail. Original copies of the Class “A” Eligibility Legal Documents, such as the SEC, DTI, or the CDA registration certificate and the Mayor’s Permit, may not be submitted on the date and the time of the bid submission. However, the bidder must be able to present such original copies during post-qualification on demand by the BAC or its authorized representative(s). The Technical Component is inclusive of the Eligibility Documents described in ITB 12.

20.2	<p>The inner and outer envelopes of the Technical Component and the Financial Component of the bids shall be marked in accordance with ITB Clause 20.4.</p> <p>To facilitate the receipt and classification of bid envelopes, outer and inner envelopes shall be color <u>GREEN</u>.</p> <p>The following documents which are to be submitted as part of the bids must be produced in electronic forms recorded on three (3) USB drives (in both WORD format and PDF (or read-only) format):</p> <ol style="list-style-type: none"> 1. Statement of Compliance with Technical Specifications; 2. Filled out Price Schedule 3. Filled out Bid Form <p>In case of discrepancy in the substance and content between the printed copies and the USBs, the printed copies shall prevail. Submission of blank USBs will not be a ground for disqualification, but the bidder shall be required to submit during post-qualification.</p> <p>Post qualification documents may be submitted during the bidding but this does not qualify bidders who will not submit post qualification documents during bid submission.</p> <p>A bidder may bid on one or more lots. Submit only one (1) set of bid doc (1 original and 2 copies), provided the following is observed:</p> <ol style="list-style-type: none"> 1. The NFCC requirement as classified in BDS Clause 5.5 has been properly accomplished. 2. The Statement of Compliance with Technical Specifications clearly indicate the items and lots bid for. 3. The Price Schedule clearly indicate the items and lots bid for and their offered prices.
20.3	Subject to BDS Clause 20.1 and 20.2 each bidder shall submit three (3) paper copies of its bid.
20.5	Unsealed or unmarked outer bid envelopes shall be rejected. However, bid envelopes that are not properly sealed and marked, as required in the Bidding Documents, shall be accepted, provided that the bidder or its duly authorized representative shall acknowledge such condition of the bid as submitted. The BAC shall assume no responsibility for the misplacement of the contents of the improperly sealed or marked bid, or for its premature opening. (n)
21	<p>The address for submission of bids is: <u>Room M-511, 5th Floor, BAC Secretariat Division, Mabini Building, Department of Education Complex, Meralco Avenue, Pasig City.</u></p> <p>The deadline for submission of bids is: <u>September 2, 2019, 8:00 A.M.</u></p>

24.1	<p>The place of bid opening is <u>Bulwagan ng Karunungan, Ground Floor, Rizal Building, Department of Education Complex, Meralco Avenue, Pasig City</u></p> <p>The date and time of bid opening is <u>September 2, 2019, 9:00 A.M.</u></p> <p>“In case the bids cannot be opened as scheduled due to justifiable reasons, the BAC shall take custody of the bids submitted and rescheduled 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 DepEd.”</p>
24.2	No further instructions.
24.3	No further instructions.
25.1	The “NO CONTACT RULE” shall be strictly observed. Bidders are not allowed to call or talk to any member of the Bids and Awards Committee (BAC), Technical Working Group (TWG) or Secretariat
27.1	No further instructions.
28.3	The items to be procured are grouped in lots and line items. Bidders shall have the option of submitting a proposal on any or all lots. Bidders must bid for all items in the lot bid for, otherwise, the bid shall be rejected. Lot shall not be divided further into sub-lots for the purpose of bidding, evaluation, and contract award. Evaluation and contract award will be undertaken on a “per-lot” basis or “per line item” basis, as may be applicable.
28.3(b)	<p>Arithmetical Computation</p> <p>Bid modification shall be allowed only in accordance with ITB Clause 23.</p>
28.4	No further instructions.
28.5	The evaluation of bids shall only be based on the bid price(s) quoted in the Financial Bid Form(s) and the Price Schedule(s).

29.1	<p>1. Upon demand by the BAC or its representative(s), a bidder with the lowest calculated bid shall present or submit the following:</p> <ul style="list-style-type: none"> a. Documents to confirm or support its Statement of Ongoing and/or Statement identifying its Aggregate Largest Completed Contracts which may consist of contracts, purchase orders, agreements, notices of award, job orders, or notices to proceed, with the corresponding duly signed certificate of completion, delivery receipts, inspection and acceptance reports, certificates of final acceptance or official receipts. b. Original copy of the submitted eligibility, technical and financial documents during bid opening.
29.2	<p>Within a non-extendible period of five (5) calendar days from receipt by the bidder of the notice from the BAC that it submitted the LCB, the Bidder shall submit the following documentary requirements:</p> <ul style="list-style-type: none"> a. Latest income and business tax returns: Printed copies of the Electronically filed Income Tax and Business Tax Returns with copies of their respective Payment Confirmation Forms for the immediately preceding calendar/tax year from the authorized agent bank; and b. Other appropriate licenses and permits required by law or as may be prescribed by the BAC. <p>The following documents shall also be submitted:</p> <ul style="list-style-type: none"> 1. Sworn undertaking or Certification under oath that the tools and equipment supplied is non-toxic. <p>In addition to the documentary requirements to be submitted during post-qualification as provided under ITB Clause 29.2 (a) to (c), the bidder/s having the Lowest Calculated Bid/s shall submit sample item(s)/unit(s) for all the items within the lot/s being bid for based on the technical specifications as indicated in Section VII. Technical Specifications. Bidder may provide better or superior quality samples.</p> <p>These samples shall be subjected to evaluation during post-qualification to determine compliance of the said bid-der/s with DepEd Technical Specifications requirements.</p> <p>Please refer to submission of samples on Annex “B”</p> <p>Failure of the samples to meet DepEd specifications shall be a ground for disqualification of the bidder/s.</p>

29.2 (a)	<p>Only tax returns filed and taxes paid through the BIR Electronic Filing and Payment System (EFPS) shall be accepted. (<i>as amended by GPPB Res. No. 11-2013</i>)</p> <p>Printed copies of the Electronically filed Income Tax and Business Tax Returns with copies of their respective Payment Confirmation Forms for the immediate preceding calendar/tax year from the authorized agent bank shall be submitted.</p> <p>NOTE: The latest income and business tax returns are those within the last six months preceding the date of bid submission.</p>
29.2(c)	No further instructions.
29.4	In accordance with GPPB Circular No.06-2005 dated August 5, 2005, in case of a tie or equal bids having been post-qualified, DepEd shall use “draw lots” or similar methods of chance to break the tie.
31	Determination of award shall be on a per lot basis.
32.4(g)	No further instructions.
33.2	<p>The successful bidder shall furnish the performance security in any of the forms prescribed in ITB Clause 33.2 <i>and an amount not less than the required percentage of the contract price</i>, and shall remain valid until thirty (30) days from issuance by the Procuring Entity of the Certificate of Final Acceptance and must be <i>co-terminus</i> with the Project.</p> <p>The performance security posted shall be turned-over to the DepEd Cash Division for custody.</p> <p>The Supplier shall be responsible for the extension of its performance security during the remaining period or duration of the Project reckoned from the date of the effectivity of the contract, or for any contract time extension granted by DepEd, which shall be valid until final acceptance of the Project.</p>
34.2	Consistent with Section 37.4.1 of the IRR of RA 9184, the contract effectivity date shall be provided in the Notice to Proceed by DepEd, which date shall not be later than seven (7) calendar days from its issuance.

Section IV. General Conditions of Contract

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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 Section VII. Technical Specifications; 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 Section VII. Technical Specifications shall specify what inspections and/or tests the Procuring Entity requires and where they are to be conducted. The Procuring Entity shall notify the Supplier in writing, in a timely manner, of the identity of any representatives retained for these purposes.
- 16.2. 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.
- 16.3. 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.

- 16.4. 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.
- 16.5. 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. Once the amount of liquidated damages reaches 10%, 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 may rescind or terminate a contract for default, without prejudice to other courses of action and remedies available under the circumstances when, outside 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;

- 23.2. The Procuring Entity may terminate the contract when, 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;
- 23.3. The Procuring Entity shall terminate the contract when the Supplier fails to perform any other obligations under the Contract.
- 23.4. 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.
- 23.5. 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) afore-mentioned, 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

Special Conditions of Contract

GCC Clause	
1.1(g)	The Procuring Entity is the DEPARTMENT OF EDUCATION (DEPED) .
1.1(i)	The Supplier is _____.
1.1(j)	<p>The Funding Source is:</p> <p>The Government of the Philippines (GOP) through the General Appropriations Act FY 2019 in the amount of ONE BILLION FOUR HUNDRED THREE MILLION SEVEN HUNDRED NINETY-SIX THOUSAND FIVE HUNDRED THIRTY-NINE AND 63/100 PESOS (Php 1, 403,796,539.63).</p>
1.1(k)	The Project Sites are indicated in Annex “E” of this bidding document.
2.1	No further instructions.
5.1	<p>The Procuring Entity’s address for Notices is:</p> <p align="center">USEC. ALAIN DEL B. PASCUA</p> <p align="center">Thru,</p> <p align="center">_____</p> <p align="center">_____</p> <p align="center">DepEd Central Office Complex Meralco Avenue, Pasig City Tel Nos.: _____ Telefax No.: _____ Email Add: _____</p> <p>The Supplier’s address for Notices is:</p> <p align="center">_____</p>

6.2

Delivery and Documents –

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:

For Goods Supplied from Abroad, “The delivery terms applicable to the Contract are DDP delivered Project Site. In accordance with INCOTERMS.”

For Goods Supplied from Within the Philippines, “The delivery terms applicable to this Contract are delivered DDP Project Site. Risk and title will pass from the Supplier to the Procuring Entity upon receipt and final acceptance of the Goods at their final destination.”

Delivery of the Goods shall be made by the Supplier in accordance with the terms specified in Section VI. Schedule of Requirements. The details of shipping and/or other documents to be furnished by the Supplier are as follows:

For Goods supplied from within the Philippines:

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:

- (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, detailing number and description of items received signed by the authorised receiving personnel;
- (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) Certificate of Acceptance/Inspection Report signed by the Procuring Entity’s representative at the Project Site; and
- (vii) Four copies of the Invoice Receipt for Property signed by the Procuring Entity’s representative at the Project Site.

6.2 (cont.)

For Goods supplied from abroad:

Upon shipment, the Supplier shall notify the Procuring Entity and the insurance company by cable the full details of the shipment, including Contract Number, description of the Goods, quantity, vessel, bill of lading number and date, port of loading, date of shipment, port of discharge etc. Upon delivery to the Project Site, the Supplier shall notify the Procuring Entity and present the following documents as applicable with the documentary requirements of any letter of credit issued taking precedence:

- (i) Original and four copies of the Supplier's invoice showing Goods' description, quantity, unit price, and total amount;
- (ii) Original and four copies of the negotiable, clean shipped on board bill of lading marked "freight pre-paid" and five copies of the non-negotiable bill of lading ;
- (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 Procuring Entity's representative at the Project Site;
- (vii) Certificate of Acceptance/Inspection Report signed by the Procuring Entity's representative at the Project Site; and
- (viii) Four copies of the Invoice Receipt for Property signed by the Procuring Entity's representative at the Project Site.

For purposes of this Clause the Procuring Entity's Representative at the Project Site is **[insert name(s)]**.

6.2 (cont.)

Incidental Services – The supplier is required to provide all of the incidental and additional services as specified in Section VI. Schedule of Requirements, among which are as follows:

- a. Performance or supervision of on-site assembly and/or start-up of the supplied goods;
- b. performance or supervision or maintenance of supplied goods.
- c. furnishing of a detailed operations and maintenance manual for each appropriate unit of the supplied goods;
- d. performance or supervision or maintenance and/or repair of the supplied goods, for a period of time, agreed by the parties, provided that this service shall not relieve the Supplier of any warranty obligations under this Contract; and
- e. Training of DepEd’s personnel, at the Supplier’s plant and/or on-site, in assembly, start-up, operation, maintenance, and/or repair of the supplied goods.
- f. The Supplier shall distribute the properly accomplished delivery documents to the concern offices and individual such as: Offices: Recipient schools (Complete set); School Division Offices (complete set); Regional Office (IAR only); DepEd Central Offices [Accounting/COA – complete set original; AMD - complete set; BLR Cebu – complete set] Supplier – complete set and Individual: Third Party Monitor – IAR only.

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.

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.

Spare Parts –

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

- (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;
- (b) in the event of termination of production of the spare parts:
 - i. advance notification to the Procuring Entity of the pending termination, in sufficient time to permit the Procuring Entity to procure needed requirements; and
 - ii. following such termination, furnishing at no cost, to the Procuring Entity, the blueprints, drawings, and specifications of the spare parts, if requested.

The Supplier shall carry sufficient inventories to assure ex-stock supply of consumable spares for the Goods that will be sustained for a **minimum of five (5) years** from the date the goods were procured.

Other spare parts and components must be available nationwide and shall be supplied as promptly as possible, but in any case within **one (1) month** of placing the order.

Packaging-

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 DepEd.

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

DepEd Logo



DepEd Slogan: "Working for quality, accessible, relevant, and liberating education!"

Project Name (to be finalized by DepEd)

Items inside (name, general description, quantity)

Packing/Unpacking instructions

- Any special lifting instructions
- Any special handling instructions
- Any relevant HAZCHEM classifications

Supplier's Name and Contact Details

Recipient Name and Contact Details

Others (to be finalized by DepEd)

External sides of delivery packages/boxes should be colored Cyan Blue: C, M, Y, K (71,53,0,12)

Insurance –

The Goods supplied under this Contract shall be fully insured by the Supplier in a freely convertible currency against loss or damage

	<p>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 at the delivery sites.</p>
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6.2 cont.	<p>Transportation –</p> <p>Where the Supplier is required under Contract to deliver the Goods CIF, CIP or DDP, transport of the Goods to the port of destination or such other named place of destination in the Philippines, as shall be specified in this Contract, shall be arranged and paid for by the Supplier, and the cost thereof shall be deemed included in the Contract Price.</p> <p>Where the Supplier is required under this Contract to transport the Goods to a specified place of destination within the Philippines, defined as the Project Site, transport to such place of destination in the Philippines, including insurance and storage, as shall be specified in this Contract, shall be arranged by the Supplier, and related costs shall be deemed included in the Contract Price.</p> <p>Where the Supplier is required under Contract to deliver the Goods CIF, CIP or DDP, Goods are to be transported on carriers of Philippine registry. In the event that no carrier of Philippine registry is available, Goods may be shipped by a carrier which is not of Philippine registry provided that the Supplier obtains and presents to the Procuring Entity certification to this effect from the nearest Philippine consulate to the port of dispatch. In the event that carriers of Philippine registry are available but their schedule delays the Supplier in its performance of this Contract the period from when the Goods were first ready for shipment and the actual date of shipment the period of delay will be considered <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. 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 free and/or 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>
10.1	<p>Payments shall be made subject to the provisions of Clause 4.8 of DepEd Order (DO) No. 67 s. 2016, as amended by D. O No. 006 s. 2019, on the delegated signing authorities involving claims for payment of procurement deliveries.</p>

10.3	<p>Payment</p> <p>Schedule of Payment:</p> <p>Progress Payments - Progress Payments - Supplier may submit a request for payment based on the monthly Progress Reports. The Progress Reports shall be attached to the progress billing and should include the following: (i) cumulative quantities of items delivered based on the schedule of deliveries and other relevant terms and conditions of the contract; and (ii) Inspection and acceptance reports, including certification by supplier, as approved by duly authorized DepEd representative, that the items have been delivered on/or properly installed and commissioned in accordance with the contract.</p> <p>(NOTE: The Supplier must furnish copy of the above-mentioned documents to DepEd Accounting and the End-user (Technical Service and the Contract Management Division of the Procurement Service, Central Office).</p> <p>Payments shall be subject to the “Warranty” provision in the form of either retention money in an amount equivalent to at least 3% of every progress payment, or a special bank guarantee in the amount equal to at least 3% of the Contract Price as required under Section 62 of RA 9184 and its IRR.</p> <p>The method and conditions of payment to be made to the Supplier through the Government disbursement procedure within sixty (60) days after the date of acceptance of Goods at the Project Site and upon submission of documents under this contract shall be as follows:</p> <p>For the initial progress payment, a minimum of 25% of the Contract Price per lot or per item shall be paid to the Supplier upon a minimum of 25% of the requirement per lot or per item and duly accepted by the school’s representatives.</p> <p>Final payment shall constitute release of the retention money in case of expiry of the warranty period, or whatever is left of it, after it has been called for use under the warranty provision.</p> <p>Payment shall be made within sixty (60) calendar days after the date of acceptance of the goods at the Project Site and upon submission of the documents (i) to (viii) specified in SCC Clause 6.2 and other documents required in accounting and auditing rules and regulations.</p> <p>The retention money or special bank guarantee shall be released only at the lapse of the warranty in SCC Clause 17.3.</p>
10.4	"Payment shall be made in Philippine Pesos .

11.1	Memorandum No. 15, s. 2011, amending No. 4.5 Annex “D” of the revised IRR of A 9184 provides that upon submission of an irrevocable letter of credit or bank guarantee issued by a Universal or Commercial Bank, advance payment not to exceed fifteen percent (15%) of the contract amount shall be allowed and paid within sixty (60) calendar days from signing of the contract. the irrevocable letter of credit or bank guarantee must be for an equivalent amount, shall remain valid until the goods are delivered, and accompanied by a claim for advance payment.
13.4	The Supplier shall be responsible for the extension of its performance security and/or undertakes to renew its performance security whenever necessary, and without need of prior notice or instruction from the Procuring Entity, to ensure that it is in force and effect for the whole duration of the contract delivery period and until a Certificate of Final Acceptance is duly issued.
16.1	<p>The inspection and test that will be conducted are:</p> <ol style="list-style-type: none"> 1. DepEd shall conduct a pre-delivery inspection(s) at supplier’s premises, ex. warehouse or place of assembly; 2. Complete Goods/Services shall be inspected and/or tested by the Procuring Entity or its authorized representatives at the time and date of deliveries to the project site(s). Goods/services delivered with defect/s or non-compliant with the required specifications shall be rejected by the Procuring Entity and replaced by the Supplier; and 3. The Procuring Entity shall have the option to inspect supplier’s premises covered by the contract to monitor and assess Supplier’s capacity to discharge its contractual obligations to the Procuring Entity. <p>To ensure compliance to the material specifications, DepEd may conduct a random material test during contract implementation. The PIU will randomly select the specimens and submit it to DOST. DepEd BLR will shoulder the cost of testing. If the test result is not compliant to the technical specifications, the affected goods will be rejected. The supplier is required to replace the rejected goods of the same brand and compliant to technical specifications. However, the material of the replacement goods shall be tested at the government testing facilities and the cost will be charged to the supplier.</p> <p>For quality assurance and for purposes of inspection and test, see the following attached documents:</p> <p>Annex “B” - Quality Assurance Procedures During Sample Evaluation</p> <p>Annex “C” - Inspection Protocol</p> <p>Annex “D” - Quality Assurance Procedures During Contract Implementation</p>
16.2	All inspection and test should be done in the Philippines only.

17.3	<p>A comprehensive and onsite warranty for the procurement items will be applied. The said warranty period shall reckon from the date of issuance of the Certification by the DepEd that the delivered goods have been duly inspected and accepted (i.e. final acceptance).</p> <p>The obligation for the warranty shall be covered by retention money in an amount equivalent to three percent (3%) from every progress payment or a special bank guarantee equivalent to three percent (3%) of the Contract Price.</p> <p>In case the supplier opts for retention money, the amount shall only be released after the lapse of the entire warranty period, unless during the remainder of the warranty period, the retention money is substituted with a special bank guarantee as prescribed above.</p>
17.4	<p>Upon receipt by the Supplier of the Procuring Entity’s notice of any claims arising under this warranty, the Supplier shall immediately act upon to repair or replace the defective Goods or parts thereof. The period for correction of defects in the warranty period is within seven (7) calendar days from receipt of such notice.</p> <p>For defects arising from within the first-half of the warranty period, as applicable, DepEd may opt to demand for recall and replacement of the defective items.</p> <p>On the other hand, defects arising from the onset until the expiry of the warranty period, DepEd may ask for repairs of the defective items.</p> <p>For Warranty Period, see attached Annex “F”</p>
19	<p>The Supplier shall be liable for the damages for the delay in its performance of the Contract and shall pay the DepEd liquidated damages, not by way of penalty, in an amount equal to one-tenth (1/10) of one percent (1%) of the cost of the delayed goods scheduled for delivery for every day of delay until such goods are finally delivered and accepted by the DepEd. DepEd shall deduct the liquidated damages from any money due or which may become due to the Supplier, or collect from any of the securities or warranties posted by the Supplier, whichever is convenient. Once the cumulative amount of liquidated damages reaches ten percent (10%) of the amount of the contract, DepEd may rescind the Contract, without prejudice to other causes of action and remedies open to it.</p>

21.1	<p>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 to the said test and/or inspection shall release the Supplier from any warranties or other obligations under this Contract</p> <p><i>In case of a joint venture:</i></p> <p>All partners to the joint venture shall be jointly and severally liable to the Procuring Entity.</p>
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Section VI. Schedule of Requirements

Section VI. Schedule of Requirements

A. Lists/Description of Goods/Services

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

Lot no.	Description	Total Quantity	Delivery Period
1	Aneroid Barometer Set (Demonstration Type)	2,882	Within <u>240</u> calendar days from the date of receipt of the Notice to Proceed or the date provided for such purpose indicated in the NTP.
	Aneroid Barometer Set (Wall Type)	2,882	
	Cork Stopper # 16 with 1 hole	14,410	
	Cork Stopper # 16 with 2 holes	14,410	
	Cork Stopper # 5 (for Ø 16mm test tube)	43,230	
	Dry Cell, 9 V	14,410	
	Dry Cell. 1.5 V, size D	57,640	
	Hand Lens, 10x magnification (Loupe 10x magnifier)	14,410	
	Hand Lens, at least 5x magnification (Minimum Lens Diameter: 50 mm)	14,410	
	Rubber Stopper # 0 (for Ø 16mm test tube)	43,230	
	Rubber Stopper # 6 with 1 hole	14,410	
	Rubber Stopper # 6 with 2 holes	43,230	
	Set of Connectors (# 18 copper, AWG stranded):		
	Black, 350mm long with alligator clip on one end and banana plug on the other end	43,230	
	Red, 350mm long with alligator clip on one end and banana plug on the other end	43,230	
	White, 350mm long with alligator clip on one end and banana plug on the other end	28,820	
	Blue, 350mm long with alligator clip on one end and banana plug on the other end.	28,820	
	Set of Tools:		
	Screwdriver, flat, 6", 1 pc/set	2,882	
	Screwdriver, Phillips, 6", 1 pc/set		
Long Nose Pliers, 6", 1 pair/set			
Mechanical Wire Cutter and Pliers, 6.5", 1 pair/set			
Soldering Iron, 60 watts, 1 pc/set			

	Ball Peen Hammer, handle length is 11", 350g approx. weight, 1 pc/set	
	Precision Screwdrivers Set, 6 pcs/set, with plastic casing, 1 set/set	
	Tweezers, stainless steel, with curved tips, 6.5" long, 1 pair/set	
	Soldering Lead, Ø1mm, Grade 60/40, Wt.: 1 lb/spool, 1 spool/set	
	Soldering Paste, 50 grams/can, 1 can/set	

2	Beaker, 100 ml, borosilicate	57,640	Within 240 calendar days from the date of receipt of the Notice to Proceed or the date provided for such purpose indicated in the NTP.
	Beaker, 1000 ml., borosilicate	14,410	
	Beaker, 250 ml., borosilicate	100,870	
	Beaker, 50 ml, borosilicate	28,820	
	Beaker, 500 ml, borosilicate	28,820	
	Graduated Cylinder, 10 ml. capacity	72,050	
	Graduated Cylinder, 100 ml. capacity	72,050	
	Reagent Bottle, narrow-mouth, amber glass (250 ml, capacity)	14,410	
	Reagent Bottle, wide-mouth, transparent glass (250 ml, capacity)	14,410	
	Vial, screw-neck, 25 ml. (with screw-type plastic cap)	57,640	
Vial, screw-neck, 50 ml. (with screw-type plastic cap)	115,280		

3	Balance, triple-beam	31,702	Within 240 calendar days from the date of receipt of the Notice to Proceed or the date provided for such purpose indicated in the NTP.
	Basic Lens Set, acrylic	14,410	
	Beaker Tong	14,410	
	Bunsen Burner, gas-type	2,882	
	Cork Borers	5,764	
	Cup Anemometer with Wind Vane, handheld, digital direct reading	5,764	
	DC Ammeter	14,410	
	DC Voltmeter	14,410	
	Desk Lamp, Heavy Base	14,410	
	Dissecting Set with pan	14,410	
	Dry Cell Holder, for single size D dry cell	57,640	
	Electrical Conductivity Apparatus	2,882	
	Electronic Pocket Scale, 120g capacity	14,410	

Filter Paper, ordinary, 600mm x 600mm sheet	259,380
Galvanometer	14,410
Hand Gloves, acid/solvent-resistant, super nitrile	74,932
Helical Spring	28,820
Hexagonal Weigh Dishes Set, 50mL, 500 pcs/pack	2,882
Laboratory Hot Plate	2,882
Landform Demonstration Kit	14,410
Laser Light, line laser type	14,410
Lens Paper, 50's/pack	28,820
LPG tank with Gas, 11 kg. capacity, with accessories	2,882
Magnetic Compass	14,410
Microscope Prepared Slide Set, 25's	2,882
Microscope, Compound, 4 Objectives	57,640
Miniature Light Bulb Holder Assembly	43,230
Mirror Set, acrylic	14,410
Optical Bench Set	14,410
Pair of Bar Magnets	5,764
pH Meter, range 0 to 14 Ph	2,882
Prism	14,410
Rain Gauge	14,410
Reaction Plates with 6 Wells	14,410
Resistance Board	14,410
Ring and Ball Apparatus	14,410
Rock Samples, 24 pcs/set, (minerals of 3 rock types)	2,882
Safety Goggles, polycarbonate	57,640
Sedimentator Tube	28,820
Sling Psychrometer	14,410
Slinky Coil, metal	28,820
Soil pH, Moisture, Sunlight Meter	14,410

	Soil Sieve	2,882	
	Stopwatch, digital	40,348	
	Surgical Gloves	2,882	
	Switch, knife-type	14,410	
	Tectonics Demonstrator Model (Demonstration Kit)	2,882	
	Telescope, Astronomical (Reflecting)	2,882	
	Test Tube Brush	43,230	
	Ticker Timer Set	14,410	
	Toploading Electronic Balance	2,882	
	Tornado Vortex Bottle Connector	57,640	
	Universal pH Paper, pH 0-14, 100 strips/pack	14,410	

4	Beam Balance, double platform, 2000-gram capacity	2,882	Within <u>240</u> calendar days from the date of receipt of the Notice to Proceed or the date provided for such purpose indicated in the NTP.
	Compass (for Student)	57,640	
	Geoboard, 11 x 11	14,410	
	Graphing board, 1.2m x 1m, green, movable	2,882	
	Graphing Calculator, non-projectable	2,882	
	Probability Kit	2,882	
	Protractor, (for Student)	57,640	
	Scientific Calculator	28,820	
	Utility Kitchen/Spring Scale	2,882	
	Weighing Scale	2,882	

5	Animal Cell Model	2,882	Within <u>240</u> calendar days from the date of receipt of the Notice to Proceed or the date provided for such purpose indicated in the NTP.
	Celestial Globe	2,882	
	Cross section Volcano Model	2,882	
	DNA Model	2,882	
	Earth Globe, ordinary	2,882	
	Geometrical model set, 2 types of cones	2,882	
	Geometrical model set, 2 types of cylinders	2,882	
	Geometrical model set, 3 types of prisms	2,882	

	Geometrical model set, 3 types of pyramids	2,882	
	Geometrical model set, Spheres	2,882	
	Model of Cone in a Cylinder	2,882	
	Model of Earth Internal Structure, 1/4 part detachable, Ø 12" minimum	2,882	
	Model of Pyramid in a Prism	2,882	
	Model of Sphere in a Cylinder	2,882	
	Model, Animal Meiosis	2,882	
	Model, Animal Mitosis	2,882	
	Model, Human Skeleton	2,882	
	Model, Human Torso	2,882	
	Motor-Generator Model Experiment Set	14,410	
	Plant Cell Model	2,882	
	Relief Globe	2,882	
	Seismograph Model	2,882	
	Solar System Model	2,882	
	Student Organic Chemistry Molecular Model Set	2,882	
	Sublevel Orbitals of the Atom Models (Quantum Models)	2,882	
	Sun Internal Structure Model, 1/4 part detachable, 32cm diameter	2,882	
	Sun-Earth-Moon Model	2,882	

6	Alcohol Burner, glass, 150 ml. Capacity	43,230	Within <u>240</u> calendar days from the date of receipt of the Notice to Proceed or the date provided for such purpose indicated in the NTP.
	Alcohol Thermometer, -20°C to 110°C	57,640	
	Electrolysis Apparatus, student-type	14,410	
	Erlenmeyer Flask, 250 ml., borosilicate	72,050	
	Evaporating Dish, 75 ml. capacity	72,050	
	Glass Funnel	43,230	
	Graduated Cup, 250 ml. capacity, plastic, transparent	14,410	
	Graduated Pipette, 10 ml., with rubber pipettor	14,410	
	Meterstick, plastic	28,820	
	Mortar and Pestle, porcelain	43,230	
	Petri Dish	43,230	
	Spatula, porcelain and glazed	14,410	
	Stirring Rod, Ø 6mm x 250mm long	57,640	
	Test Tube, Ø 16mm x 150mm long	259,380	

	Volumetric Flask, 250 mL	14,410	
	Wash Bottle, plastic, 250 ml.	57,640	
	Watch Glass	57,640	
	Glass Tubing, Ø 6mm x Ø 4mm x 1220mm long	14,410	
	Plastic Round Canister, 500 mL	14,410	
	Beral Pipette Dropper 1 mL capacity	100,870	

7	Copper Sulfate, CuSO ₄ , 100 grams / bottle	5,764	Within 240 calendar days from the date of receipt of the Notice to Proceed or the date provided for such purpose indicated in the NTP.
	Hydrochloric Acid, HCl, laboratory grade, 500ml / bottle	8,646	
	Hydrochloric Acid, HCl, technical grade, 500 ml / bottle	5,764	
	Magnesium Ribbon, 25 grams/roll (60 to 75 feet long)	5,764	
	Manganese Dioxide, 50 grams / bottle	5,764	
	Phenolphthalein Indicator, 100 grams / bottle	5,764	
	Potassium Chloride, 100 grams / bottle	5,764	
	Potassium Iodide, 100 grams / bottle	5,764	
	Sodium Hydroxide (Lye), 250 grams / bottle	5,764	
	Sulfur Powder, 100 grams / bottle	5,764	
	Sulfuric Acid, technical grade, 500 ml / bottle	5,764	
	Zinc Chloride, 100 grams / bottle	5,764	
	Baking Soda (NaHCO ₃), 200 grams/bottle	5,764	
	Boric Acid, 100 grams/bottle	5,764	

Section VII. 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).

The detailed specifications as indicated below are minimum parameters and a bidder may offer items equivalent to or superior than these specifications.

General Requirements/Specifications

Item No.	Specification	Statement of Compliance
1	Imported products should pass international quality control product standards and have international quality control product markings such as CE, ISO, ASTM, ASQC, AFCIQ, ASQ, DGQ, EOQC, IQA, and the likes, while locally made products (Philippine- made) should pass the local quality control product standards and bear the PS mark." made) should pass the local quality control product standards and bear the PS mark	
2		
3		
4		
5		
6		

Detailed Requirements/Specifications

LOT NO.	ITEM	SPECIFICATION	Bidder's Statement of Compliance	Bidder's Actual Offer
1	Aneroid Barometer Set (Demonstration Type)	<p>The item shall have the following specifications:</p> <ol style="list-style-type: none"> 1. The unit is supplied with rubber compression bulb with tube, changes in pressure can be demonstrated and obtained by compressing the rubber bulb. 2. Dual graduation: mmHg and mbar(hPa). 3. Range: 960 to 1060 mbar with mmHg equivalent 4. Dial Diameter: minimum of 100 mm 5. With English User's manual that includes the operation and reset procedure. 6. Must be branded. <p>* "Imported products should pass international quality control product standards and have international quality control product markings such as CE, ISO, ASTM, ASQC, AFCIQ, ASQ, DGQ, EOQC, IQA, and the likes, while locally made products (Philippine-made) should pass the local quality control product standards and bear the PS mark." made) should pass the local quality control product standards and bear the PS mark."</p>		
	Aneroid Barometer Set (Wall-Mount)	<p>The item shall have the following specifications:</p> <ol style="list-style-type: none"> 1. Range: 960 mbar to 1060 mbar 2. Dual graduation: mmHg and mbar(hPa) 3. Dial Diameter: 100 mm to 130 mm 4. Materials: plated bezel, scratch-free cover glass, and plastic base 5. Shock resistant, heat resistant 6. With English User's manual that includes the operation and reset procedure. 7. Must be branded. <p>* "Imported products should pass international quality control product standards and have international quality control product markings such as CE,</p>		

		ISO, ASTM, ASQC, AFCIQ, ASQ, DGQ, EOQC, IQA, and the likes, while locally made products (Philippine-made) should pass the local quality control product standards and bear the PS mark." made) should pass the local quality control product standards and bear the PS mark."		
	Cork Stopper # 16 with 1 hole	<p>The item shall have the following specifications:</p> <ol style="list-style-type: none"> 1. Cork Stopper # 16 with 1 hole for 250 ml. Erlenmeyer flask 2. H=38 mm; Top Ø=35 mm; BottomØ=28 mm; HoleØ=5mm 3. Extra Select Grade with fewer lenticels (crevices) 4. Dimension Tolerance: ± 0.5mm 5. Used to seal flasks and other glasswares, to prevent liquids and gases to escape, and to prevent leaks, hazards, and contamination. <p>* "Imported products should pass international quality control product standards and have international quality control product markings such as CE, ISO, ASTM, ASQC, AFCIQ, ASQ, DGQ, EOQC, IQA, and the likes, while locally made products (Philippine-made) should pass the local quality control product standards and bear the PS mark." made) should pass the local quality control product standards and bear the PS mark."</p>		
	Cork Stopper # 16 with 2 holes	<p>The item shall have the following specifications:</p> <ol style="list-style-type: none"> 1. Cork Stopper # 16 with 2 holes for 250 ml. Erlenmeyer flask 2. H=38 mm; Top Ø=35 mm; BottomØ=28 mm; HoleØ=5mm 3. Extra Select Grade with fewer lenticels (crevices) 4. Dimension Tolerance: ± 0.5mm 5. Used to seal flasks and other glasswares, to prevent liquids and gases to escape, and to prevent leaks, hazards, and contamination. <p>* "Imported products should pass international quality control product standards and have international quality control product markings such as CE, ISO, ASTM, ASQC, AFCIQ, ASQ, DGQ, EOQC, IQA, and the likes, while locally made products (Philippine-made) should pass the local quality</p>		

		control product standards and bear the PS mark." made) should pass the local quality control product standards and bear the PS mark."		
	Cork Stopper # 5 (for Ø 16mm test tube)	<p>The item shall have the following specifications:</p> <ol style="list-style-type: none"> 1. Cork Stopper # 5 for test tube with 16mm diameter 2. H=22 mm; Top Ø= 17 mm; Bottom Ø= 13 mm 3. Dimension Tolerance: ± 0.5 m 4. Extra Select Grade with fewer lenticels (crevices) 5. Used to seal test tubes to prevent liquids and gases to escape, and to prevent leaks, hazards, and contamination. <p>* "Imported products should pass international quality control product standards and have international quality control product markings such as CE, ISO, ASTM, ASQC, AFCIQ, ASQ, DGQ, EOQC, IQA, and the likes, while locally made products (Philippine-made) should pass the local quality control product standards and bear the PS mark." made) should pass the local quality control product standards and bear the PS mark."</p>		
	Dry Cell, 9 V	<p>Dry Cell 9-volt</p> <p>* "Imported products should pass international quality control product standards and have international quality control product markings such as CE, ISO, ASTM, ASQC, AFCIQ, ASQ, DGQ, EOQC, IQA, and the likes, while locally made products (Philippine-made) should pass the local quality control product standards and bear the PS mark." made) should pass the local quality control product standards and bear the PS mark."</p>		
	Dry Cell. 1.5 V, size D	<p>Dry Cell 1.5-volt, size D</p> <p>* "Imported products should pass international quality control product standards and have international quality control product markings such as CE, ISO, ASTM, ASQC, AFCIQ, ASQ, DGQ, EOQC, IQA, and the likes, while locally made products (Philippine-made) should pass the local quality control product standards and bear the</p>		

		PS mark." made) should pass the local quality control product standards and bear the PS mark."		
	Hand Lens, 10x magnification (Loupe 10x magnifier)	<p>The item shall have the following specifications:</p> <ol style="list-style-type: none"> 1. Enlarges in clear image of a focused tiny objects or parts in an object. 2. Loupe 10x magnifier 3. Glass lens/es, clear, bubble free; diameter: 20mm-25mm 4. Focal length = 2.0cm - 2.5cm 5. Foldable stainless steel body and cover 6. Individually packed in plastic box. 7. Must be branded <p>Operation: Note: The magnification will be referred on its focal length. It is by placing the magnifying lens between a distant object and screen (or wall), moving either the lens or screen until a sharp focused image of the distant object is attained, and such distance between the lens and focused image is the focal length which should not greater than 2.5 cm as already mentioned above.</p> <p>* "Imported products should pass international quality control product standards and have international quality control product markings such as CE, ISO, ASTM, ASQC, AFCIQ, ASQ, DGQ, EOQC, IQA, and the likes, while locally made products (Philippine-made) should pass the local quality control product standards and bear the PS mark." made) should pass the local quality control product standards and bear the PS mark."</p>		
	Hand Lens, at least 5x magnification (Minimum Lens Diameter: 50 mm)	<p>The item shall have the following specifications:</p> <ol style="list-style-type: none"> 1. Hand glass lens 2. 5x magnification power (shall have a focal length not greater than 60 mm 3. Lens diameter: 50 mm (\pm 1 mm) 4. Mounted in a metal frame with handle 5. Used to produce a magnified image of an object <p>* "Imported products should pass international quality control product standards and have international quality control product markings such as CE, ISO, ASTM, ASQC, AFCIQ, ASQ,</p>		

		DGQ, EOQC, IQA, and the likes, while locally made products (Philippine-made) should pass the local quality control product standards and bear the PS mark." made) should pass the local quality control product standards and bear the PS mark."		
	Rubber Stopper # 0 (for Ø 16mm test tube)	<p>The item shall have the following specifications:</p> <ol style="list-style-type: none"> 1. Rubber Stopper # 0 for test tube with 16mm diameter 2. H=25 mm; Top Ø=17 mm; Bottom Ø= 13 mm 3. Dimension tolerance on height, top and bottom diameter: ± 0.5mm 4. Hardness: 55-65 Duro 5. Used to seal test tubes to prevent liquids and gases to escape, and to prevent leaks, hazards, and contamination <p>* "Imported products should pass international quality control product standards and have international quality control product markings such as CE, ISO, ASTM, ASQC, AFCIQ, ASQ, DGQ, EOQC, IQA, and the likes, while locally made products (Philippine-made) should pass the local quality control product standards and bear the PS mark." made) should pass the local quality control product standards and bear the PS mark."</p>		
	Rubber Stopper # 6 with 1 hole	<p>The item shall have the following specifications:</p> <ol style="list-style-type: none"> 1. Rubber stopper # 6 with one hole for Erlenmeyer flask 2. H=25mm; Top Ø= 32mm; Bottom Ø= 26mm; Hole Ø: 5mm 3. Hardness: 55-65 Duro 4. Dimension tolerance on height, top and bottom diameter: ± 0.5mm 5. Used to seal flasks and other glasswares, to prevent liquids and gases to escape, and to prevent leaks, hazards, and contamination. <p>* "Imported products should pass international quality control product standards and have international quality control product markings such as CE, ISO, ASTM, ASQC, AFCIQ, ASQ, DGQ, EOQC, IQA, and the likes, while locally made products (Philippine-made) should pass the local quality control product standards and bear the</p>		

		PS mark." made) should pass the local quality control product standards and bear the PS mark."		
	Rubber Stopper # 6 with 2 holes	<p>The item shall have the following specifications:</p> <ol style="list-style-type: none"> 1. Rubber stopper # 6 with 2 holes for 250ml Erlenmeyer flask 2. H=25 mm; Top Ø= 32 mm; Bottom Ø= 26 mm; Hole Ø: 5 mm 3. Dimension tolerance on height, top and bottom diameter: $\pm 0.5\text{mm}$ 4. Hardness: 55-65 Duro 5. Used to seal flasks and other glasswares, to prevent liquids and gases to escape, and to prevent leaks, hazards, and contamination. <p>* "Imported products should pass international quality control product standards and have international quality control product markings such as CE, ISO, ASTM, ASQC, AFCIQ, ASQ, DGQ, EOQC, IQA, and the likes, while locally made products (Philippine-made) should pass the local quality control product standards and bear the PS mark." made) should pass the local quality control product standards and bear the PS mark."</p>		
	Set of Connectors (# 18 copper, AWG stranded):	SET OF CONNECTORS (# 18 copper, AWG stranded):		
	Black, 350mm long with alligator clip on one end and banana plug on the other end	# 18 copper, AWG stranded, 350 mm length minimum, with insulated brass alligator clip, 18 mm - 20 mm jaw length, on one end and 4 mm brass banana plug, on the other end; all black		
	Red, 350mm long with alligator clip on one end and banana plug on the other end	# 18 copper, AWG stranded, 350 mm length minimum, with insulated brass alligator clip, 18 mm - 20 mm jaw length, on one end and 4 mm brass banana plug, on the other end, all red		
	White, 350mm long with alligator clip on one end and banana plug on the other end	# 18 copper, AWG stranded, 350 mm length minimum, with insulated brass alligator clip, 18 mm - 20 mm jaw length, on one end and 4 mm brass banana plug, on the other end, all white		
	Blue, 350mm long with alligator clip on one end and banana plug on the other end.	# 18 copper, AWG stranded, 350 mm length minimum, with insulated brass alligator clip, 18 mm - 20 mm jaw length, on one end and 4 mm brass banana plug, on the other end, all blue		

		Note: All connections between wire and alligator clips/banana plugs should be properly soldered.		
	Set of Tools:	Consist of:		
	Screwdriver, flat, 6", 1 pc/set	1. Screwdriver flat, 3/16 inches tip width x 6 inches long, chrome vanadium material, 1 pc. /set;		
	Screwdriver, Phillips, 6", 1 pc/set	2. Screwdriver, Phillips, Point size blade #3 x 6" long, chrome vanadium material, 1 pc/set;		
	Long Nose Pliers, 6", 1 pair/set	3. Long Nose Pliers with side cutter, 6 inches long, chrome vanadium material, 1 pair/set;		
	Mechanical Wire Cutter and Pliers, 6.5", 1 pair/set	4. Mechanical-Wire Cutter and Pliers, 6 1/2 inches, chrome vanadium material, 1 pair/set;		
	Soldering Iron, 60 watts, 1 pc/set	5. Soldering Iron, 60 watts, small type, wooden handle, 1 pc. /set;		
	Ball Peen Hammer, handle length is 11", 350g approx. weight, 1 pc/set	6. Ball Peen Hammer, handle length 11 inches, 350 grams gross weight approx., 1 pc. /set;		
	Precision Screwdrivers Set, 6 pcs/set, with plastic casing, 1 set/set	7. Precision Screwdrivers Set, 6 pc. (3 phillips, 3 flats)/set, with plastic casing, 1 set/set		
	Tweezers, stainless steel, with curved tips, 6.5" long, 1 pair/set	8. Tweezers, stainless steel, with curved tips, 6 1/2 inches long, 1 pair/set;		
	Soldering Lead, Ø1mm, Grade 60/40, Wt.: 1 lb/spool, 1 spool/set	9. Consumables to be included in package: i) Soldering Lead, Ø 1 mm, Grade 60/40, weight: 1 lb./spool, 1 spool/set. ii) Soldering Paste, all purpose flux, non-corrosive, 50 grams/can, 1 can/set.		
	Soldering Paste, 50 grams/can, 1 can/set	10. Must be branded. * "Imported products should pass international quality control product standards and have international quality control product markings such as CE, ISO, ASTM, ASQC, AFCIQ, ASQ, DGQ, EOQC, IQA, and the likes, while locally made products (Philippine-made) should pass the local quality control product standards and bear the PS mark." made) should pass the local quality control product standards and bear the PS mark."		
2	Beaker, 100 ml, borosilicate	The item shall have the following specifications: 1. Borosilicate, clear and transparent bubble-free glass; 2. Thickness range: 1.5 mm to 2.0 mm; 3. Permanent white graduations, with white enamel marking spot;		

		<ol style="list-style-type: none"> 4. Features an easy-pour spout 5. Capacity: 100 mL \pm 5% enameled onto the glass; 6. Single graduated metric scale. Graduation starts at 20 mL in 10 mL increments. Graduation range: 20 mL to 80 mL; 7. Height Range: 70 mm to 72 mm; Outside diameter range: 50 mm to 52 mm; 8. Used as a container for stirring, mixing and heating liquids; 9. Must be Branded. <p>* "Imported products should pass international quality control product standards and have international quality control product markings such as CE, ISO, ASTM, ASQC, AFCIQ, ASQ, DGQ, EOQC, IQA, and the likes, while locally made products (Philippine-made) should pass the local quality control product standards and bear the PS mark." made) should pass the local quality control product standards and bear the PS mark."</p>		
	<p>Beaker, 1000 ml., borosilicate</p>	<p>The item shall have the following specifications:</p> <ol style="list-style-type: none"> 1. Borosilicate, transparent, bubble-free glass 2. Thickness range: 1.5 mm to 2.0 mm 3. Permanent white graduations, with white enamel marking spot 4. Features an easy-pour spout 5. Capacity: 1000 mL \pm 10% enameled onto the glass; 6. Single graduated metric scale Graduation starts at 100 mL in 50 mL increments 7. Height: 140mm to 160mm Outside Diameter: 100mm to 110mm 8. Used as a container for stirring, mixing and heating liquids 9. Must be branded. <p>* "Imported products should pass international quality control product standards and have international quality control product markings such as CE, ISO, ASTM, ASQC, AFCIQ, ASQ, DGQ, EOQC, IQA, and the likes, while locally made products (Philippine-made) should pass the local quality control product standards and bear the PS mark." made) should pass the local quality control product standards and bear the PS mark."</p>		

	<p>Beaker, 250 ml., borosilicate</p>	<p>The item shall have the following specifications:</p> <ol style="list-style-type: none"> 1. Borosilicate, transparent, bubble-free glass 2. Thickness: 1.5 mm to 2.0 mm 3. Permanent white graduations, with white enamel marking spot 4. Features an easy-pour spout 5. Capacity: 250 mL \pm5% enameled onto the glass; 6. Double graduated metric scale Marked to fill: Graduation starts at 25 mL in 25 mL increments Marked to empty: Graduation starts at 0 mL in 25 mL increments. 7. Height range: 90mm to 92mm O.D. Range: 68mm to 70mm 8. Graduation interval: 25 mL Graduation range: 25 mL to 200 mL 9. Must be branded. 10. Used as a container for stirring, mixing, and heating liquids. <p>* "Imported products should pass international quality control product standards and have international quality control product markings such as CE, ISO, ASTM, ASQC, AFCIQ, ASQ, DGQ, EOQC, IQA, and the likes, while locally made products (Philippine-made) should pass the local quality control product standards and bear the PS mark." made) should pass the local quality control product standards and bear the PS mark."</p>		
	<p>Beaker, 50 ml, borosilicate</p>	<p>The item shall have the following specifications.</p> <ol style="list-style-type: none"> 1. Borosilicate, transparent, bubble-free glass; 2. Thickness: 1.5 to 2.0 mm 3. Permanent white graduations, with white enamel marking spot; 4. Features a spout; 5. Capacity: 50 mL \pm 5% enameled onto the glass 6. Single graduated metric scale Graduation starts at 10 mL in 10 mL increments Graduation range: 10-40 mL; 7. Height Range: 55 to 57 mm; OD Range: 40 to 42mm; 8. To contain and mix solids and liquids up to 50 mL capacity. 9. For heating small amounts of substances up to more than 100°C; 10. Must have a brand. 		

		* "Imported products should pass international quality control product standards and have international quality control product markings such as CE, ISO, ASTM, ASQC, AFCIQ, ASQ, DGQ, EOQC, IQA, and the likes, while locally made products (Philippine-made) should pass the local quality control product standards and bear the PS mark." made) should pass the local quality control product standards and bear the PS mark."		
Beaker, 500 ml, borosilicate		<p>The item shall have the following specifications.</p> <ol style="list-style-type: none"> 1. Borosilicate, clear, transparent and bubble-free glass; 2. Thickness range: 1.5mm to 2.0mm; 3. Permanent white graduations and large white marking spot. 4. With easy pour spout. 5. Capacity: 500 mL; \pm 5% enameled onto the glass 6. Double graduated metric scale Marked to fill: Graduation starts at 50 mL in 50 mL increments Marked to empty: Graduation starts at 0 mL in 50 mL increments. Graduation range: 50- 450 mL 7. Height range: 136 -140 mm O.D. Range: 75 mm-80 mm; 8. To contain and mix solids and liquids and for heating substances up to more than 100°C 9. Must have a brand <p>* "Imported products should pass international quality control product standards and have international quality control product markings such as CE, ISO, ASTM, ASQC, AFCIQ, ASQ, DGQ, EOQC, IQA, and the likes, while locally made products (Philippine-made) should pass the local quality control product standards and bear the PS mark." made) should pass the local quality control product standards and bear the PS mark."</p>		
Graduated Cylinder, 10 ml. capacity		<p>The item shall have the following specification:</p> <ol style="list-style-type: none"> 1. Bubble-free, borosilicate, clear and transparent glass 2. O.D. range: 13 mm to 14 mm Height range: 177 mm to 178 mm 3. All markings are in permanent white enamel 4. With funnel top, with pour spout; 		

		<ol style="list-style-type: none"> 5. Single metric scale, calibrated to deliver (TD). With plastic bumper guard; 6. Glass hexagonal base (non-detachable) 7. Capacity: 10ml Tolerance: $\pm 0.20\text{mL}$ 8. Graduation range: 1mL to 10mL Graduation Interval: 0.1 mL 9. Measures the volume of liquids up to 10mL 10. Must be branded. <p>* "Imported products should pass international quality control product standards and have international quality control product markings such as CE, ISO, ASTM, ASQC, AFCIQ, ASQ, DGQ, EOQC, IQA, and the likes, while locally made products (Philippine-made) should pass the local quality control product standards and bear the PS mark." made) should pass the local quality control product standards and bear the PS mark."</p>		
	<p>Graduated Cylinder, 100 ml. capacity</p>	<p>The item shall have the following specifications:</p> <ol style="list-style-type: none"> 1. Bubble-free, borosilicate, clear and transparent glass 2. Outside Diameter: 29mm to 31mm Height: 254mm to 256mm 3. All markings are in permanent white enamel 4. With spout 5. Single graduated metric scale. Graduation interval: 1.0 mL, with plastic bumper guard 6. Ring marks at major graduations only; short line graduation for subgraduate markings should not be in full ring marking. 7. Glass hexagonal base (non-detachable) 8. Capacity: 100 mL Tolerance: ± 0.60 9. Graduation range: 5 mL to 100 mL Graduation Interval: 1 mL 10. Measures the volume of liquids 11. Must be branded. <p>* "Imported products should pass international quality control product standards and have international quality control product markings such as CE, ISO, ASTM, ASQC, AFCIQ, ASQ, DGQ, EOQC, IQA, and the likes, while locally made products (Philippine-made) should pass the local quality</p>		

		control product standards and bear the PS mark." made) should pass the local quality control product standards and bear the PS mark."		
	Reagent Bottle, narrow-mouth, amber glass (250 ml, capacity)	<p>The item shall have the following specifications.</p> <ol style="list-style-type: none"> 1. Clear and bubble-free amber glass; 2. Narrow mouth with ground-in plastic stopper; 3. 250 mL capacity; 4. Over-all height range: 134 mm to 142mm Bottle diameter range: 68 mm to 70mm Neck inside diameter range: 24 mm to 28mm 5. To contain/store prepared light sensitive solutions/substances 6. Must have a brand. <p>* "Imported products should pass international quality control product standards and have international quality control product markings such as CE, ISO, ASTM, ASQC, AFCIQ, ASQ, DGQ, EOQC, IQA, and the likes, while locally made products (Philippine-made) should pass the local quality control product standards and bear the PS mark." made) should pass the local quality control product standards and bear the PS mark."</p>		
	Reagent Bottle, wide-mouth, transparent glass (250 ml, capacity)	<p>The item shall have the following specifications.</p> <ol style="list-style-type: none"> 1. Clear and bubble-free transparent glass. 2. Wide-mouth with ground-in glass stopper 3. Air tight seal 4. 250 mL capacity Height range: 132 mm to 142mm Bottle diameter range: 69 mm to 73mm Mouth opening range: 40 mm to 44mm 5. To contain/store prepared solutions 6. Must be branded <p>* "Imported products should pass international quality control product standards and have international quality control product markings such as CE, ISO, ASTM, ASQC, AFCIQ, ASQ, DGQ, EOQC, IQA, and the likes, while locally made products (Philippine-made) should pass the local quality</p>		

		control product standards and bear the PS mark." made) should pass the local quality control product standards and bear the PS mark."		
Vial, screw-neck, 25 ml. (with screw-type plastic cap)	<p>The item shall have the following specifications.</p> <ol style="list-style-type: none"> 1. Screw neck vials with screw- type plastic cap; 2. Clear and bubble-free glass; 3. Capacity: 25 mL; 4. Outside diameter range: 26 mm to 30mm Length range: 70 mm to 76 mm 5. To hold/contain and mix liquids and solids up to 25 mL capacity; 6. Must be branded <p>* "Imported products should pass international quality control product standards and have international quality control product markings such as CE, ISO, ASTM, ASQC, AFCIQ, ASQ, DGQ, EOQC, IQA, and the likes, while locally made products (Philippine-made) should pass the local quality control product standards and bear the PS mark." made) should pass the local quality control product standards and bear the PS mark."</p>			
Vial, screw-neck, 50 ml. (with screw-type plastic cap)	<p>The item shall have the following specifications.</p> <ol style="list-style-type: none"> 1. Screw neck vials with screw-type plastic cap; 2. Clear and bubble-free glass; 3. Capacity: 50mL. 4. Outside diameter range: 26 mm to 30 mm Length range: 100 mm to 120 mm; 5. To hold/contain and mix liquids and solids up to 50 mL capacity 6. Must have a brand. <p>* "Imported products should pass international quality control product standards and have international quality control product markings such as CE, ISO, ASTM, ASQC, AFCIQ, ASQ, DGQ, EOQC, IQA, and the likes, while locally made products (Philippine-made) should pass the local quality control product standards and bear the PS mark." made) should pass the local quality control product standards and bear the PS mark."</p>			

3	Balance, triple-beam	<p>The item shall have the following specifications:</p> <ol style="list-style-type: none"> 1. For general laboratory use with lead counterweights 2. Rust-free single pan, triple beam, magnetically damped and with-spring, loaded zero-adjust compensator; 3. Balance is constructed on a cast metal base with corrosion-resistant finish. Main beam made of aluminum alloy, stainless steel weighing pan, with self-aligning agate bearings, precision ground steel knife edges and adjustment knob for taring. 4. Equipped with iron stand assembly as an accessory for fastening on the table and suspending the triple beam balance on air for specific gravity determination. 5. Capacity: 2610grams/0.1gram readability Weighing platform dimensions: 150 mm diameter Beam graduations: Rear beam: 100 g X 10 g Center beam: 500 g X 100 g Front beam: 10 g X 0.1 g 6. Equipped with three separate masses of 2pcs counter weights for 1,000 grams and 1-piece counter weights for 500 grams; 7. With English User's manual that contains operation guide and also indicates formula and procedure in determining specific gravity and taring. 8. For durability and sensitivity, parts should be able to withstand corrosive environment/solutions. 9. To measure masses of solids, liquids and gases; 10. Must be branded. <p>* "Imported products should pass international quality control product standards and have international quality control product markings such as CE, ISO, ASTM, ASQC, AFCIQ, ASQ, DGQ, EOQC, IQA, and the likes, while locally made products (Philippine-made) should pass the local quality control product standards and bear the PS mark." made) should pass the local</p>		
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		quality control product standards and bear the PS mark."		
	Basic Lens Set, acrylic	<p>The item shall have the following specifications:</p> <ol style="list-style-type: none"> 1. Set of 7 lenses, acrylic material, secured in compartmentalized storage box, with the following types and diameters: <ul style="list-style-type: none"> 1-double convex, 50 mm \pm2 mm 1-plano convex, 50 mm \pm2 mm 1-double concave, 50 mm \pm2 mm 1-plano concave, 50 mm \pm2 mm 1-convex-concave lens, 50 mm \pm2 mm 1-concave-convex lens, 50 mm \pm2 mm 1-double convex lens, 75 mm \pm2 mm 2. All lenses free from sharp edges; 3. Should be clear and no sign of cloudiness; 4. Should be able to project expected image/s of light source on screen; 5. Branded. <p>* "Imported products should pass international quality control product standards and have international quality control product markings such as CE, ISO, ASTM, ASQC, AFCIQ, ASQ, DGQ, EOQC, IQA, and the likes, while locally made products (Philippine-made) should pass the local quality control product standards and bear the PS mark." made) should pass the local quality control product standards and bear the PS mark."</p>		
	Beaker Tong	<p>The item shall have the following specifications.</p> <ol style="list-style-type: none"> 1. With plastic or rubber covered jaws 2. Made of 1/4 inch (6.35 mm) nickel-plated steel 3. Total length: 9.75 inches (247.65 mm \pm 1mm) 4. Holds beakers from 50mL to 1000 ml 5. Must be branded <p>* "Imported products should pass international quality control product standards and have international quality control product markings such as CE, ISO, ASTM, ASQC, AFCIQ, ASQ, DGQ, EOQC, IQA, and the likes, while locally made products (Philippine-made) should pass the local quality</p>		

		control product standards and bear the PS mark." made) should pass the local quality control product standards and bear the PS mark."		
	Bunsen Burner, gas-type	<p>The item shall have the following specifications:</p> <ol style="list-style-type: none"> 1. Aluminum burner tube: 11-13 mm diameter; 2. With stabilizer top and serrated inlet tube; 3. Over-all height: 152-155 mm; 4. With air regulator collar; 5. With threaded gas needle valve (located opposite to serrated inlet tube); 6. Nickel-plated zinc-alloy base; 7. Used for heating, sterilization, and combustion purposes. <p>* "Imported products should pass international quality control product standards and have international quality control product markings such as CE, ISO, ASTM, ASQC, AFCIQ, ASQ, DGQ, EOQC, IQA, and the likes, while locally made products (Philippine-made) should pass the local quality control product standards and bear the PS mark." made) should pass the local quality control product standards and bear the PS mark."</p>		
	Cork Borers	<p>The item shall have the following specifications:</p> <ol style="list-style-type: none"> 1. Nickel-plated steel borers with teeth and red plastic handle 2. Set of 6 of different sizes; one piece per size (4mm to 12.7mm) \pm 1 mm 3. Handles are individually and permanently numbered for easy identification 4. A steel ramrod/eject rod is included. 5. Boring a hole in a cork or rubber stopper to insert a glass tubing, thermometer or stirrer 6. Must be branded. <p>* "Imported products should pass international quality control product standards and have international quality control product markings such as CE, ISO, ASTM, ASQC, AFCIQ, ASQ, DGQ, EOQC, IQA, and the likes, while locally made products (Philippine-made) should pass the local quality control product standards and bear the PS mark." made) should pass the local</p>		

		quality control product standards and bear the PS mark."		
	Cup Anemometer with Wind Vane, handheld, digital direct reading	<p>The item shall have the following specifications.</p> <ol style="list-style-type: none"> 1. Wind speed is displayed in m/s 2. Wind direction is variable and these units record accurately from any direction 3. Body Color: Any Color 4. Measuring Range: 0-30m/s (Wind Speed) 5. Wind Speed Parameters: Current Wind Speed, Average Wind Speed, Current Wind Level Average Wind Level, Corresponding to Waves 6. Display Resolution: 0.1m/s (Wind Speed), 1(Wind Level), 0.1m(Waves) 7. Measuring Range: 0-360°, 16 Directions (Wind Direction) 8. Starting Wind Speed: 1.0m/s (Wind Direction) 9. Measuring Accuracy: $\pm 1/2$ (Wind Direction) 10. N point to the North 11. With English User's Manual that includes Operation Guide and Guide on Proper Handling and Storage. 12. Must be branded. <p>* "Imported products should pass international quality control product standards and have international quality control product markings such as CE, ISO, ASTM, ASQC, AFCIQ, ASQ, DGQ, EOQC, IQA, and the likes, while locally made products (Philippine-made) should pass the local quality control product standards and bear the PS mark." made) should pass the local quality control product standards and bear the PS mark."</p>		
	DC Ammeter	<p>The item shall have the following specifications:</p> <ol style="list-style-type: none"> 1. Analog, dual range selectable: <ul style="list-style-type: none"> -0.2 - 0 - +0.6A/0.02 read; -1.0 -0- +3.0A/0.1 read, $\pm 2.5\%$ full scale, analog 2. Dial plate dimensions: 95 mm width x 85 mm height, minimum; 3. Overall encasement dimensions minimum: 95 mm width x 130 mm 		

		<p>depth x 95 mm height encasement material: plastic, any color;</p> <ol style="list-style-type: none"> 4. Binding post terminals, threaded, can accommodate 4 mm banana plug, brass material, color coded plastic insulation (black for negative or common terminal, red for positive terminal); 5. External zero-adjust calibration; 6. With English User's Manual that includes operation guide; 7. Branded. <p>* "Imported products should pass international quality control product standards and have international quality control product markings such as CE, ISO, ASTM, ASQC, AFCIQ, ASQ, DGQ, EOQC, IQA, and the likes, while locally made products (Philippine-made) should pass the local quality control product standards and bear the PS mark." made) should pass the local quality control product standards and bear the PS mark."</p>		
	DC Voltmeter	<p>The item shall have the following specifications:</p> <ol style="list-style-type: none"> 1. Analog, dual range selectable: -1V -0- +3V/0.1 read; -5 -0- +15V/ 1.0 read, $\pm 2.5\%$ full scale, analog, 2. Dial plate dimensions: 95 mm width x 85 mm height, minimum; 3. Overall encasement dimensions minimum: 95 mm width x 130 mm depth x 95 mm height encasement material: plastic, any color; 4. Binding post terminals, threaded, can accommodate 4 mm banana plug, brass material, color coded plastic insulation (black for negative or common terminal, red for positive terminal) 5. External zero-adjust calibration; 6. With English User's Manual that includes operation guide; 7. Branded. <p>* "Imported products should pass international quality control product standards and have international quality control product markings such as CE, ISO, ASTM, ASQC, AFCIQ, ASQ, DGQ, EOQC, IQA, and the likes, while locally made products (Philippine-made) should pass the local quality control product standards and bear the PS mark." made) should pass the local</p>		

		quality control product standards and bear the PS mark."		
	Desk Lamp, Heavy Base	<p>The item shall have the following specifications:</p> <ol style="list-style-type: none"> 1. Heavy base, able to stand by itself 2. 35inches length minimum 3. Easily adjustable to direct the light wherever you need it the most 4. With On and Off Switch 5. Included with 60-100 Watts Yellow Light bulb 6. Preferable ungrounded plug (If the plug is grounded, an adapter should include in the item.) 7. With English User's Manual that includes Operation Guide 8. Must be branded <p>* "Imported products should pass international quality control product standards and have international quality control product markings such as CE, ISO, ASTM, ASQC, AFCIQ, ASQ, DGQ, EOQC, IQA, and the likes, while locally made products (Philippine-made) should pass the local quality control product standards and bear the PS mark." made) should pass the local quality control product standards and bear the PS mark."</p>		
	Dissecting Set with pan	<p>The set shall have the following item specifications:</p> <ol style="list-style-type: none"> 1. In a leatherette pouch or vinyl zippered case; 2. 10 pcs dissecting set that includes the following stainless steel instruments: <ul style="list-style-type: none"> • 1 piece surgical scissors, length 110mm (±1 mm); • 1 piece fine points scissors, length 110mm (±1 mm); • 1 piece fine points curved forceps, length 110mm (±1 mm); • 1 piece fine points straight tip forceps, length 110mm (±1 mm); • 1-piece tissue forceps or mosquito forceps, curved tip • 1-piece scalpel 4 cm blade • 1-piece scalpel handle • 1-piece teasing needle angular with chuck • 1-piece teasing needle straight with chuck • 1-piece mall probe and seeker 		

		<p>3. 1-piece stainless steel dissecting pan of 11inches x 7inches x 1 1/2inches;</p> <p>4. Must be Branded</p> <p>5. Used to perform a greater variety of dissections</p> <p>* "Imported products should pass international quality control product standards and have international quality control product markings such as CE, ISO, ASTM, ASQC, AFCIQ, ASQ, DGQ, EOQC, IQA, and the likes, while locally made products (Philippine-made) should pass the local quality control product standards and bear the PS mark." made) should pass the local quality control product standards and bear the PS mark."</p>		
	Dry Cell Holder, for single size D dry cell	<p>The item shall have the following specifications:</p> <ol style="list-style-type: none"> 1. Single Holder for size D dry cell, snap-on type; 2. With built-in nickel plated brass plate connectors; 3. Holders can be interconnected in series or parallel; 4. Plastic body, should be sturdy, thickness: 2 mm minimum; 5. Crack resistant when dropped from 1-meter height, mounted with dry cell; 6. Any color; 7. Branded. 		
	Electrical Conductivity Apparatus	<p>The item shall have the following specifications:</p> <ol style="list-style-type: none"> 1. Consists of a molded socket on a PVC cover, provided with two (2) binding posts for connection of two wire cords; 2. The cover is designed to fit a clear bubble free glass jar/container. 3. With two (2) electrodes internally connected to the lamp circuit Anode: Copper wire Cathode: Carbon rod Length of electrodes: 60 mm. 4. With a clear bubble free glass jar/container; Size dimensions of glass jar/container: 80mm x 80mm x 130mm Capacity of container: 200mL 5. With 10 pc Light bulb: miniature type, 2.5 volts to 3.0 volts/0.3 A 6. Power Supply: <ol style="list-style-type: none"> a) Input voltage: 220/240 V AC; Output voltage: With (0, 3, 6, 		

		<p>7.5, 9) volts DC with selector switch</p> <p>b) With 2 (size AA) batteries and with 2- chamber battery holder</p> <p>7. Comes with two connecting wires (1 red, 1 black); with alligator clips (1 red, 1 black) soldered on one end of the wire with banana plugs (1 red, 1 black) soldered on the other end of each wire</p> <p>a. Length: 12 “</p> <p>b. Gauge number: 20</p> <p>c. Type of wire: Stranded</p> <p>8. Comes complete with a padded storage box to help prevent glass breakage.;</p> <p>9. With operations manual, assembly guide, activity sheets in English</p> <p>10. With activity sheets in English</p> <p>11. To observe the increase and decrease in a liquid’s conductivity;</p> <p>12. Must have a brand.</p> <p>* "Imported products should pass international quality control product standards and have international quality control product markings such as CE, ISO, ASTM, ASQC, AFCIQ, ASQ, DGQ, EOQC, IQA, and the likes, while locally made products (Philippine-made) should pass the local quality control product standards and bear the PS mark." made) should pass the local quality control product standards and bear the PS mark."</p>		
	<p>Electronic Pocket Scale, 120g capacity</p>	<p>The item shall have the following specifications:</p> <p>1. High contrast LCD, stability indicator, overload and under load indicators, low battery indicator, auto shut-off;</p> <p>2. Able to read from the range of 0.01 grams to 120 grams</p> <p>3. With Power, Tare, Unit, and Pieces Button</p> <p>4. Included 2 Lithium Batteries</p> <p>5. With English User's Manual that includes the following:</p> <p>a. Operation Guide</p> <p>b. Guide on How to Replace the Battery</p> <p>c. Procedure on the proper use, handling and storage.</p> <p>6. Must be branded.</p> <p>* "Imported products should pass international quality control product</p>		

		standards and have international quality control product markings such as CE, ISO, ASTM, ASQC, AFCIQ, ASQ, DGQ, EOQC, IQA, and the likes, while locally made products (Philippine-made) should pass the local quality control product standards and bear the PS mark." made) should pass the local quality control product standards and bear the PS mark."		
	Filter Paper, ordinary, 600mm x 600mm sheet	<p>The item shall have the following specifications:</p> <ol style="list-style-type: none"> 1. Filter Paper sheet, ordinary, 600 mm x 600 mm 2. Student Grade Filter Paper (Grade 1) 3. Initial Filtration Speed: 150sec/100mL. 4. To filter/separate solids from liquids 5. Must be branded. <p>* "Imported products should pass international quality control product standards and have international quality control product markings such as CE, ISO, ASTM, ASQC, AFCIQ, ASQ, DGQ, EOQC, IQA, and the likes, while locally made products (Philippine-made) should pass the local quality control product standards and bear the PS mark." made) should pass the local quality control product standards and bear the PS mark."</p>		
	Galvanometer	<p>The item shall have the following specifications:</p> <ol style="list-style-type: none"> 1. Analog, general purpose galvanometer; 2. -500 to +500 μA full scale/10 μA read, full scale accuracy of $\pm 2.5\%$; 3. Dial plate dimensions: 95 mm width x 85 mm height, minimum; 4. Overall encasement dimensions minimum: 95 mm width x 130 mm depth x 95 mm height encasement material: plastic, any color; 5. Binding post terminals, threaded, can accommodate 4 mm banana plug, brass material, color coded plastic insulation (black for negative or common terminal, red for positive terminal); 6. External zero-adjust calibration; 7. With English User's Manual that includes operation guide; 8. Branded. 		

		<p>* "Imported products should pass international quality control product standards and have international quality control product markings such as CE, ISO, ASTM, ASQC, AFCIQ, ASQ, DGQ, EOQC, IQA, and the likes, while locally made products (Philippine-made) should pass the local quality control product standards and bear the PS mark." made) should pass the local quality control product standards and bear the PS mark."</p>		
	Hand Gloves, acid/solvent-resistant, super nitrile	<p>The item shall have the following specifications:</p> <ol style="list-style-type: none"> 1. Medium size or size 8 2. Super Nitrile, flock lined interior (acid/solvent resistant) 3. Individually packed 4. For hand protection 5. Must be branded. <p>* "Imported products should pass international quality control product standards and have international quality control product markings such as CE, ISO, ASTM, ASQC, AFCIQ, ASQ, DGQ, EOQC, IQA, and the likes, while locally made products (Philippine-made) should pass the local quality control product standards and bear the PS mark." made) should pass the local quality control product standards and bear the PS mark."</p>		
	Helical Spring	<p>The item shall have the following specifications:</p> <ol style="list-style-type: none"> 1. Wire material: Galvanized Spring Steel Wire. 2. Unstretched Length range: 1.82 meter to 1.84 meter; 3. Can be stretched to 3 times its length without deformation; 4. Coil Outside Diameter: 20 mm to 22mm; 5. Wire Diameter: 1.25 mm to 1.43mm; 6. Weight of Spring: 805 grams to 815 grams; 7. Number of turns per centimeter: 7 to 8; 8. With circular hooks (on both ends), hook diameter is 20 mm; 9. Comes in a carton or box made from cardboard. <p>* "Imported products should pass international quality control product standards and have international quality</p>		

		control product markings such as CE, ISO, ASTM, ASQC, AFCIQ, ASQ, DGQ, EOQC, IQA, and the likes, while locally made products (Philippine-made) should pass the local quality control product standards and bear the PS mark." made) should pass the local quality control product standards and bear the PS mark."		
	Hexagonal Weigh Dishes Set, 50mL, 500 pcs/pack	<p>The item shall have the following specifications:</p> <ol style="list-style-type: none"> 1. Made of hexagonal shapes plastic 2. Easily bent into pouring spouts to facilitate in sample transfers and reduce the risk of spills. 3. Ideal for handling solids or liquids during weighing procedures. 4. Flat bottoms and sloping sides allow these disposable dishes to be easily stacked and conveniently stored. 5. Must be branded. <p>* "Imported products should pass international quality control product standards and have international quality control product markings such as CE, ISO, ASTM, ASQC, AFCIQ, ASQ, DGQ, EOQC, IQA, and the likes, while locally made products (Philippine-made) should pass the local quality control product standards and bear the PS mark." made) should pass the local quality control product standards and bear the PS mark."</p>		
	Laboratory Hot Plate	<p>The item shall have the following specifications:</p> <ol style="list-style-type: none"> 1. Chemical resistant white ceramic flat surface top plate; 2. Maximum Operating Temp.: 380°C; 3. Top plate Dimensions: 180mm x 180mm (minimum); with digital display; 4. Control: Quick and easy adjustment knob; 5. Safety LEDs indicate when heating function has been activated; 6. Power: 220-240V AC, 50/60 Hz, 800W; 7. With built-in support rod mount, thumbscrew, accommodates rods up to 13mm in dia. 8. Aluminum casting body with powder coating. 9. Includes Operations manual in English. 		

		<p>10. For uniform heating of glasswares and its contents, solutions, and substances</p> <p>11. For sterilizing glasswares and other materials and for preparing chemicals used in scientific research</p> <p>12. Must be branded.</p> <p>* "Imported products should pass international quality control product standards and have international quality control product markings such as CE, ISO, ASTM, ASQC, AFCIQ, ASQ, DGQ, EOQC, IQA, and the likes, while locally made products (Philippine-made) should pass the local quality control product standards and bear the PS mark." made) should pass the local quality control product standards and bear the PS mark."</p>		
	<p>Landform Demonstration Kit</p>	<p>The item shall have the following specifications:</p> <p>These Kit composed of the following:</p> <ol style="list-style-type: none"> 1. Watertight demonstration tray 20.0inches x 4.25inches x 2.0inches (minimum) 2. Three pieces of flexible colored foam 3. Three pieces fault structures <ol style="list-style-type: none"> a. Made of 6 colored layer of rubber or plastic b. Dimension: 13inches x 4.75inches x 3.5inches Tolerance ± 1 c. can demonstrates normal, reverse and slide slip fault 4. Erupting 5.0inches x 5.0inches minimum volcano for demonstration 5. With English User's Manual that includes Guide on how to assemble and use the model. 6. For geological study 7. Must be branded. <p>* "Imported products should pass international quality control product standards and have international quality control product markings such as CE, ISO, ASTM, ASQC, AFCIQ, ASQ, DGQ, EOQC, IQA, and the likes, while locally made products (Philippine-made) should pass the local quality control product standards and bear the PS mark." made) should pass the local</p>		

		quality control product standards and bear the PS mark."		
	Laser Light, line laser type	<p>The item shall have the following specifications:</p> <ol style="list-style-type: none"> 1. Pen type laser, red output 2. Powered by, 2-1.5volts size AAA dry cells 3. With ON-OFF switch 4. Body dimensions: 12 mm diameter x 135 mm (minimum) 5. Function: Should be able to project clearly a laser spot to a distance of 5 meters minimum <p>* "Imported products should pass international quality control product standards and have international quality control product markings such as CE, ISO, ASTM, ASQC, AFCIQ, ASQ, DGQ, EOQC, IQA, and the likes, while locally made products (Philippine-made) should pass the local quality control product standards and bear the PS mark." made) should pass the local quality control product standards and bear the PS mark."</p>		
	Lens Paper, 50's/pack	<p>The item shall have the following specifications:</p> <ol style="list-style-type: none"> 1. Measures 4inches x 6inches (101.6mm ± 1mm x 152.4mm ± 1mm); 2. Fine, soft, silk-like paper; 50 sheets/pack; 3. Never scratches objectives and glass lenses; 4. For cleaning microscope slides, microscope objectives and other lenses; 5. Must be branded. <p>* "Imported products should pass international quality control product standards and have international quality control product markings such as CE, ISO, ASTM, ASQC, AFCIQ, ASQ, DGQ, EOQC, IQA, and the likes, while locally made products (Philippine-made) should pass the local quality control product standards and bear the PS mark." made) should pass the local quality control product standards and bear the PS mark."</p>		
	LPG tank with Gas, 11 kg. capacity, with accessories	<p>The item shall have the following specification:</p> <ol style="list-style-type: none"> 1. Steel made cylinder; 11kg capacity; 		

		<ol style="list-style-type: none"> 2. In good condition (rust-free, with no dents, and newly painted) 3. With tank regulator securely connected to the cylinder valve and which fits perfectly the heavy duty 1/4 " steel wire reinforced LPG rubber hose = 1.5 m long; 4. With control valve regulator which screws into directly with brass barb to attach the gas line onto the LPG tank. Protruding from the side is a 1/4" serrated brass barb to attach the gas line, which has a high-medium-low range, with gas pressure gauge, With safety pin, automatic shut-off safety feature, and built-in Excess Flow safety device 5. With 2 pc stainless steel hose clamp set to attach the heavy duty steel wire reinforced LPG rubber hose to tank regulator and Bunsen burner 6. Gas regulator connection must be compatible with the gas tank 7. Supplies fuel to the Bunsen burner; 8. Must have a BRAND. <p>* "Imported products should pass international quality control product standards and have international quality control product markings such as CE, ISO, ASTM, ASQC, AFCIQ, ASQ, DGQ, EOQC, IQA, and the likes, while locally made products (Philippine-made) should pass the local quality control product standards and bear the PS mark." made) should pass the local quality control product standards and bear the PS mark."</p>		
	<p>Magnetic Compass</p>	<p>The item shall have the following specifications:</p> <ol style="list-style-type: none"> 1. Outside Diameter: 48 mm to 52 mm 2. Needle mounted in an Aluminum case with clear, scratch-free plastic or glass face 3. Graduated dial marked in cardinal points (North, South, West, East, Northwest, Northeast, Southwest, and Southeast). 4. Must be branded. <p>* "Imported products should pass international quality control product standards and have international quality control product markings such as CE, ISO, ASTM, ASQC, AFCIQ, ASQ, DGQ, EOQC, IQA, and the likes, while locally made products (Philippine-made) should pass the local quality</p>		

		control product standards and bear the PS mark." made) should pass the local quality control product standards and bear the PS mark."		
	Microscope Prepared Slide Set, 25's	<p>The item shall have the following specifications.</p> <ol style="list-style-type: none"> 1. Set of 25 pieces slides; 2. Individually sealed and protected by a cover slip/glass cover; 3. Colorful slides of the following: insects (4); plants (7); animals/microbes (7); Human tissues (7) <p>Either of the following insects: wing of housefly, mosquito larvae, <i>Drosophila melanogaster</i>, housefly head, aphids.</p> <p>Either of the following plants: <i>volvox</i>, stem of monocotyledon c.s, stem of dicotyledon c.s., monocot leaf epidermis, dicot leaf epidermis, germinated pollen, hydrilla leaf w.m.</p> <p>Either of the following animals/microbes: hydra budding, euglena, diatoms, daphnia w.m., <i>Amoeba proteus</i>, paramecium w.m., planaria w.m., planaria c.s., ascaris mitosis, vorticella, lancelet w.m. <i>Escherichia coli</i>, <i>Staphylococcus aureus</i>, <i>Lactobacillus spp.</i></p> <p>Either of the following human tissues: skeletal muscle c.s., small intestine c.s., human white blood cell, cardiac muscle; motor neurons cell w.m., spinal cord c.s., lung section, liver section, nerve cell w.m., meiosis of human sex cells, stomach villi</p> <ol style="list-style-type: none"> 4. Writing the Scientific Name should be properly observed. 5. Individually labeled for specimen identification 6. Slides are packed in a fitted wooden box that contains interior padding to prevent breakage 7. Clear, with no finger-smudged slide 8. Should include English instructions on how to clean, store and handle the slide. <p>* "Imported products should pass international quality control product standards and have international quality</p>		

		control product markings such as CE, ISO, ASTM, ASQC, AFCIQ, ASQ, DGQ, EOQC, IQA, and the likes, while locally made products (Philippine-made) should pass the local quality control product standards and bear the PS mark." made) should pass the local quality control product standards and bear the PS mark."		
	Microscope, Compound, 4 Objectives	<p>The item shall have the following specifications:</p> <ol style="list-style-type: none"> 1. Eyepiece: Glass lens, locked-in wide field, 10X with pointer, and with own separate plastic storage case includes an extra 15X eyepiece; 2. Nosepiece: Quadruple with accurate centering and click stops; easy to turn; 3. Objectives : Glass lens, achromatic objectives are parfocal, parcentered, colorcoded, 4X,10X, retractable 40X, and 100X (oil immersion) with own separate plastic storage case ; 4. Stage: Built in flat, firmly fixed graduated mechanical stage clips and knobs; 120 mm x 120 mm (± 10mm) for easy and smooth scan of specimen slide; glass slides should not be displaced when mounted; 5. Condenser: N.A. 1.25 with iris diaphragm; 6. Focus: Dual coarse controls with slip clutch and adjustable tension ring; dual lever type fine focus controls; adjustable safety stop; Gives sharp, clear, well-lighted images; 7. Mirror: 50mm (± 1mm), 2 sided, plane-concave; 8. With wooden storage case; and immersion oil provided; 9. With English User's manual that includes the following: diagram of correct microscope parts with correct spelling of the different parts (eyepiece, tube, coarse focusing knob, fine focusing knob, limit stop screw, nosepiece, objective(s), stage, mirror, Abbe condenser, iris diaphragm, stage clips/movable specimen holder, arm, base - depending on the model submitted); function of each of the parts, operation guide, precaution and cleaning instructions and troubleshooting guide; 10. Must be branded; 11. To view microscopic sample/specimen not visible to naked eye; 		

		<p>12. Comes with training on the use, care, maintenance and storage</p> <p>* "Imported products should pass international quality control product standards and have international quality control product markings such as CE, ISO, ASTM, ASQC, AFCIQ, ASQ, DGQ, EOQC, IQA, and the likes, while locally made products (Philippine-made) should pass the local quality control product standards and bear the PS mark." made) should pass the local quality control product standards and bear the PS mark."</p>		
Miniature Light Bulb Holder Assembly		<p>The item shall have the following specifications:</p> <ol style="list-style-type: none"> 1. Socket to match the miniature incandescent light bulb, socket in plastic housing; 2. Socket housing is mounted on black, plastic base: Base dimensions minimum : 12 mm x 60 mm x 95 mm, material thickness: 2 mm minimum 3. Binding post terminals, threaded, can accommodate 4 mm banana plug, brass material, with yellow plastic insulation; 4. Connecting wires properly soldered to eyelet of binding posts; 5. Branded <p>* "Imported products should pass international quality control product standards and have international quality control product markings such as CE, ISO, ASTM, ASQC, AFCIQ, ASQ, DGQ, EOQC, IQA, and the likes, while locally made products (Philippine-made) should pass the local quality control product standards and bear the PS mark." made) should pass the local quality control product standards and bear the PS mark."</p>		
Mirror Set, acrylic		<p>The item shall have the following specifications:</p> <ol style="list-style-type: none"> 1. Set of 3 spherical mirrors, acrylic, secured in compartmentalized storage box with the following types and diameters: 1-plane mirror, 50 mm ±2 mm 1-concave mirror, 50 mm ±2 mm 1-convex mirror, 50 mm ±2 mm 2. All mirrors free from sharp edges; 		

		<p>3. Should be clear and no sign of cloudiness</p> <p>4. Should be able to reflect expected image/s of light source on screen;</p> <p>5. Branded.</p> <p>* "Imported products should pass international quality control product standards and have international quality control product markings such as CE, ISO, ASTM, ASQC, AFCIQ, ASQ, DGQ, EOQC, IQA, and the likes, while locally made products (Philippine-made) should pass the local quality control product standards and bear the PS mark." made) should pass the local quality control product standards and bear the PS mark."</p>		
	<p>Optical Bench Set</p>	<p>The item shall include the following specifications:</p> <ol style="list-style-type: none"> 1. This Complete Set includes: <ul style="list-style-type: none"> • 1-meterstick, with centimeter and millimeter graduations • 1-lens support for 50 mm lens, should be stable when mounted on meterstick, smooth sliding • 1-lens support for 75 mm lens, should be stable when mounted on meterstick, smooth sliding • 1- screen support, should be stable when mounted on meterstick, smooth sliding • 5-white board screens (10 cm x 12.5 cm, approx.) • 2-metal supports for meter stick, should be stable, meterstick should not tip off • 1-candle holder, should be stable when mounted on meterstick, smooth sliding • 1-paraffin candle 2. Stand supports for meter stick, holders for lenses, mirrors, screens, and candle should be placed inside one compartmentalized casing; 3. Branded; 4. With English User's Manual that includes operation guide. <p>* "Imported products should pass international quality control product standards and have international quality control product markings such as CE, ISO, ASTM, ASQC, AFCIQ, ASQ,</p>		

		DGQ, EOQC, IQA, and the likes, while locally made products (Philippine-made) should pass the local quality control product standards and bear the PS mark." made) should pass the local quality control product standards and bear the PS mark."		
	Pair of Bar Magnets	<p>The item shall have the following specifications:</p> <ol style="list-style-type: none"> 1. Rectangular Permanent Magnet with an attractive force that can carry a load twice its weight. 2. Minimum Size: 145 mm x 10 mm x 5 mm 3. Comes in pair 4. Marked polarity; the North poles are painted blue. <p>* "Imported products should pass international quality control product standards and have international quality control product markings such as CE, ISO, ASTM, ASQC, AFCIQ, ASQ, DGQ, EOQC, IQA, and the likes, while locally made products (Philippine-made) should pass the local quality control product standards and bear the PS mark." made) should pass the local quality control product standards and bear the PS mark."</p>		
	pH Meter, range 0 to 14 pH	<p>The item shall have the following specifications:</p> <ol style="list-style-type: none"> 1. Portable digital pen type; with retractable electrode; waterproof; 2. pH range: 0 to 14; with automatic temperature compensation; 3. With one bottle of pH 7.0 buffer solution; 4. Features a bold LCD display of pH; 5. Supplied with protective cap, calibration screwdriver, hard carry case and 9V battery; 6. Instruction and lab manual included, in English. 7. Measures the pH of a substance or solution indicating its acidity or alkalinity; 8. Must have a BRAND. <p>* "Imported products should pass international quality control product standards and have international quality control product markings such as CE, ISO, ASTM, ASQC, AFCIQ, ASQ, DGQ, EOQC, IQA, and the likes, while locally made products (Philippine-made) should pass the local quality</p>		

		control product standards and bear the PS mark." made) should pass the local quality control product standards and bear the PS mark."		
	Prism	<p>The item shall have the following specifications:</p> <ol style="list-style-type: none"> 1. Right angle prism, acrylic, with the following minimum dimension: <ul style="list-style-type: none"> thickness: 12 mm minimum base = 40 mm minimum height = 65 mm minimum 2. Secured in storage casing; 3. Free from sharp edges, free from pointed corners; 4. Should be clear and no sign of cloudiness; 5. Branded. <p>* "Imported products should pass international quality control product standards and have international quality control product markings such as CE, ISO, ASTM, ASQC, AFCIQ, ASQ, DGQ, EOQC, IQA, and the likes, while locally made products (Philippine-made) should pass the local quality control product standards and bear the PS mark." made) should pass the local quality control product standards and bear the PS mark."</p>		
	Rain Gauge	<p>The item shall have the following specifications.</p> <ol style="list-style-type: none"> 1. Made of clear and transparent plastic. 2. Inner tube scale measures 23 mm -26 mm for accuracy with large outer cylinder, total capacity range: 280 mm -285mm. 3. Permanently marked with easy to read graduated dual scale in Metric and English units or single scale in Metric units. 4. Removable inside funnel and measuring tube 5. Rainfall exceeding range 23mm -26 mm flows into outer cylinder (located on the top of the removable funnel) 6. Open access for easy cleaning. 7. Readily be mounted on post, bracket is made of plastic. 8. Must be branded. <p>* "Imported products should pass international quality control product</p>		

		standards and have international quality control product markings such as CE, ISO, ASTM, ASQC, AFCIQ, ASQ, DGQ, EOQC, IQA, and the likes, while locally made products (Philippine-made) should pass the local quality control product standards and bear the PS mark." made) should pass the local quality control product standards and bear the PS mark."		
	Reaction Plates with 6 Wells	<p>The item shall have the following specifications:</p> <ol style="list-style-type: none"> 1. Made of clear plastic 2. Plate Shape: Rectangular 3. Plate Length: 110 mm-120mm 4. Plate Width: 85 mm -100mm 5. Six Well per Plate 6. Well Shape: Circular/ Round 7. Well diameter: 30 mm -35 mm 8. Well deep: 6mm-8mm 9. Well capacity: 1.6 mL -2.0mL 10. Used for soil and water testing 11. Must be branded. <p>* "Imported products should pass international quality control product standards and have international quality control product markings such as CE, ISO, ASTM, ASQC, AFCIQ, ASQ, DGQ, EOQC, IQA, and the likes, while locally made products (Philippine-made) should pass the local quality control product standards and bear the PS mark." made) should pass the local quality control product standards and bear the PS mark."</p>		
	Resistance Board	<p>The item shall have the following specifications:</p> <ol style="list-style-type: none"> 1. Board: dimensions-height: 30mm, width: 120 mm length: 650 mm minimum, material plastic, channel type, thickness of material: 1/8 inches minimum free of warpage and other imperfection like flushes etc; 2. Board is mounted with the following wires: Nichrome wires of 2 different diameters: 0.25 mm and 0.5 mm, length: 600 mm 1 - Stainless steel wire diameter: 0.5 mm, length: 600 mm 1 - Copper wire diameter: 0.5 mm, length: 600 mm 3. Board should be marked by decimeter graduations that only span along entire wires' length; 		

		<p>4. All wires should be rigidly fastened to the terminal posts, stainless steel;</p> <p>5. Must be Branded.</p> <p>* "Imported products should pass international quality control product standards and have international quality control product markings such as CE, ISO, ASTM, ASQC, AFCIQ, ASQ, DGQ, EOQC, IQA, and the likes, while locally made products (Philippine-made) should pass the local quality control product standards and bear the PS mark." made) should pass the local quality control product standards and bear the PS mark."</p>		
	Ring and Ball Apparatus	<p>The item shall have the following specifications:</p> <ol style="list-style-type: none"> 1. The ring and ball set demonstrates thermal expansion. 2. Comprising of a captive brass ball secured to a mounted brass ring by a chain. 3. Diameter of Ball: 25.00mm +/- 0.01mm, smooth surface 4. Inside Diameter of Ring: 25.04mm +/- 0.01m, smooth surface 5. Outside Diameter of Ring: minimum of 38mm 6. Thickness of Ring: 6 mm minimum 7. Diameter of Brass Stem: 5mm 8. Handle of brass ring made of wood. 9. Chain is made of stainless steel with a 3-turn stainless wire ring to keep the ball in the chain specially during heating. 10. Must be branded <p>* "Imported products should pass international quality control product standards and have international quality control product markings such as CE, ISO, ASTM, ASQC, AFCIQ, ASQ, DGQ, EOQC, IQA, and the likes, while locally made products (Philippine-made) should pass the local quality control product standards and bear the PS mark." made) should pass the local quality control product standards and bear the PS mark."</p>		
	Rock Samples, 24 pcs/set, (minerals of 3 rock types)	<p>The item shall have the following specifications:</p> <ol style="list-style-type: none"> 1. Samples/references for in identifying and classifying rocks. 2. Boxed mineral and rock collection. Should have at least 24 samples comprising minerals: 8 types 		

		<p>igneous, 8 types sedimentary, and 8 types metamorphic rocks.</p> <ol style="list-style-type: none"> 3. Rock size: 8 cm³ -20cm³ (8 mL - 20mL by water displacement) 4. Samples are individually bagged in appropriate size transparent plastic and numbered and correspond to the description in the lid of the box. Each rock name should be accompanied with rock type, Example: "Basalt" (igneous) 5. The box is made of sturdy plastic, compartmentalized for each sample. <p>* "Imported products should pass international quality control product standards and have international quality control product markings such as CE, ISO, ASTM, ASQC, AFCIQ, ASQ, DGQ, EOQC, IQA, and the likes, while locally made products (Philippine-made) should pass the local quality control product standards and bear the PS mark." made) should pass the local quality control product standards and bear the PS mark."</p>		
	Safety Goggles, polycarbonate	<p>The item shall have the following specifications.</p> <ol style="list-style-type: none"> 1. Polycarbonate goggle lens with 180° panoramic view 2. Firm comfortable seal around forehead, cheeks, nose and temples protects against chemicals, dust and grindings 3. Medium strap slotted to prevent slippage and holds the goggle more securely and safely. 4. Shall bear mark Z87+ to indicate an impact protector type (ANSI Z87.1, EN 166 or CSA Z94.3 certification compliance) 5. For eye protection <p>* "Imported products should pass international quality control product standards and have international quality control product markings such as CE, ISO, ASTM, ASQC, AFCIQ, ASQ, DGQ, EOQC, IQA, and the likes, while locally made products (Philippine-made) should pass the local quality control product standards and bear the PS mark." made) should pass the local quality control product standards and bear the PS mark."</p>		
	Sedimentator Tube	<p>The item shall have the following specifications.</p>		

		<ol style="list-style-type: none"> 1. 11 inches -12 inches height with a diameter of 1 inch minimum 2. Sealed and leak free 3. The body made of clear, transparent plastic tube. 4. With different sediment and water 5. Functions: <ol style="list-style-type: none"> a. Use for observing movement, deposition, and layering of sediments and organic materials. b. Observations apply to sedimentary rock formation and fossil formation 6. With English User's Manual that includes <ol style="list-style-type: none"> a. operation guide. b. Guide on how to use c. Student Activity Sheets 7. Must be branded <p>* "Imported products should pass international quality control product standards and have international quality control product markings such as CE, ISO, ASTM, ASQC, AFCIQ, ASQ, DGQ, EOQC, IQA, and the likes, while locally made products (Philippine-made) should pass the local quality control product standards and bear the PS mark." made) should pass the local quality control product standards and bear the PS mark."</p>		
	<p>Sling Psychrometer</p>	<p>The item shall have the following specifications.</p> <ol style="list-style-type: none"> 1. Composed of two red spirit thermometer in Celsius with temperature ranges: -5°C to +50 °C 2. Equipment Size: (7 -8 inches long x 1-2 inches diameter) 3. Built -in Psychrometer Water Reservoir 4. Includes a wick for Wet Bulb 5. Wick Replacement Kit- containing 4 wicks 6. Build in Slide rule construction for quick conversion temperature reading to relative humidity 7. Includes additional two thermometers for replacement with individual plastic or hardboard case 8. Easy to rotate to determine the relative humidity. 9. With English User's Manual that includes: <ol style="list-style-type: none"> a. Operation Guide b. Maintenance 		

		<p>10. Must be branded</p> <p>* "Imported products should pass international quality control product standards and have international quality control product markings such as CE, ISO, ASTM, ASQC, AFCIQ, ASQ, DGQ, EOQC, IQA, and the likes, while locally made products (Philippine-made) should pass the local quality control product standards and bear the PS mark." made) should pass the local quality control product standards and bear the PS mark."</p>		
	Slinky Coil, metal	<p>The item shall have the following specifications.</p> <ol style="list-style-type: none"> 1. 3inches diameter x 4 inches long minimum 2. zinc or nickel plated <p>* "Imported products should pass international quality control product standards and have international quality control product markings such as CE, ISO, ASTM, ASQC, AFCIQ, ASQ, DGQ, EOQC, IQA, and the likes, while locally made products (Philippine-made) should pass the local quality control product standards and bear the PS mark." made) should pass the local quality control product standards and bear the PS mark."</p>		
	Soil pH, Moisture, Sunlight Meter	<p>The item shall have the following specifications.</p> <ol style="list-style-type: none"> 1. Used to measure the Soil Moisture, pH and illumination distribution of soil. 2. Compose of two electrodes, 7 inches -10 inches 3. pH/ Moisture/ Sunlight Switch 4. pH Range: 3.5 - 8 pH (3.5-6.5 Acidic, 7-8 Alkaline) 5. Moisture Range: 1-10 (1-3 Dry; 4-6 Normal; and 7-10 Wet) 6. Light Range: 0 - 2000 lux (0-200 Low, 200-500 Low+, 500-1000 Normal, and 1000-2000 High) 7. With English User's Manual that includes Operation Guide <ol style="list-style-type: none"> a. Operation Guide b. Procedure on the proper use, handling and storage. 		

		<p>c. Student Activity in using the item.</p> <p>8. Must be branded.</p> <p>* "Imported products should pass international quality control product standards and have international quality control product markings such as CE, ISO, ASTM, ASQC, AFCIQ, ASQ, DGQ, EOQC, IQA, and the likes, while locally made products (Philippine-made) should pass the local quality control product standards and bear the PS mark." made) should pass the local quality control product standards and bear the PS mark."</p>		
	Soil Sieve	<p>The item shall have the following specifications:</p> <ol style="list-style-type: none"> 1. Diameter range: 8 inches - 10 inches 2. Mesh sizes: 5 Mesh, 10 mesh, 35 Mesh, 60 mesh, 120 mesh, and 230 mesh 3. Made of stainless steel metal 4. Set of Six Sieves 5. Includes lid and catch pan 6. Must be branded <p>* "Imported products should pass international quality control product standards and have international quality control product markings such as CE, ISO, ASTM, ASQC, AFCIQ, ASQ, DGQ, EOQC, IQA, and the likes, while locally made products (Philippine-made) should pass the local quality control product standards and bear the PS mark." made) should pass the local quality control product standards and bear the PS mark."</p>		
	Stopwatch, digital	<p>The item shall have the following specifications:</p> <ol style="list-style-type: none"> 1. Digital type, water-resistant 2. Start, stop, and re-set operations 3. Display Number size: 4mm W x 10mm H 4. Measure Unit: 1/100th of a second 5. Working Range: up to 23hr 59min 59sec 6. Comes with dry cell and ready for use. 7. Individually and properly packed in a box. 8. With English User's Manual that includes Operational Guide and Replacement battery. 		

	<p>9. W x H x T: 60mm x 67mm x 20mm minimum</p> <p>10. Must be branded.</p> <p>* "Imported products should pass international quality control product standards and have international quality control product markings such as CE, ISO, ASTM, ASQC, AFCIQ, ASQ, DGQ, EOQC, IQA, and the likes, while locally made products (Philippine-made) should pass the local quality control product standards and bear the PS mark." made) should pass the local quality control product standards and bear the PS mark."</p>		
Surgical Gloves	<p>The item shall have the following specifications:</p> <ol style="list-style-type: none"> 1. Sterile latex surgical gloves for single use 2. Medium size or size 8 3. Individually packed pair of gloves 4. 100 pcs/box 5. High strength and elasticity, tear-free cuff 6. For hand protection 7. Must be branded. <p>* "Imported products should pass international quality control product standards and have international quality control product markings such as CE, ISO, ASTM, ASQC, AFCIQ, ASQ, DGQ, EOQC, IQA, and the likes, while locally made products (Philippine-made) should pass the local quality control product standards and bear the PS mark." made) should pass the local quality control product standards and bear the PS mark."</p>		
Switch, knife-type	<p>The item shall have the following specifications:</p> <ol style="list-style-type: none"> 1. Single pole Single Throw Knife type switch Knife dimensions minimum: 0.8 mm x 8 mm x 55 mm, nickel plated brass Plastic handle dimensions minimum: 9 mm x 9 mm x 23 mm 2. Contact plates for knife dimensions minimum: 8 mm x 20 mm, nickel plated brass, thickness of material 0.5 mm minimum 3. Knife switch-contact plates assembly mounted on black plastic base: 12 		

		<p>mm x 60 mm x 95 mm minimum, thickness of base: 2 mm minimum,</p> <ol style="list-style-type: none"> 4. Binding post terminals, threaded, can accommodate 4 mm banana plug, brass material, with yellow plastic encapsulation 5. Internal connectors properly soldered to eyelet of binding posts; 6. Switch fixations should survive 100 continuous on-off operation cycles, without signs of wear and tear <p>* "Imported products should pass international quality control product standards and have international quality control product markings such as CE, ISO, ASTM, ASQC, AFCIQ, ASQ, DGQ, EOQC, IQA, and the likes, while locally made products (Philippine-made) should pass the local quality control product standards and bear the PS mark." made) should pass the local quality control product standards and bear the PS mark."</p>		
	<p>Tectonics Demonstrator Model (Demonstration Kit)</p>	<p>The item shall have the following specifications:</p> <ol style="list-style-type: none"> 1. Tectonic container must be: Length Range: 10 range -13 inches Width Range 6 range -8 inches Height Range 3 range - 5 inches Shape: Rectangular 2. The model contains the following: <ol style="list-style-type: none"> a. Two pieces L-shaped plastic plates with screw type long push handles b. One piece Rectangular / Square plastic plates with screw type short push handle used to flatten the sand inside the tectonic container. c. 12 pieces of washers d. 12 pieces of nuts e. Includes 1kilogram yellow sand and 1 kilograms green sand. 3. Clearly demonstrate the powerful forces of tectonic processes with this easy-to-use, hands-on model 4. Simulate the formation of folds, faults, erosion, tectonics, compression and rift valleys. 5. With English User's Manual that includes <ol style="list-style-type: none"> a. Operation Guide b. Guide on how to assemble the model. 		

		<p>c. Guide on how to use the model with pictures</p> <p>d. Student Activity Sheets</p> <p>6. Must be branded.</p> <p>* "Imported products should pass international quality control product standards and have international quality control product markings such as CE, ISO, ASTM, ASQC, AFCIQ, ASQ, DGQ, EOQC, IQA, and the likes, while locally made products (Philippine-made) should pass the local quality control product standards and bear the PS mark." made) should pass the local quality control product standards and bear the PS mark."</p>		
	Telescope, Astronomical (Reflecting)	<p>The item shall have the following specifications:</p> <ol style="list-style-type: none"> 1. Equatorial Reflector Telescope Features: <ol style="list-style-type: none"> a) 114mm Aperture (4.5 inches) b) Focal Length - 910 mm c) Rack-and-Pinion Focuser d) Equatorial Mount with manual control cables e) Setting Circles f) Latitude Control with Scale g) Two 1.25 inches Eyepieces - 9mm and 25mm, multi coated h) Aluminum Tripod with Accessory Shelf 2. With English User's Manual that includes Operation Guide and Guide on how to assemble the model. 3. With Sticker at the bottom of the eyepiece stating the model, focal length, and diameter. 4. Includes training on use, maintenance, and storage 5. Must be branded <p>* "Imported products should pass international quality control product standards and have international quality control product markings such as CE, ISO, ASTM, ASQC, AFCIQ, ASQ, DGQ, EOQC, IQA, and the likes, while locally made products (Philippine-made) should pass the local quality control product standards and bear the PS mark." made) should pass the local quality control product standards and bear the PS mark."</p>		
	Test Tube Brush	<p>The item shall have the following specifications:</p>		

		<ol style="list-style-type: none"> 1. Stiff, white nylon bristles with a radial-tufted tip bristles fastened to rust-free galvanized wire 2. Brush portion: Dia. 18 mm x 76 mm Length 3. Over-all length range: 240 mm to 300 mm <p>* "Imported products should pass international quality control product standards and have international quality control product markings such as CE, ISO, ASTM, ASQC, AFCIQ, ASQ, DGQ, EOQC, IQA, and the likes, while locally made products (Philippine-made) should pass the local quality control product standards and bear the PS mark." made) should pass the local quality control product standards and bear the PS mark."</p>		
	Ticker Timer Set	<p>The item shall have the following specifications:</p> <ol style="list-style-type: none"> 1. Operates between 6 to 12V a.c. and produces dots on the tape using a carbon paper disc at frequency the same with the mains. Has a rugged plastic base and screw type binding posts 2. Supplied with: 40mm carbon paper disc (100pcs) 15mm wide ticker tape (3 rolls) c-clamp 3. Must be branded. <p>* "Imported products should pass international quality control product standards and have international quality control product markings such as CE, ISO, ASTM, ASQC, AFCIQ, ASQ, DGQ, EOQC, IQA, and the likes, while locally made products (Philippine-made) should pass the local quality control product standards and bear the PS mark." made) should pass the local quality control product standards and bear the PS mark."</p>		
	Toploading Electronic Balance	<p>The item shall have the following specifications.</p> <ol style="list-style-type: none"> 1. Load/Capacity: 500g 2. With standard 500 g mass provided 3. Readability/Accuracy: 0.01g 4. Power Supply: 220-240V/50Hz 5. With large LCD display; Stainless steel pan 6. With multiple weighing units and overload protection 		

	<p>7. Automatic calibration; Standard RS 232 interface</p> <p>8. Parts counting and percentage weighing</p> <p>9. Includes Operations manual in English</p> <p>10. Measures an object's mass up to 500g capacity</p> <p>11. Must be branded</p> <p>* "Imported products should pass international quality control product standards and have international quality control product markings such as CE, ISO, ASTM, ASQC, AFCIQ, ASQ, DGQ, EOQC, IQA, and the likes, while locally made products (Philippine-made) should pass the local quality control product standards and bear the PS mark." made) should pass the local quality control product standards and bear the PS mark."</p>		
Tornado Vortex Bottle Connector	<p>The item shall have the following specifications:</p> <ol style="list-style-type: none"> 1. Connects any two pieces of 1.5 Liter- 2 Liter plastic bottle. 2. Any color and made of plastic 3. In the middle contains 5 mm -8 mm hole in diameter which serve as passage of water from one bottle to another. 4. Outside diameter range: 30 mm - 35mm; Inside diameter range: 26 mm -29 mm 5. The setup can be used to demonstrate water vortex or hurricane. 6. Spill proof and crack free 7. Reusable 8. Must be branded. <p>* "Imported products should pass international quality control product standards and have international quality control product markings such as CE, ISO, ASTM, ASQC, AFCIQ, ASQ, DGQ, EOQC, IQA, and the likes, while locally made products (Philippine-made) should pass the local quality control product standards and bear the PS mark." made) should pass the local quality control product standards and bear the PS mark."</p>		
Universal pH Paper, pH 0-14, 100 strips/pack	<p>The item shall have the following specifications:</p> <ol style="list-style-type: none"> 1. Indicator test strip in four colors to test pH values; 		

		<ol style="list-style-type: none"> 2. 100 strips in a transparent box; 3. With complete color chart; 4. Dimension (L x W): 69 mm (± 1 mm) x 6 mm (± 1 mm) 5. Measures the pH of a substance or a solution indicating its acidity or alkalinity in comparison with a pH color chart; 6. Must be branded. <p>* "Imported products should pass international quality control product standards and have international quality control product markings such as CE, ISO, ASTM, ASQC, AFCIQ, ASQ, DGQ, EOQC, IQA, and the likes, while locally made products (Philippine-made) should pass the local quality control product standards and bear the PS mark." made) should pass the local quality control product standards and bear the PS mark."</p>		
4	Beam Balance, double platform, 2000-gram capacity	<p>The item shall have the following specifications:</p> <ol style="list-style-type: none"> 1. Used for comparative weighing to determine the difference in mass between two (2) objects, the double-platform, double beam balance with built-in sliding masses. 2. Capacity: 2,000 grams. 3. Base and beams are made of metals, corrosion resistant. 4. Weigh Beam Capacity x Readability: 10 g x 0.1 g, with sliding mass 200 g x 10 g, notched every 10g intervals on which its rider will seat in a definite and correct position firmly without appreciable movement. . 5. Platform: stainless steel pan, $\text{Ø}15.2$ cm 6. Dimensions (w x d x h): 35.5 cm x 24.1 cm x 17.8 cm 7. Precision/Accuracy: measures +/- 1% of the actual mass for at least three consecutive trials. 8. Comes with a plastic storage case. 9. Should include an Instruction Manual on proper use and care in English. 10. Comes with four (4) Weights, has permanent label on body indicating its weight, the following are: <ol style="list-style-type: none"> 10.1) 1 pc. 1,000-gram Weight 10.2) 1 pc. 500-gram Weight 10.3) 1 pc. 200-gram Weight 10.4) 1 pc. 100-gram Weight 		

		<p>11. These four weights are packed in a hard plastic storage case.</p> <p>12. Must be branded.</p> <p>* "Imported products should pass international quality control product standards and have international quality control product markings such as CE, ISO, ASTM, ASQC, AFCIQ, ASQ, DGQ, EOQC, IQA, and the likes, while locally made products (Philippine-made) should pass the local quality control product standards and bear the PS mark." made) should pass the local quality control product standards and bear the PS mark."</p>		
	Compass (for Student)	<p>The item shall have the following specifications:</p> <ol style="list-style-type: none"> 1. Compass, two legs, stainless steel; 2. Length: 150 mm \pm 2 mm 3. With pencil adaptor attached at or integrated on one end of one of the legs. The said adaptor must be able to adapt, also, to any kind of pencil available in the local market; 4. Stainless Steel Surface Finish: Well-polished and smooth; 5. Comes with transparent plastic case or box; 6. Must be branded. <p>* "Imported products should pass international quality control product standards and have international quality control product markings such as CE, ISO, ASTM, ASQC, AFCIQ, ASQ, DGQ, EOQC, IQA, and the likes, while locally made products (Philippine-made) should pass the local quality control product standards and bear the PS mark." made) should pass the local quality control product standards and bear the PS mark."</p>		
	Geoboard, 11 x 11	<p>The item shall have the following specifications:</p> <ol style="list-style-type: none"> 1. Double sided geoboard - square pattern on one side (11 x 11), circle on the other; 2. Made of sturdy plastic material and comes in any color; 3. The surfaces and edges must be smooth, no warps, must sits flat when laid on the table; 4. Board Dimensions (W x L): 230 mm x 230 mm (\pm 2 mm) 5. Edging Height (all sides): 6 mm \pm 0.2 mm from the board; 		

		<p>6. Board and Edging Thickness: 3 mm ± 0.2 mm</p> <p>7. Array Pin Diameter: 3 mm ± 0.1 mm</p> <p>8. Array Pin Height: 5 mm ± 0.1 mm</p> <p>9. Comes with a transparent plastic case;</p> <p>10. Comes with Instruction Manual in English with illustrations;</p> <p>11. Comes with assorted size and color rubber bands (25 pcs);</p> <p>12. Must be branded.</p> <p>* "Imported products should pass international quality control product standards and have international quality control product markings such as CE, ISO, ASTM, ASQC, AFCIQ, ASQ, DGQ, EOQC, IQA, and the likes, while locally made products (Philippine-made) should pass the local quality control product standards and bear the PS mark." made) should pass the local quality control product standards and bear the PS mark."</p>		
	Graphing board, 1.2m x 1m, green, movable	<p>The item shall have the following specifications:</p> <ol style="list-style-type: none"> 1. Graphing Board, green, movable, marine plywood 2. Dimensions: 1.2 meters x 1 meter 3. Board thickness: 12.5 mm ± 1 mm 4. The grid horizontal and vertical lines are etched and colored yellow visible at far side in the classroom. 5. Grid horizontal lines spacing: 20mm 6. Grid vertical lines spacing: 20mm 7. With aluminum side frame. With legs and caster wheels for easy movement from one place to another. 8. Must be branded. <p>* "Imported products should pass international quality control product standards and have international quality control product markings such as CE, ISO, ASTM, ASQC, AFCIQ, ASQ, DGQ, EOQC, IQA, and the likes, while locally made products (Philippine-made) should pass the local quality control product standards and bear the PS mark." made) should pass the local quality control product standards and bear the PS mark."</p>		
	Graphing Calculator, non-projectable	<p>The item shall have the following specifications:</p> <ol style="list-style-type: none"> 1. Non-projectable Graphing Calculator. 		

		<ol style="list-style-type: none"> 2. Stores/calculates/displays input data, complex equations and formulas, graph and or chart. 3. Upgradeable operating system. Softwares are accessible via internet and may be downloaded upon receipt of the unit and thereafter. 4. Memory: 20 KB-RAM to 32 KB-RAM and 450 KB-ROM to 520 KB-ROM. 5. Display size: at least 8 lines x 16 characters per line. 6. 7 different graph styles for differentiating the look of each graph drawn. 7. Easy access function menus. 8. Readily connectable to Personal Computers (comes with connection accessories) 9. Operates on dry cells. Comes with dry cells and ready to use. 10. Must be branded. Comes with user's manual in English containing operation guide of the featured functions and in replacing the battery. 11. Must operate as stated above and in the manual. <p>* "Imported products should pass international quality control product standards and have international quality control product markings such as CE, ISO, ASTM, ASQC, AFCIQ, ASQ, DGQ, EOQC, IQA, and the likes, while locally made products (Philippine-made) should pass the local quality control product standards and bear the PS mark." made) should pass the local quality control product standards and bear the PS mark."</p>		
	<p>Probability Kit</p>	<p>The item shall have the following specifications or their equivalent:</p> <ol style="list-style-type: none"> 1. Demonstrate probability, random and selective sampling. 2. Class kit, at least 180 pcs in a box for large group or individual learning. <p>Consist of the following:</p> <ol style="list-style-type: none"> a) 20 to 30 combination of activities and teacher demonstration on cards b) 52 pcs (1 set) playing cards c) 7 to 9 pcs different spinners; d) 40 to 50 pcs coins; e) 10 to 15 pcs polyhedral number dice; f) 2 to 3 pcs dot dice; g) 20 to 30 two color counters or red and yellow chips; 		

	<p>h) 2 to 5 pcs coin dice i) 6 to 8 pcs number dice</p> <p>3. Come with storage container with cover.</p> <p>4. Must be branded.</p> <p>* "Imported products should pass international quality control product standards and have international quality control product markings such as CE, ISO, ASTM, ASQC, AFCIQ, ASQ, DGQ, EOQC, IQA, and the likes, while locally made products (Philippine-made) should pass the local quality control product standards and bear the PS mark." made) should pass the local quality control product standards and bear the PS mark."</p>		
Protractor, (for Student)	<p>The item shall have the following specifications:</p> <ol style="list-style-type: none"> 1. Protractor, student-type, plastic, transparent, semi-circular, 180°; 2. Ø150mm (or 75mm radius), 1mm to 1.5mm thick; 3. Angular graduations are in degrees, from 0° to 180°. With two (2) sets of numerals, one reading clockwise and the other reading counterclockwise; 4. Linear graduations are in millimeters, from 0 to 150mm. 5. With a hole at vertex point enough for a fine string to pass through it; 6. Plastic Surface Finish: Smooth, clear, and free from scratches; 7. It must be horizontally level when laid flat on a table. There must be no warping; 8. Comes with a plastic case; 9. Must be branded. <p>* "Imported products should pass international quality control product standards and have international quality control product markings such as CE, ISO, ASTM, ASQC, AFCIQ, ASQ, DGQ, EOQC, IQA, and the likes, while locally made products (Philippine-made) should pass the local quality control product standards and bear the PS mark." made) should pass the local quality control product standards and bear the PS mark."</p>		
Scientific Calculator	<p>The item shall have the following specifications:</p> <ol style="list-style-type: none"> 1. Display: LCD, 2 lines x 10 to 12 characters, stably shows input- 		

		<p>expressions/equation, calculation result, and various indicators.</p> <ol style="list-style-type: none"> 2. Built-in functions not less than 240 inclusions of the following: <ol style="list-style-type: none"> a) Basic Calculations: arithmetic, fraction, percentage, degrees, minutes, seconds, Random b) Memory calculation. Logarithmic. Hyperbolic functions c) Statistical functions: Single and Double variable statistic/standard deviation d) Trigonometric functions: Sine, Cosine, Tangent, Arcsine, Arccosine, and Arctangent. 3. Basic keys and function keys are labeled permanently (resistant to finger rub and light acid (vinegar) contamination) and operates as such correspondingly. 4. Power requirement: two-way dual (battery, built-in solar system), the unit consistently operational after replacing the battery for three trials, its solar system powers the unit normally in a well lit room without the battery. 5. Comes with fresh dry cells readily operational upon receipt. 6. Key top material: plastic. W x H x T: 73 mm x 145 mm x 10 mm, with dimension tolerance of ± 2 mm. 7. Comes with hard plastic cover/case to protect the face. 8. Comes with User's Manual in English. Contains operation guide on featured functions and in replacing the battery. 9. Must be branded. <p>* "Imported products should pass international quality control product standards and have international quality control product markings such as CE, ISO, ASTM, ASQC, AFCIQ, ASQ, DGQ, EOQC, IQA, and the likes, while locally made products (Philippine-made) should pass the local quality control product standards and bear the PS mark." made) should pass the local quality control product standards and bear the PS mark."</p>		
	Utility Kitchen/Spring Scale	<p>The item shall have the following specifications:</p> <ol style="list-style-type: none"> 1. Maximum Capacity: 1000 grams or 1 kilogram; 		

		<ol style="list-style-type: none"> 2. Main body W x H x L: 140mm x 110mm x 165mm, with dimension tolerance of ± 2 mm. 3. Weighing Pan Diameter: 175mm \pm 2 mm. 4. Metric unit in grams, division: 5 g; 5. Precision/Accuracy: \pm 10g of the actual mass below 250g and \pm 15 g of the actual mass 250g to 1kg for at least three consecutive trials. 6. Comes with an Instruction Manual in English. 7. Must be branded. <p>* "Imported products should pass international quality control product standards and have international quality control product markings such as CE, ISO, ASTM, ASQC, AFCIQ, ASQ, DGQ, EOQC, IQA, and the likes, while locally made products (Philippine-made) should pass the local quality control product standards and bear the PS mark." made) should pass the local quality control product standards and bear the PS mark."</p>		
	Weighing Scale	<p>The item shall have the following specifications:</p> <ol style="list-style-type: none"> 1. Weighing Scale, mechanical kitchen spring type, 10kg-Capacity. 2. Metric units in grams, kilograms division: 50 g. 3. Made of metal with anti-rust coating. No sharp edges. 4. Pointer and round dial type with hard transparent face cover; Minimum dial size: 21 cm diameter. 5. Includes a removable stainless steel bowl which is dishwasher safe. 6. Precision/Accuracy: \pm 100 g of the actual mass below 2.5 kg and \pm 150 g of the actual mass 2.5 kg to 10 kg for at least three consecutive trials. 7. Comes with an Instruction Manual in English. 8. Must be branded. <p>* "Imported products should pass international quality control product standards and have international quality control product markings such as CE, ISO, ASTM, ASQC, AFCIQ, ASQ, DGQ, EOQC, IQA, and the likes, while locally made products (Philippine-made) should pass the local quality control product standards and bear the PS mark." made) should pass the local</p>		

		quality control product standards and bear the PS mark."		
5	Animal Cell Model	<p>The item shall have the following specifications.</p> <ol style="list-style-type: none"> 1. 3D model with colorful cell structures and organelles (nucleus, nucleolus, endoplasmic reticulum, mitochondria, ribosomes, Golgi apparatus, centrioles, lysosomes, cytoplasm, cell membrane); 2. Used as a visual material in studying the various structures of an animal cell; 3. Dimensions: 400 mm tall x 300 mm wide x 110 mm thick (Dimensions tolerance: ± 2 mm); 4. Made of plastic or rubberized material; 5. Mounted on a base; 6. With English User's manual that includes the following: description of the model and its use, labels of the diagram in the manual should be consistent with the numbered parts in the actual model; 7. The parts/structures of the model should be correctly numbered with permanent markings. 8. Must be branded. <p>* "Imported products should pass international quality control product standards and have international quality control product markings such as CE, ISO, ASTM, ASQC, AFCIQ, ASQ, DGQ, EOQC, IQA, and the likes, while locally made products (Philippine-made) should pass the local quality control product standards and bear the PS mark." made) should pass the local quality control product standards and bear the PS mark."w</p>		
	Celestial Globe	<p>The item shall have the following specifications.</p> <ol style="list-style-type: none"> 1. Shows the position of stars for any time and place. A \varnothing 4 inches World Globe and Sun are mounted within a \varnothing 12 inches transparent Star Globe. 2. Each rotates independently. The star map shows principal stars to the 5th magnitude, names of major stars and constellations, and includes the ecliptic, right ascension and declination scale. 		

		<ol style="list-style-type: none"> 3. Must include Names of Months and Days Scales around the globe for easy reference of constellation 4. The horizon mounting allows the Globe to be set for any location. 5. Globe is supported on a cradle base made of hard/tough plastic. 6. With English User's Manual includes: <ol style="list-style-type: none"> a. on the Guide on Using the Model and Sample Student Activity. b. Guide on Using the Model c. Student Activity Sheet and Teacher's Guide 7. Includes training on use, maintenance, and storage. 8. Must be branded <p>* "Imported products should pass international quality control product standards and have international quality control product markings such as CE, ISO, ASTM, ASQC, AFCIQ, ASQ, DGQ, EOQC, IQA, and the likes, while locally made products (Philippine-made) should pass the local quality control product standards and bear the PS mark." made) should pass the local quality control product standards and bear the PS mark."</p>		
	<p>Cross section Volcano Model</p>	<p>The item shall have the following specifications:</p> <ol style="list-style-type: none"> 1. The volcano 10 inches -12 inches in length 2. The parts of the volcano named: Sill, Strata, Dike, Crust, Magma Chamber, Upper Mantle, Lower Mantle, and Vent 3. Detailed cross-section shows the inside of the volcano 4. With removable red tube 5. With 11inches -13inches clear, circular, plastic tray which fit in the entire model 6. It simulates the volcano eruption 7. Easy to clean and reusable. 8. With English Users' Manual that includes operation guide with easy-to-prepare lava recipe 9. Must be branded <p>* "Imported products should pass international quality control product standards and have international quality control product markings such as CE, ISO, ASTM, ASQC, AFCIQ, ASQ,</p>		

		DGQ, EOQC, IQA, and the likes, while locally made products (Philippine-made) should pass the local quality control product standards and bear the PS mark." made) should pass the local quality control product standards and bear the PS mark."		
	DNA Model	<p>The item shall have the following specifications:</p> <ol style="list-style-type: none"> 1. Depicts 16 base pair section/layer DNA; 2. Model height range: 18 inches to 24 inches; 3. With a central post which can rotate on a solid plastic base/stand; 4. Pre-assembled DNA model made of attractive, color-coded plastic shaped parts that represents each bases (Thymine, Adenine, Guanine & Cytosine), the sugar and phosphate components; 5. With removable phosphate-deoxyribose components 6. Double helix; 7. Represents the structure that contains the genetic instruction for the development and function of living things; 8. With English User's manual that includes description of the product, its parts, assembly and storage instructions 9. Must be branded. <p>* "Imported products should pass international quality control product standards and have international quality control product markings such as CE, ISO, ASTM, ASQC, AFCIQ, ASQ, DGQ, EOQC, IQA, and the likes, while locally made products (Philippine-made) should pass the local quality control product standards and bear the PS mark." made) should pass the local quality control product standards and bear the PS mark."</p>		
	Earth Globe, ordinary	<p>The item shall have the following specifications:</p> <ol style="list-style-type: none"> 1. Primarily used as a reference to geographical & political information. Globe diameter: minimum of 12 inches. 2. Shows the following: <ol style="list-style-type: none"> (a) All continents, countries with their capitals, and important cities and places 		

		<p>(b) Updated with newly established countries, or re-named countries and cities.</p> <p>(c) Illustrates the flow and directions of ocean currents</p> <p>(d) Lines of Latitudes (0° to 90°), graduated both in Northern and Southern Latitudes and Longitudes (0° to 180°), graduated both in Eastern and Western Longitudes</p> <p>(e) International Date Line, Arctic Circle, Tropic of Cancer, Tropic of Capricorn and Antarctic Circle</p> <p>(f) Lines of Equator and Prime Meridian</p> <p>(g) Names of mountain, mountain ranges, volcano, ocean floors, gulfs, seas and lakes</p> <p>(h) Names of continents, seas and country boundaries should be according to international standard.</p> <p>(i) Philippine territory emphasizing the "West Philippine Sea" as one of the Philippine territorial sea boundaries.</p> <p>(j) The Nine Dashed Line should not appear.</p> <p>3. The globe which is made of plastic is mounted on a plastic meridian ring (C-shape) with movable magnifier.</p> <p>4. The base stand is made of hard/tough plastic.</p> <p>5. Must be branded.</p> <p>* "Imported products should pass international quality control product standards and have international quality control product markings such as CE, ISO, ASTM, ASQC, AFCIQ, ASQ, DGQ, EOQC, IQA, and the likes, while locally made products (Philippine-made) should pass the local quality control product standards and bear the PS mark." made) should pass the local quality control product standards and bear the PS mark."</p>		
	<p>Geometrical model set, 2 types of cones</p>	<p>The item shall have the following specifications:</p> <ol style="list-style-type: none"> 1. Enables the student to investigate and know the two (2) types of cones. 2. The cones are made of kiln-dried hard wood, fully-polished and varnished that is visible to the naked eye. 3. One (1) set is composed of the following: 		

		<ul style="list-style-type: none"> • 1 pc. right Cone, has a $\text{Ø}100\text{mm} \pm 2$ mm circular base and a height of not less than 150 mm. • 1 pc. Oblique Cone, has a $\text{Ø}100\text{mm} \pm 2$ mm circular base and a height of not less than 150mm. The inclination angle between the imaginary line segment (which connects the vertex to the center of the base) and the base plane is 75°. <p>4. Comes with a Plastic Storage Box. Note: The plastic storage box must be able to conveniently accommodate the 2 cones. On the cover of the storage box, the contents' descriptions must be clearly printed.</p> <p>5. The circular bases of the cones are painted blue and well-polished.</p> <p>6. Lateral surfaces and edges must be varnished that is visible to the naked eye and must be smooth.</p> <p>7. Comes with Instruction Manual in English.</p> <p>8. Must be branded.</p> <p>* "Imported products should pass international quality control product standards and have international quality control product markings such as CE, ISO, ASTM, ASQC, AFCIQ, ASQ, DGQ, EOQC, IQA, and the likes, while locally made products (Philippine-made) should pass the local quality control product standards and bear the PS mark." made) should pass the local quality control product standards and bear the PS mark."</p>		
	<p>Geometrical model set, 2 types of cylinders</p>	<p>The item shall have the following specifications:</p> <ol style="list-style-type: none"> 1. Enables the student to investigate and know the two (2) types of cylinders. 2. The cylinders are made of kiln-dried hard wood, fully-polished and varnished that is visible to the naked eye. 3. One (1) set is composed of the following: <ul style="list-style-type: none"> 3.1) 1 pc. right Cylinder, has $\text{Ø}100$ mm ± 2 mm circular ends and a height of not less than 150mm; 		

		<p>3.2) 1 pc. Oblique Cylinder, has $\text{Ø}100 \text{ mm} \pm 2 \text{ mm}$ circular ends & a height of not less than 150mm. The inclination angle between the imaginary line segment (which connects the centers of the circular ends) and the end plane is 80°.</p> <p>4. Comes with a Plastic Storage Box.</p> <p>Note: The plastic storage box must be able to conveniently accommodate the 2 cylinders. On the cover of the storage box, the contents' descriptions must be clearly printed.</p> <p>5. The circular ends of the cylinders are painted blue and well-polished.</p> <p>6. Lateral surfaces and edges must be varnished that is visible to the naked eye and must be smooth.</p> <p>7. Comes with Instruction Manual in English.</p> <p>8. Must be branded.</p> <p>* "Imported products should pass international quality control product standards and have international quality control product markings such as CE, ISO, ASTM, ASQC, AFCIQ, ASQ, DGQ, EOQC, IQA, and the likes, while locally made products (Philippine-made) should pass the local quality control product standards and bear the PS mark." made) should pass the local quality control product standards and bear the PS mark."</p>		
	<p>Geometrical model set, 3 types of prisms</p>	<p>The item shall have the following specifications:</p> <ol style="list-style-type: none"> 1. Enables the student to investigate and know the different types of prisms. 2. The prisms are made of kiln-dried hard wood, fully-polished and varnished that is visible to the naked eye. 3. One (1) set is composed of the following: <ul style="list-style-type: none"> 3.1) 1 pc. right Triangular Prism, has equilateral triangle ends and has a height of not less than 150 mm. One side of the equilateral triangle end is $100\text{mm} \pm 2 \text{ mm}$. 3.2) 1 pc. oblique Triangular Prism, has isosceles triangle ends and has a height of not less than 150mm. The isosceles triangle end has $50^\circ \times 50^\circ \times 80^\circ$ angles and the side opposite the 		

		<p>80° angle is 100mm ± 2 mm. The inclination angle between the imaginary line segment (which connects the centers of the triangle ends) and the end plane is 80°. The inclination of the prism is relative to the two (2) end planes. With reference to one end plane, the inclination is toward the midpoint of the 100mm side. With reference to the other end plane, the inclination is toward the vertex directly opposite the 100mm side.</p> <p>3.3) 1 pc. right Pentagonal Prism, has equilateral pentagon ends and has a height of not less than 150mm. One side of the equilateral pentagon end is 50mm ± 2 mm.</p> <p>4. Comes with a Plastic Storage Box. Note: The plastic storage box must be able to conveniently accommodate the 3 prisms. On the cover of the storage box, the contents' descriptions must be clearly printed.</p> <p>5. The triangle ends of the triangular prisms are painted yellow and well-polished. The pentagon ends of the pentagonal prism are painted green and well-polished.</p> <p>6. Lateral surfaces and edges must be varnished that is visible to the naked eye and must be smooth.</p> <p>7. Comes with Instruction Manual in English.</p> <p>8. Must be branded.</p> <p>* "Imported products should pass international quality control product standards and have international quality control product markings such as CE, ISO, ASTM, ASQC, AFCIQ, ASQ, DGQ, EOQC, IQA, and the likes, while locally made products (Philippine-made) should pass the local quality control product standards and bear the PS mark." made) should pass the local quality control product standards and bear the PS mark."</p>		
	<p>Geometrical model set, 3 types of pyramids</p>	<p>The item shall have the following specifications:</p> <ol style="list-style-type: none"> 1. Enables the student to investigate and know the different types of pyramids. 2. The pyramids are made of kiln-dried hard wood, fully-polished and 		

		<p>varnished that is visible to the naked eye.</p> <p>3. One (1) set is composed of the following:</p> <ul style="list-style-type: none"> i) 1 pc. regular Triangular Pyramid, has an equilateral triangle base & a height of not less than 150 mm. One side of the equilateral triangle base is $100\text{mm} \pm 2 \text{ mm}$. ii) 1 pc. oblique Quadrilateral Pyramid, has a square base and a height of not less than 150mm. One side of the square base is $100\text{mm} \pm 2 \text{ mm}$. The inclination angle between the imaginary line segment (which connects the common vertex to the center of the base) and the plane of the base is 75°. The inclination is toward the midpoint of one of the sides of the square base. iii) 1 pc. regular Quadrilateral Pyramid, has a square base and a height of not less than 150mm. One side of the square base is $100\text{mm} \pm 2 \text{ mm}$. <p>4. Comes with a Plastic Storage Box.</p> <p>Note: The plastic storage box must be able to conveniently accommodate the 3 pyramids.</p> <p>On the cover of the storage box, the contents' descriptions must be clearly printed.</p> <p>5. The triangle base of the triangular pyramid is painted yellow and well-polished. The square bases of the quadrilateral pyramids are painted white and well-polished.</p> <p>6. Lateral surfaces and edges must be varnished that is visible to the naked eye and must be smooth.</p> <p>7. Comes with Instruction Manual in English.</p> <p>8. Must be branded.</p> <p>* "Imported products should pass international quality control product standards and have international quality control product markings such as CE, ISO, ASTM, ASQC, AFCIQ, ASQ, DGQ, EOQC, IQA, and the likes, while locally made products (Philippine-made) should pass the local quality control product standards and bear the PS mark." made) should pass the local</p>		
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		quality control product standards and bear the PS mark."		
	Geometrical model set, Spheres	<p>The item shall have the following specifications:</p> <ol style="list-style-type: none"> 1. Enables the student to see and investigate spheres of different sizes. 2. The spheres and half-sphere are made of kiln-dried hard wood, fully-polished and varnished that is visible to the naked eye. 3. One (1) set is composed of the following: <ul style="list-style-type: none"> (i) 1 pc. $\text{Ø}200 \text{ mm} \pm 2 \text{ mm}$ Sphere. (ii) 1 pc. $\text{Ø}150 \text{ mm} \pm 2 \text{ mm}$ Sphere. (iii) 1 pc. $\text{Ø}100 \text{ mm} \pm 2 \text{ mm}$ Sphere (iv) 3.4) 1 pc. $100\text{mm} \pm 2 \text{ mm}$ Radius Half-Sphere 4. Comes with a Plastic Storage Box. Note: The plastic storage box must be able to conveniently accommodate the 3 spheres and 1 half-sphere. On the cover of the storage box, the contents' descriptions must be clearly printed. 5. The circular base of the half-sphere is painted blue and well-polished. 6. Surfaces, except for the circular base of the half-sphere, must be varnished that is visible to the naked eye and must be smooth. 7. Comes with Instruction Manual in English. 8. Must be branded <p>* "Imported products should pass international quality control product standards and have international quality control product markings such as CE, ISO, ASTM, ASQC, AFCIQ, ASQ, DGQ, EOQC, IQA, and the likes, while locally made products (Philippine-made) should pass the local quality control product standards and bear the PS mark." made) should pass the local quality control product standards and bear the PS mark."</p>		
	Model of Cone in a Cylinder	<p>The item shall have the following specifications:</p> <ol style="list-style-type: none"> 1. Enables the student to investigate and know that the volume of a cone is equal to one-third ($1/3$) the volume of the cylinder of the same base area and height. 2. One (1) set is composed of 4 wooden right cones, 4 transparent plastic 		

		<p>right conical vessels, 4 transparent plastic right cylindrical containers, and 4 wooden right cylinders.</p> <p>3. The specs of the 4 wooden right cones and 4 wooden right cylinders are as follow:</p> <ol style="list-style-type: none"> i. 2 pcs Cone, Ø80mm base & 150 mm height. ii. 2 pcs Cylinder, Ø80mm x 150mm L iii. 2 pcs Cone, Ø100mm base & 150 mm height. iv. 2 pcs Cylinder, Ø100mm x 150mm L <p>4. The specs of the 4 transparent plastic right conical vessels are as follows:</p> <ol style="list-style-type: none"> i) 2 pcs Conical Vessel whose inside dimensions (base and height) are exactly the same as that of the above Ø80mm wooden cone. (The base of vessel is open. ii) 2 pcs Conical Vessel whose inside dimensions (base and height) are exactly the same as that of the above Ø100mm wooden cone. (The base of vessel is open) <p>5. The specs of the 4 transparent plastic right cylindrical containers are as follows:</p> <ol style="list-style-type: none"> (i) 2 pcs Cylindrical Container with inside diameter of 80mm & inside height of 150mm. One (1) end of the container is open. (ii) 2 pcs Cylindrical Container with inside diameter of 100mm & inside height of 150mm. One (1) end of the container is open. (iii) Cylindrical containers have graduations printed on their walls. The graduations begin at zero that corresponds to the inside bottom surface of the container and end at 15cm mark which is at the topmost point of the container. The graduations are by centimeters, from 0 to 15cm. <p>6. The material for the right cones and right cylinders must be kiln-dried hard wood, fully-polished and varnished that is visible to the naked eye. The material for the right conical vessels & right cylindrical containers must be transparent</p>		
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		<p>polycarbonate plastic, clear, smooth, and free from scratches.</p> <ol style="list-style-type: none"> 7. Surfaces and edges must be smooth. (There must be no sharp edges.) 8. Comes with a Plastic Storage Box. Note: The plastic storage box must be able to conveniently accommodate the above cones, cylinders, vessels, and containers. On the cover of the storage box, the contents' descriptions must be clearly printed. 9. Comes with Instruction Manual in English. 10. The wall thickness of the transparent plastic right conical vessels is $3\text{mm} \pm 1\text{ mm}$. 11. The wall & base thickness of the transparent plastic right cylindrical containers is $3\text{mm} \pm 1\text{ mm}$. 12. There should be no leaks on the above-cited vessels and containers when these are filled with water. 13. There must be no warping of the walls of vessels. 14. There must be no warping of the walls and bases of the containers. 15. Must be branded. <p>* "Imported products should pass international quality control product standards and have international quality control product markings such as CE, ISO, ASTM, ASQC, AFCIQ, ASQ, DGQ, EOQC, IQA, and the likes, while locally made products (Philippine-made) should pass the local quality control product standards and bear the PS mark." made) should pass the local quality control product standards and bear the PS mark."</p>		
	<p>Model of Earth Internal Structure, 1/4 part detachable, Ø 12" minimum</p>	<p>The item shall have the following specifications:</p> <ol style="list-style-type: none"> 1. Globe diameter: minimum of 12 inches. 2. Shows the countries and ocean 3. 1/4 part detachable and shows the different layer 4. Must have correct permanent makings of the following parts as follows: <ol style="list-style-type: none"> a. Crust b. Mantle c. Outer Core d. Lower Core 5. Made of plastic 6. The base stand is made of hard/tough plastic. 		

		<p>7. The removable parts must be intact and not falling.</p> <p>8. Must be branded</p> <p>* "Imported products should pass international quality control product standards and have international quality control product markings such as CE, ISO, ASTM, ASQC, AFCIQ, ASQ, DGQ, EOQC, IQA, and the likes, while locally made products (Philippine-made) should pass the local quality control product standards and bear the PS mark." made) should pass the local quality control product standards and bear the PS mark."</p>		
	<p>Model of Pyramid in a Prism</p>	<p>The item shall have the following specifications:</p> <ol style="list-style-type: none"> 1. Enables the student to investigate and know that the volume of a pyramid is equal to one-third (1/3) the volume of the prism of the same base/end area and height. 2. One (1) set is composed of 4 wooden regular pyramids, 4 transparent plastic regular pyramid vessels, 4 transparent plastic right prism containers, and 4 wooden right prisms. 3. The specs of the 4 wooden regular pyramids and 4 wooden right prisms are as follows: <ol style="list-style-type: none"> i. 2 pcs Triangular Pyramid, equilateral triangle base (100mm side length) x 150mm height. ii. 2 pcs Quadrilateral Pyramid, square base (100mm side length) x 150mm height. iii. 2 pcs Triangular Prism, equilateral triangle ends (100mm side length) x 150mm height. iv. 2 pcs Quadrilateral Prism, square ends (100mm side length) x 150mm height. 4. The specs of the 4 transparent plastic regular pyramid vessels are as follows: <ol style="list-style-type: none"> (i) 2 pcs Triangular Pyramid Vessel whose inside dimensions (base and height) are exactly the same as that of the above wooden triangular pyramid. (The base of vessel is open); (ii) 2 pcs Quadrilateral Pyramid Vessel whose inside dimensions (base and height) are exactly the same as that of the above wooden quadrilateral 		

		<p>pyramid. (Base of vessel is open).</p> <p>5. The specs of the 4 transparent plastic right prism containers are as follows:</p> <ul style="list-style-type: none"> i) 2 pcs Triangular Prism Container whose inside ends & height are exactly the same as that of the above wooden triangular prism's ends & height. (One end of container is open); ii) 2 pcs Quadrilateral Prism Container whose inside ends & height are exactly the same as that of the above wooden quadrilateral prism's ends & height. (One end of container is open); iii) 5.3) Prism containers have graduations printed on their walls. The graduations begin at zero that corresponds to the inside bottom surface of the container and end at 15cm mark which is at the topmost point of the container. The graduations are by centimeters, from 0 to 15cm. <p>6. The material for the regular pyramids and right prisms must be kiln-dried hard wood, fully-polished and varnished that is visible to the naked eye. The material for the regular pyramid vessels & right prism containers must be transparent polycarbonate plastic, clear, smooth, and free from scratches.</p> <p>7. Surfaces and edges must be smooth. (There must be no sharp edges.)</p> <p>8. Comes with a Plastic Storage Box. Note: The plastic storage box must be able to conveniently accommodate the above pyramids, prisms, vessels, and containers. On the cover of the storage box, the contents' descriptions must be clearly printed.</p> <p>9. Comes with Instructional Manual in English.</p> <p>10. The wall thickness of the transparent plastic regular pyramid vessels is $3\text{mm} \pm 1\text{ mm}$.</p> <p>11. The wall & base thickness of the transparent plastic right prism containers is $3\text{mm} \pm 1\text{ mm}$.</p> <p>12. There should be no leaks on the above-cited vessels and containers when these are filled with water.</p> <p>13. There must be no warping of the walls of vessels.</p>		
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		<p>14. There must be no warping of the walls and bases of the containers.</p> <p>15. Must be branded.</p> <p>* "Imported products should pass international quality control product standards and have international quality control product markings such as CE, ISO, ASTM, ASQC, AFCIQ, ASQ, DGQ, EOQC, IQA, and the likes, while locally made products (Philippine-made) should pass the local quality control product standards and bear the PS mark." made) should pass the local quality control product standards and bear the PS mark."</p>		
	<p>Model of Sphere in a Cylinder</p>	<p>The item shall have the following specifications:</p> <ol style="list-style-type: none"> 1. Enables the student to investigate & know that the volume of a sphere is equal to two-third ($\frac{2}{3}$) the volume of the cylinder whose diameter and height are equal to the diameter of said sphere. 2. One (1) set is composed of 4 wooden spheres, 8 transparent plastic semi-spherical vessels, 4 transparent plastic right cylindrical containers, and 4 wooden right cylinders. 3. The specs of the 4 wooden spheres and 4 wooden right cylinders are as follows: <ol style="list-style-type: none"> (i) 2 pcs Sphere with $\text{Ø}150\text{mm}$. 3.3) 2 pcs Cylinder, $\text{Ø}150\text{mm}$ x 150mm long (ii) 2 pcs Sphere with $\text{Ø}100\text{mm}$. 3.4) 2 pcs Cylinder, $\text{Ø}100\text{mm}$ x 100mm long 4. The specs of the 8 transparent plastic semi spherical vessels are as follows: <ol style="list-style-type: none"> i) 4 pcs Semi-Spherical Vessel whose inside diameter is 150mm. (The plane surface of the vessel is open) ii) 4 pcs Semi-Spherical Vessel whose inside diameter is 100mm. (The plane surface of the vessel is open). 5. The specs of the 4 transparent plastic right cylindrical containers are as follows: <ol style="list-style-type: none"> i. 2 pcs Cylindrical Container whose inside diameter is equal to its inside height. The inside diameter is 150mm. (One end of the cylindrical container is open). ii. 2 pcs Cylindrical Container whose inside diameter is equal 		

		<p>to its inside height. The inside diameter is 100mm. (One end of the cylindrical container is open).</p> <p>iii. Cyl. containers have graduations printed on their walls. The graduations of two (2) containers begin at zero (0) that corresponds to the inside bottom surface of the container and end at 15cm mark which is at the topmost point of the container. The graduations of the other two (2) containers begin at zero (0) that corresponds to the inside bottom surface of the container and end at 10cm mark which is at the topmost point of the container.</p> <p>6. The material for the spheres and right cylinders must be kiln-dried hard wood, fully-polished and varnished that is visible to the naked eye. The material for the semi-spherical vessels & right cylindrical containers must be transparent polycarbonate plastic, clear, smooth, and free from scratches.</p> <p>7. Surfaces and edges must be smooth. (There must be no sharp edges.)</p> <p>8. Comes with a Plastic Storage Box.</p> <p>Note: The plastic storage box must be able to conveniently accommodate the above spheres, cylinders, vessels and containers. On the cover of the storage box, the contents' descriptions must be clearly printed.</p> <p>9. Comes with Instruction Manual in English.</p> <p>10. The wall thickness of the transparent plastic semi-spherical vessels is $3\text{mm} \pm 1\text{ mm}$.</p> <p>11. The wall & base thickness of the transparent plastic right cylindrical containers is $3\text{mm} \pm 1\text{ mm}$.</p> <p>12. There should be no leaks on the above-cited vessels and containers when these are filled with water</p> <p>13. There must be no warping of the walls of vessels.</p> <p>14. There must be no warping of the walls and bases of the containers.</p> <p>15. Must be branded.</p>		
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		<p>* "Imported products should pass international quality control product standards and have international quality control product markings such as CE, ISO, ASTM, ASQC, AFCIQ, ASQ, DGQ, EOQC, IQA, and the likes, while locally made products (Philippine-made) should pass the local quality control product standards and bear the PS mark." made) should pass the local quality control product standards and bear the PS mark."</p>		
	<p>Model, Animal Meiosis</p>	<p>The item shall have the following specifications:</p> <ol style="list-style-type: none"> 1. Model of Animal Meiosis is a set depicting 10 phases of meiosis namely: <ol style="list-style-type: none"> a) Interphase (G1-phase), b) Prophase I (leptotene), c) Prophase I (Zygotene and pachytene), d) Prophase I (diplotene), e) Prophase I (diakinesis), f) Metaphase I g) Anaphase I, h) Telophase I, Cytokinesis I, Interkinesis, Prophase II, and Metaphase II, i) Anaphase II, j) Telophase II and Cytokinesis II 2. Labels of the phases must bear the correct spelling as stated in no. 1; 3. Shows the nucleus, centrioles, centrosome, chromatin, chromosomes, spindle fiber and aster; 4. The color of the model shall be in accordance with the coloring methods of microscopy; 5. Individual cell model magnetic and detachable, each resting in a magnetic board/frame. Magnet should not separate from the cell model; cell models should not fall when the frame is vertically mounted. 6. Product measures 600 mm (\pm 1 mm) long x 60 mm (\pm 1 mm) thick x 400 mm (\pm 1 mm) wide. 7. With English User's manual that includes the description in each phase of meiosis and storage instructions. 8. Must be branded. 9. Depicts correct representation of what is happening in each phase. 		

		<p>* "Imported products should pass international quality control product standards and have international quality control product markings such as CE, ISO, ASTM, ASQC, AFCIQ, ASQ, DGQ, EOQC, IQA, and the likes, while locally made products (Philippine-made) should pass the local quality control product standards and bear the PS mark." made) should pass the local quality control product standards and bear the PS mark."</p>		
	<p>Model, Animal Mitosis</p>	<p>The item shall have the following specifications:</p> <ol style="list-style-type: none"> 1. Model of Mitosis is a set depicting the 9 phases of mitosis namely; 1. Interphase, 2. Prophase, 3. Early Prometaphase, 4. Late Prometaphase, 5. Metaphase, 6. Early Anaphase, 7. Late Anaphase, 8. Telophase, 9. Cytokinesis; 2. Labels of the phases must bear the correct spelling as stated in no. 1; 3. Shows the nucleus, centrioles, centrosome, chromatin, chromosomes, spindle fiber and aster; 4. The color of the model shall be in accordance with the coloring methods of microscopy; 5. Individual cell model magnetic and detachable, each resting in a magnetic board/frame. Magnet should not separate from the cell model; cell models should not fall when the board/frame is vertically mounted. 6. Product measures 600 mm (± 1 mm) long x 60 mm (± 1 mm) thick x 400 mm (± 1 mm) wide; 7. With English User's manual that includes the description in each phase of mitosis and storage instructions; 8. Must be branded. 9. Depicts correct representation of what is happening in each phase. <p>* "Imported products should pass international quality control product standards and have international quality control product markings such as CE, ISO, ASTM, ASQC, AFCIQ, ASQ, DGQ, EOQC, IQA, and the likes, while locally made products (Philippine-made) should pass the local quality control product standards and bear the PS mark." made) should pass the local</p>		

		quality control product standards and bear the PS mark."		
	Model, Human Skeleton	<p>The item shall have the following specifications:</p> <ol style="list-style-type: none"> 1. Non-toxic hard plastic material; washable. 2. Mounted on stable metal stand, stainless steel rod, Ø 10mm-12mm, with 4 or 5 legged unbreakable plastic with roller casters as support to the skeleton. 3. All joints properly articulated and wired; all metal materials that will join or interconnect the bones should be stainless steel. 4. The model shall show the complete numbered parts of the following bones with the correct spelling: frontal, parietal, ethmoid, temporal, zygomatic arch, occipital, nasal, maxilla, mandible, hyoid bone, cervical vertebra (7), manubrium, clavicle, coracoid, scapula, sternum, xiphoid process, ribs, thoracic vertebra (12), humerus, radius, ulna, carpals, metacarpals, phalanges, lumbar vertebra (5), ilium, sacrum (5), coccyx (3), pubis, ischium, femur, patella, tibia, fibula, talus, calcaneus, tarsals, metatarsals; 5. With English User's manual that includes the following: description of the model and its use, labels of the diagram in the manual should be consistent with the numbered parts in the actual model 6. Minimum height of the human skeleton: 158 cm ±2 cm with overall height range of 168 cm to 188 cm after mounting on the stand. 7. Bones can be assembled or detached. 8. The parts of the model should be correctly numbered with permanent markings. 9. Must be Branded. 10. Serves as model for the internal framework of the body. <p>* "Imported products should pass international quality control product standards and have international quality control product markings such as CE, ISO, ASTM, ASQC, AFCIQ, ASQ, DGQ, EOQC, IQA, and the likes, while locally made products (Philippine-made) should pass the local quality control product standards and bear the PS mark." made) should pass the local</p>		

		quality control product standards and bear the PS mark."		
	Model, Human Torso	<p>The item shall have the following specifications:</p> <ol style="list-style-type: none"> 1. Tough, smooth-finished plastic material mounted on a base; 2. Detachable head; 3. Open back, exposed spine with 2 to 3 removable vertebra and spinal cord segments; 4. Interchangeable reproductive organs; female reproductive organs shall have a fetus which is removable; 5. 28 to 32 dissectable parts that include: removable head (parts of mouth and nasopharynx exposed) with half brain expose, with arteries; eye with optic nerve; female breast plate with plate rib; right and left lung; 2-part heart, 2-part stomach; liver with gall bladder, large intestine, with appendix flap, small intestine, kidney half, female genital organs (2 parts), male genital organs (4 parts); 6. The parts, structures of the model should be correctly numbered with permanent markings; 7. With English User's Manual that includes the following: description of the model and its use, labels of the diagram should be consistent with the numbered parts in the actual model and guide on how to assemble the model. 8. Height: 85cm (± 1 cm); 9. True to life color and free from toxic materials; 10. Will be able to stand upright with removable parts intact and not falling; 11. Must be branded; 12. Provides a realistic representation of the various parts of the human body and internal organs. <p>* "Imported products should pass international quality control product standards and have international quality control product markings such as CE, ISO, ASTM, ASQC, AFCIQ, ASQ, DGQ, EOQC, IQA, and the likes, while locally made products (Philippine-made) should pass the local quality control product standards and bear the PS mark." made) should pass the local</p>		

		quality control product standards and bear the PS mark."		
	Motor-Generator Model Experiment Set	<p>The item shall have the following specifications:</p> <ol style="list-style-type: none"> 1. DC motor mode, runs on 6 volts -12 volt 2. Can function as generator when the armature is rotated; AC-DC generator output is determined by commutator configuration; 3. Selectable split-ring and slip-ring commutator that enables AC-DC output w/o changing the direction of rotation of the rotor; 4. Binding posts, for external connections, labeled with "motor input: 6 V-12 VDC" and "generator output", unit should be should be free of indicator bulbs; 5. Rotor should be concentric with the stator to produce equal air gap; 6. Stator is activated by a permanent magnet. Stator assembly should have one color except blue and red; Example all yellow, all white or all black stator assembly. 7. Includes spare: 4 pcs belt, 1 set magnet; 8. Armature diameter: 68 mm minimum, Armature shaft diameter: Ø 8 mm minimum, w/ rigid mounting; 9. Drive pulley, plastic, diameter: 168 mm minimum, driven pulley diameter: 26 mm minimum, steel nickel plated; 10. Base wooden board minimum dimensions: 200 mm x 300 mm, 19 m 11. m thickness, w/ rubber footing; 12. Branded 13. With English User's Manual that includes operation guide <p>* "Imported products should pass international quality control product standards and have international quality control product markings such as CE, ISO, ASTM, ASQC, AFCIQ, ASQ, DGQ, EOQC, IQA, and the likes, while locally made products (Philippine-made) should pass the local quality control product standards and bear the PS mark." made) should pass the local quality control product standards and bear the PS mark."</p>		
	Plant Cell Model	The item shall have the following specifications:		

		<ol style="list-style-type: none"> 1. 3D model with colorful cell structures and organelles (cell wall, cell membrane, cytoskeleton, ribosomes, Golgi apparatus, mitochondria, chloroplast, nucleolus, nucleus, plasmodesmata, endoplasmic reticulum, and vacuole); 2. Used as a visual material in studying the various structures of a plant cell; 3. Dimensions: 290 mm tall x 200 mm wide x 80 mm thick (Dimensions tolerance: ± 2 cm); 4. Free standing (no separate base) 5. Made of plastic or rubberized material; 6. With English User's manual that includes the following: description of the model and its use, labels of the diagram in the manual should be consistent with the numbered parts in the actual model; 7. The parts/structures of the model should be correctly numbered with permanent markings. 8. Must be branded. <p>* "Imported products should pass international quality control product standards and have international quality control product markings such as CE, ISO, ASTM, ASQC, AFCIQ, ASQ, DGQ, EOQC, IQA, and the likes, while locally made products (Philippine-made) should pass the local quality control product standards and bear the PS mark." made) should pass the local quality control product standards and bear the PS mark."</p>		
	Relief Globe	<p>The item shall have the following specifications:</p> <ol style="list-style-type: none"> 1. Facilitates the visual recognition of terrain, comparable base area and heights of mountains. A learning tool for science, geography, history, and current events. Globe diameter: 295mm to 300 mm 2. Shows the following: <ol style="list-style-type: none"> a) All continents, countries with their capitals, and important cities. b) Updated with newly established countries, or re-named countries and cities. c) Illustrates the flow and directions of ocean currents. 		

		<p>d) Mountain areas are in raised-relief, proportionate to each other with Mount Everest minimum height of 1.5 mm from Sea level surface of the Globe. Mountain areas are shaded three-dimensionally.</p> <p>e) Lines of Latitudes (0° to 90°, graduated both in Northern and Southern Latitudes) and Longitudes (0° to 180°, graduated both in Eastern and Western Longitudes)</p> <p>f) International Date Line, Arctic Circle, Tropic of Cancer, Tropic of Capricorn & Antarctic Circle</p> <p>g) Lines of Equator and Prime Meridian</p> <p>h) Names of continents, seas and country boundaries should be according to international standard.</p> <p>i) Philippine territory emphasizing the "West Philippine Sea" as one of the Philippine territorial sea boundaries.</p> <p>j) The Nine Dashed Line should not appear.</p> <p>3. The globe which is made of plastic is mounted on a plastic meridian ring (C-shape).</p> <p>4. The base stand is made of hard/tough plastic.</p> <p>5. Must be branded</p> <p>* "Imported products should pass international quality control product standards and have international quality control product markings such as CE, ISO, ASTM, ASQC, AFCIQ, ASQ, DGQ, EOQC, IQA, and the likes, while locally made products (Philippine-made) should pass the local quality control product standards and bear the PS mark." made) should pass the local quality control product standards and bear the PS mark."</p>		
	<p>Seismograph Model</p>	<p>The item shall have the following specifications:</p> <ol style="list-style-type: none"> 1. Demonstrates the basic components and principles of operation of an actual seismograph unit. 2. The recording pen is attached to a weight suspended from a support that is connected to a metal base stand. 3. The support moves with the vibrations & the pen records on a 		

		<p>recording paper as the paper is manually pulled through a metal frame</p> <ol style="list-style-type: none"> 4. Earthquakes are simulated by vibrating the table on which the model is mounted. 5. Consist of a roll of recording paper (65 mm wide) with mounting, recording pens, suspended weight, support with a painted metal base stand, recording frame, and table clamp (opening-65 mm). The metal stand rod (325 mm long) and metal support are chrome-plated. The metal frame is of galvanized iron sheet. 6. Base dimensions : 295mm x 155mm x 25mm (minimum) Tolerance ± 10mm 7. With English User's manual that includes the operation and guide on how to assemble the model. 8. Must be branded. <p>* "Imported products should pass international quality control product standards and have international quality control product markings such as CE, ISO, ASTM, ASQC, AFCIQ, ASQ, DGQ, EOQC, IQA, and the likes, while locally made products (Philippine-made) should pass the local quality control product standards and bear the PS mark." made) should pass the local quality control product standards and bear the PS mark."</p>		
	<p>Solar System Model</p>	<p>The item shall have the following specifications:</p> <ol style="list-style-type: none"> 1. A three-dimensional model that shows the Sun and eight official planets. 2. With electrical bulb inside the Sun. 3. Sun's diameter is at least 4 inches and is supported by a weighted base. 4. The planets are supported by chrome-plated rods that are connected to the base and can be revolved around the Sun. 5. Material is plastic. 6. Show the differentiation of sizes between planets. 7. Planets are in standard colors. 8. Includes a printed illustration (on disc-shaped) of the planets revolution. 9. With English User's Manual that include Operation Guide and Guide on how to replace bulb. 10. Must be branded. 		

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Student Organic Chemistry Molecular Model Set (114 piece set)		<p>The item shall have the following specifications:</p> <ol style="list-style-type: none"> 1. Atoms parts are made of durable solid polypropylene plastic spheres and are available with 1-6 holes in the usual angular orientations 2. Each sphere/ball has holes at correct angles to be connected with flexible plastic "bonds" 3. Sphere/atom parts range from 17 mm to 23 mm in diameter. Diameter of hydrogen, halogen, and metal sphere/atom: 17 mm Other atoms diameter: 23 mm 4. Standard color coded plastic (polypropylene) sphere/atom parts: <ul style="list-style-type: none"> >12 carbon atoms (Black, 4 holes, tetrahedral) >20 hydrogen atoms (white, 1 hole) >6 Oxygen atoms (red, 2 holes, angular) >4 nitrogen atom parts <ul style="list-style-type: none"> 2 nitrogen atoms (blue, 3 holes, trigonal) 2 nitrogen atoms (blue, 2 holes, angular) >1 sulfur atom (yellow, 4 holes, tetrahedral) >1 sulfur atom (yellow, 6 holes, octahedral) > 4 halogen atoms (green, 1 hole) >1 phosphorus atom (purple, 4 holes, tetrahedral) >1 metal atom (gray, 1 hole) <p>b. Bonds:</p> <ul style="list-style-type: none"> >26pcs short, rigid 28mm white links >26pcs medium length 28mm white grey links >12pcs long flexible 43 mm grey links (double/triple) <p>Medium links represent single covalent bonds while long links can be used for double and triple covalent bonds.</p>		

		<p>c. Link remover tool/Assembly tool.</p> <p>d. Compartmentalized hard ABS plastic storage box with 4 compartments Plastic box: Length: 280mm Width: 200mm Thickness : 50mm Weight: 1.22-1.32kg</p> <p>5. With contents list in table form, as to:</p> <ol style="list-style-type: none"> For atoms: quantity, name of element(symbol), color code, (number of holes,type of bond angles), diameter of the sphere For links: bond types, color and use <p>6. With assembly guides, individual worksheets and instructional leaflets.</p> <p>7. With Teacher's instruction manual with full background information.</p> <p>8. To construct and visualize three dimensional molecular structures of many organic molecules, and understand molecular formulas.</p> <p>9. Must have a brand.</p> <p>* "Imported products should pass international quality control product standards and have international quality control product markings such as CE, ISO, ASTM, ASQC, AFCIQ, ASQ, DGQ, EOQC, IQA, and the likes, while locally made products (Philippine-made) should pass the local quality control product standards and bear the PS mark." made) should pass the local quality control product standards and bear the PS mark."</p>		
	<p>Sublevel Orbitals of the Atom Models (Quantum Models)</p>	<p>The item shall have the following specifications.</p> <ol style="list-style-type: none"> 12 Models with color-coded components include the following: <ol style="list-style-type: none"> 12 pc 1s Orbitals (K shell) , blue 12 pc 2s Orbitals (L shell), orange 72 pc p Orbitals (24 each of 3 colors; red, yellow and green) 12 pc Bases 12 pc Crossbars (x and z axes), white 128 pc Electrons 12 pc Uprights (y axes) <p>Includes the following:</p> <ol style="list-style-type: none"> With 1 Teacher's Guide 		

		<ol style="list-style-type: none"> 3. With 30 Student Worksheets and Guides, Part I and Part II 4. A quantum numbers information chart is provided on each worksheet, making it easier to assemble the model 5. To easily assemble/construct a spatial three-dimensional model showing the position and number of electrons along the x, y and z axis, as well as the orbitals of the sublevels of the major energy levels 6. Must have a brand. <p>* "Imported products should pass international quality control product standards and have international quality control product markings such as CE, ISO, ASTM, ASQC, AFCIQ, ASQ, DGQ, EOQC, IQA, and the likes, while locally made products (Philippine-made) should pass the local quality control product standards and bear the PS mark." made) should pass the local quality control product standards and bear the PS mark."</p>		
	<p>Sun Internal Structure Model, 1/4 part detachable, 32cm diameter</p>	<p>The item shall have the following specifications:</p> <ol style="list-style-type: none"> 1. Model diameter: minimum of 12 inches. 2. 1/4 part detachable and shows the different layer 3. Must have correct permanent markings of the following parts as follows: <ol style="list-style-type: none"> a. Core b. Radiation Zone c. Convection Zone d. Chromosphere e. Photosphere f. Prominence g. Sunspots 3. The layers of the model should be correctly labelled with permanent markings. 4. Made of Plastic 5. The base stand is made of hard/tough plastic. 6. The removable parts must be intact and not falling. 7. Must be branded <p>* "Imported products should pass international quality control product standards and have international quality control product markings such as CE, ISO, ASTM, ASQC, AFCIQ, ASQ,</p>		

		DGQ, EOQC, IQA, and the likes, while locally made products (Philippine-made) should pass the local quality control product standards and bear the PS mark." made) should pass the local quality control product standards and bear the PS mark."		
	Sun-Earth-Moon Model	<p>The item shall have the following specifications:</p> <ol style="list-style-type: none"> 1. A standard scientific instrument designed to demonstrate Sun-Earth-Moon relationships. Hand-operated gear drive that moves the Earth's and moon in relation to the Sun. Shows the Earth's rotation, revolution, day and night, tilt of its axis, phases and eclipses of the Moon. Supported by a sturdy base and chrome-plated steel parts. 2. Sun's sphere is illuminated with hole to focus a beam of light always to the globe; also indicates the month and phase of the moon in relation to the sun. 3. All spheres (Sun, Earth, Moon) made of plastic; sizes must reflect relative differences of sizes between Sun, Moon, and Earth. Sun's diameter is at least 6 inches. 4. With English User's Manual that includes operation guide and guide on how to replace the bulb in the model. <p>* "Imported products should pass international quality control product standards and have international quality control product markings such as CE, ISO, ASTM, ASQC, AFCIQ, ASQ, DGQ, EOQC, IQA, and the likes, while locally made products (Philippine-made) should pass the local quality control product standards and bear the PS mark." made) should pass the local quality control product standards and bear the PS mark."</p>		
6	Alcohol Burner, glass, 150 ml. Capacity	<p>The item shall have the following specifications.</p> <ol style="list-style-type: none"> 1. Clear, transparent, heavy-walled, bubble-free glass; threaded mouth, Capacity: 150 mL 2. Features a globe shaped body and flat base 3. Wick Holder: Made of nickel-plated steel with tube permanently attached to a threaded base 		

		<ol style="list-style-type: none"> 4. With nickel-plated steel snuff cover/cap 5. Replaceable wick is made of 3/16" braided cotton fiber with a minimum length of 150 mm (\pm 1mm) that is fitted to the wick tube; 6. Height range: 101 mm to 103 mm Width range: 80 mm to 83 mm Empty weight range: 188g to 190g 7. With 6 pcs 3/16" x 7" long replacement wick that perfectly fit the wick tube. 8. For heating activities <p>* "Imported products should pass international quality control product standards and have international quality control product markings such as CE, ISO, ASTM, ASQC, AFCIQ, ASQ, DGQ, EOQC, IQA, and the likes, while locally made products (Philippine-made) should pass the local quality control product standards and bear the PS mark." made) should pass the local quality control product standards and bear the PS mark."</p>		
	<p>Alcohol Thermometer, -20°C to 110°C</p>	<p>The item shall have the following specifications:</p> <ol style="list-style-type: none"> 1. Partial immersion type with immersion line indicator and ring top 2. Precision red alcohol-filled, reinforced bulbs, and with expansion chamber 3. White back with non-roll sleeve 4. Clear and permanent markings; scale never washes out 5. Provided with non-roll plastic case. 6. Continuous alcohol column Range:-20°C to 110°C Division: 1°C Length: 300mm (\pm 1 mm) Accuracy: \pm 1.0° C Diameter: 5.8 mm to 6.2 mm 7. Measures temperature <p>* "Imported products should pass international quality control product standards and have international quality control product markings such as CE, ISO, ASTM, ASQC, AFCIQ, ASQ, DGQ, EOQC, IQA, and the likes, while locally made products (Philippine-made) should pass the local quality control product standards and bear the PS mark." made) should pass the local quality control product standards and bear the PS mark."</p>		

Electrolysis Apparatus, student-type	<p>The item shall have the following specifications.</p> <ol style="list-style-type: none"> 1. Consists of a glass jar: Ø 4.5 inches; Height = 5 inches 2. With two platinum electrodes; 3. With an acid-proof insulating support to hold the apparatus over the jar and with two binding posts (one red, one black). 4. With two spring clips to hold two 150 mm long and 20 mm diameter reusable borosilicate graduated glass test tubes (25 mL) 5. With power source: 220 V -240 V AC input)/ (0-12 V DC output, with switch selector <ol style="list-style-type: none"> a) Comes with two (2) connecting wires (1 red, 1 black) with alligator clips (1 red, 1 black) soldered on one end of each connecting wire with banana plugs (1 red, 1 black) on the other end of each connecting wire Length: 12 inches Type of wire: Stranded Gauge no. 20 6. With 9-volt battery and 1 battery snap 7. With additional two (2) borosilicate reusable graduated glass test tubes (20 mm diameter and 150 mm long); 8. With two rubber stoppers to fit perfectly the 25 mL graduated reusable borosilicate glass test tube 9. Comes complete with a padded storage box to help prevent glass breakage.; 10. With operations manual and assembly guide in English; 11. To demonstrate decomposition of water into its elements 12. Must have a brand. <p>* "Imported products should pass international quality control product standards and have international quality control product markings such as CE, ISO, ASTM, ASQC, AFCIQ, ASQ, DGQ, EOQC, IQA, and the likes, while locally made products (Philippine-made) should pass the local quality control product standards and bear the PS mark." made) should pass the local quality control product standards and bear the PS mark."</p>		
Erlenmeyer Flask, 250 ml., borosilicate	<p>The item shall have the following specifications.</p> <ol style="list-style-type: none"> 1. Borosilicate, bubble-free, clear and transparent glass 		

		<ol style="list-style-type: none"> 2. Capacity: 250 ml \pm5% enameled onto glass. Thickness range: 1.5 mm to 2.0 mm 3. Narrow-mouth neck inside diameter range 26 mm to 28 mm 4. Heavy duty and beaded rim 5. Outside diameter range: 80 to 82mm Height: 130 mm to 132 mm 6. Permanent white graduations, with white enamel marking spot 7. Graduation starts at 50 mL in 25 mL increments 8. Graduation range: 50 mL to 200 mL 9. Must be branded. 10. For storing, mixing of chemical, and heating activities <p>* "Imported products should pass international quality control product standards and have international quality control product markings such as CE, ISO, ASTM, ASQC, AFCIQ, ASQ, DGQ, EOQC, IQA, and the likes, while locally made products (Philippine-made) should pass the local quality control product standards and bear the PS mark." made) should pass the local quality control product standards and bear the PS mark."</p>		
	<p>Evaporating Dish, 75 ml. capacity</p>	<p>The item shall have the following specifications.</p> <ol style="list-style-type: none"> 1. Porcelain; with pouring lip 2. With spout 3. Capacity: 75 mL 4. Rim diameter range: 82 mm to 84 mm Height/Depth range: 32 mm to 34 mm 5. Uniformly glazed inside (except for rim) and partly glazed outside except bottom surface. 6. For heating a substance, to separate mixtures like salt solution and to evaporate solvents in a sample <p>* "Imported products should pass international quality control product standards and have international quality control product markings such as CE, ISO, ASTM, ASQC, AFCIQ, ASQ, DGQ, EOQC, IQA, and the likes, while locally made products (Philippine-made) should pass the local quality control product standards and bear the PS mark." made) should pass the local quality control product standards and bear the PS mark."</p>		

Glass Funnel	The item shall have the following specifications: <ol style="list-style-type: none"> 1. Borosilicate, transparent, bubble-free glass 2. Fluted with beaded edge and fire-polished rim 3. With slanted tip and fire-polished stem 4. Rim inner diameter.: 65 mm to 75 mm Stem length: 65 mm to 75 mm 5. Outside diameter of the stem tube: 8 mm (± 1 mm) 6. Directs the smooth flow of the liquid or fine-grained substances into another container 7. Must be branded. <p>* "Imported products should pass international quality control product standards and have international quality control product markings such as CE, ISO, ASTM, ASQC, AFCIQ, ASQ, DGQ, EOQC, IQA, and the likes, while locally made products (Philippine-made) should pass the local quality control product standards and bear the PS mark." made) should pass the local quality control product standards and bear the PS mark."</p>		
Graduated Cup, 250 ml. capacity, plastic, transparent	The item shall have the following specifications: <ol style="list-style-type: none"> 1. Translucent plastic material 2. With pouring spout, 3. crack resistant in 1meter distance fall. 4. Permanent graduations 5. Capacity:250mL Tolerance: ± 0.05 6. Graduation Interval:10mL Tolerance: ± 0.01 7. Used for field work/ experiment 8. Must be branded. <p>* "Imported products should pass international quality control product standards and have international quality control product markings such as CE, ISO, ASTM, ASQC, AFCIQ, ASQ, DGQ, EOQC, IQA, and the likes, while locally made products (Philippine-made) should pass the local quality control product standards and bear the PS mark." made) should pass the local quality control product standards and bear the PS mark."</p>		

<p>Graduated Pipette, 10 ml., with rubber pipettor</p>	<p>The item shall have the following specifications:</p> <p>Graduated Pipette</p> <ol style="list-style-type: none"> 1. Serological, transfer type, bubble-free borosilicate glass mark TD- To deliver; 2. Clear and transparent and is graduated to tip, zero at top; 3. Color code: Orange; 4. Permanent amber markings which are enameled onto the glass; 5. Top end is constricted; 6. Graduation interval: 0.1mL; 7. Graduation is in descending scale; <p>Rubber Pipettor</p> <ol style="list-style-type: none"> 1. 3-way Safety Bulb-type Pipet Filler, natural rubber, red; 2. With pinch release valves that control air evacuation, liquid uptake, and liquid dispensing; 3. Filler fits standard size pipettes 4. To transfer liquids from one container to the other; 5. Must have a brand. <p>* "Imported products should pass international quality control product standards and have international quality control product markings such as CE, ISO, ASTM, ASQC, AFCIQ, ASQ, DGQ, EOQC, IQA, and the likes, while locally made products (Philippine-made) should pass the local quality control product standards and bear the PS mark." made) should pass the local quality control product standards and bear the PS mark."</p>		
<p>Meterstick, plastic</p>	<p>The item shall have the following specifications.</p> <ol style="list-style-type: none"> 1. <i>Material:</i> Plastic 2. <i>Thickness:</i> 6 mm ± 0.5 mm 3. <i>Width:</i> 24 mm ± 1 mm 4. Length: 1,000 mm 5. The front is scaled in centimeters, numbered in every centimeter with 0.1 cm (or 1 mm) divisions. 6. The back is scaled in inches, numbered in every inch with 1/8 inch divisions. 7. The numbers and division lines are in dark color. 8. Must be straight and flat and free from toxic materials. 		

		<p>9. Edges and Surfaces should be smooth and even</p> <p>10. Comes with plastic jacket.</p> <p>11. Standard abbreviation of the measurement unit/s must be followed.</p> <p>* "Imported products should pass international quality control product standards and have international quality control product markings such as CE, ISO, ASTM, ASQC, AFCIQ, ASQ, DGQ, EOQC, IQA, and the likes, while locally made products (Philippine-made) should pass the local quality control product standards and bear the PS mark." made) should pass the local quality control product standards and bear the PS mark."</p>		
	<p>Mortar and Pestle, porcelain</p>	<p>The item shall have the following specifications.</p> <p>Mortar:</p> <ol style="list-style-type: none"> 1. Porcelain with pouring lip, rough interior and glazed exterior 2. Outside diameter: 130 mm ± 10 mm 3. Thickness range: 8 mm to 12 mm <p>Pestle:</p> <ol style="list-style-type: none"> 1. A heavy bat-shaped porcelain 2. Uniformly glazed on its handle and rough on opposite end 3. Length range: 110 mm to 130 mm <p>For pulverizing, mashing or grinding, and mixing materials in a mortar using a pestle.</p> <p>* "Imported products should pass international quality control product standards and have international quality control product markings such as CE, ISO, ASTM, ASQC, AFCIQ, ASQ, DGQ, EOQC, IQA, and the likes, while locally made products (Philippine-made) should pass the local quality control product standards and bear the PS mark." made) should pass the local quality control product standards and bear the PS mark." * "Imported products should pass international quality control product standards and have international quality control product markings such as</p>		

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Petri Dish		<p>The item shall have the following specifications:</p> <ol style="list-style-type: none"> 1. Borosilicate circular glass with beaded edges; 2. Bubble-free, plain surface, autoclavable 3. Outside Diameter of Cover: 100 mm±2 mm; Outside Diameter of Dish 92 mm ± 2 mm; Overall height with cover (as assembled) = 20 mm ± 2 mm Glass thickness range: 2 mm to 2.2 mm 4. Securely contains specimen under study <p>* "Imported products should pass international quality control product standards and have international quality control product markings such as CE, ISO, ASTM, ASQC, AFCIQ, ASQ, DGQ, EOQC, IQA, and the likes, while locally made products (Philippine-made) should pass the local quality control product standards and bear the PS mark." made) should pass the local quality control product standards and bear the PS mark."</p>		
Spatula, porcelain and glazed		<p>The item shall have the following specifications:</p> <ol style="list-style-type: none"> 1. Porcelain and uniformly glazed 2. With spoon on one end, spatula on the other. 3. Over-all length: 140 mm (± 1 mm) 4. To transfer solids from one container to the other. <p>* "Imported products should pass international quality control product standards and have international quality control product markings such as CE, ISO, ASTM, ASQC, AFCIQ, ASQ, DGQ, EOQC, IQA, and the likes, while locally made products (Philippine-made) should pass the local quality control product standards and bear the PS mark." made) should pass the local</p>		

		quality control product standards and bear the PS mark."		
	Stirring Rod, Ø 6mm x 250mm long	<p>The item shall have the following specifications.</p> <ol style="list-style-type: none"> 1. Stirring Rod, Ø 6 mm x 250 mm long 2. With rounded and fire-polished ends 3. Soda lime, transparent and clear glass 4. For mixing liquids and solids <p>* "Imported products should pass international quality control product standards and have international quality control product markings such as CE, ISO, ASTM, ASQC, AFCIQ, ASQ, DGQ, EOQC, IQA, and the likes, while locally made products (Philippine-made) should pass the local quality control product standards and bear the PS mark." made) should pass the local quality control product standards and bear the PS mark."</p>		
	Test Tube, Ø 16mm x 150mm long	<p>The item shall have the following specifications:</p> <ol style="list-style-type: none"> 1. Thickness range: 1.0 mm to 1.5 mm 2. Borosilicate, bubble-free glass, 20 mL capacity; Ø 16 mm x 150 mm long 3. With white permanent enamel marking spot 4. Fire polished top and beaded rim 5. To hold and can withstand heating small amounts of solids and liquids 6. Must be branded. <p>* "Imported products should pass international quality control product standards and have international quality control product markings such as CE, ISO, ASTM, ASQC, AFCIQ, ASQ, DGQ, EOQC, IQA, and the likes, while locally made products (Philippine-made) should pass the local quality control product standards and bear the PS mark." made) should pass the local quality control product standards and bear the PS mark."</p>		
	Volumetric Flask, 250 mL	<p>The item shall have the following specifications.</p> <ol style="list-style-type: none"> 1. Plastic stopper with octagonal grip; 2. Borosilicate, clear, transparent, and bubble-free glass; 3. Calibrated "to contain" (marked "TC" or "IN"); 		

	<p>4. Capacity: 250 mL Tolerance: ± 0.12 mL, enamelled onto the glass Height: 220-222 mm; Closure size: 14/23;</p> <p>5. With single ground-in graduation line, circular white;</p> <p>6. For precise dilutions and preparations of standard solutions for 250 mL capacity;</p> <p>7. Must have a brand.</p> <p>* "Imported products should pass international quality control product standards and have international quality control product markings such as CE, ISO, ASTM, ASQC, AFCIQ, ASQ, DGQ, EOQC, IQA, and the likes, while locally made products (Philippine-made) should pass the local quality control product standards and bear the PS mark." made) should pass the local quality control product standards and bear the PS mark."</p>		
Wash Bottle, plastic, 250 ml.	<p>The item shall have the following specifications:</p> <ol style="list-style-type: none"> Made of translucent, plastic material; Screw-type closure with its angled stem and draw tube molded in one piece; Easy squeeze dispensing; no leaks 250 mL capacity Used to store and dispense water for diluting solutions, washing precipitates and rinsing glasswares <p>* "Imported products should pass international quality control product standards and have international quality control product markings such as CE, ISO, ASTM, ASQC, AFCIQ, ASQ, DGQ, EOQC, IQA, and the likes, while locally made products (Philippine-made) should pass the local quality control product standards and bear the PS mark." made) should pass the local quality control product standards and bear the PS mark."</p>		
Watch Glass	<p>The item shall have the following specifications.</p> <ol style="list-style-type: none"> Borosilicate, concave shape, clear and bubble-free glass Fire-polished edges Thickness range: 1.5 mm to 2 mm Diameter: 90 mm \pm 1 mm To contain liquids and solids Used to cover glasswares like beakers, to evaporate solvents in a 		

		<p>sample and to hold/contain liquids and solids for heating.</p> <p>* "Imported products should pass international quality control product standards and have international quality control product markings such as CE, ISO, ASTM, ASQC, AFCIQ, ASQ, DGQ, EOQC, IQA, and the likes, while locally made products (Philippine-made) should pass the local quality control product standards and bear the PS mark." made) should pass the local quality control product standards and bear the PS mark."</p>		
	Glass Tubing, Ø 6mm x Ø 4mm x 1220mm long	<p>The item shall have the following specifications:</p> <ol style="list-style-type: none"> 1. Glass Tubing, Ø 6 mm x Ø 4 mm x 1220 mm long (±1 mm); 2. Soda lime glass; 3. With fire polished ends; 4. To connect other pieces of equipment to a gas or liquid assembly <p>* "Imported products should pass international quality control product standards and have international quality control product markings such as CE, ISO, ASTM, ASQC, AFCIQ, ASQ, DGQ, EOQC, IQA, and the likes, while locally made products (Philippine-made) should pass the local quality control product standards and bear the PS mark." made) should pass the local quality control product standards and bear the PS mark."</p>		
	Plastic Round Canister, 500 mL	<p>The item shall have the following specifications:</p> <ol style="list-style-type: none"> 1. Made of clear, plastic body 2. Screw neck/ twist-on lids. 3. Opening diameter range: 120 mm-200 mm Body height: 95 mm - 100mm 4. Body thickness range: 1 mm -2.0 mm 5. Label written the word " Soil Sample" (2 inches X 5 inches) 6. Function: stores soil samples 		
	Beral Pipette Dropper, 1 ml Capacity	<p>The item shall have the following specifications:</p>		

		<ol style="list-style-type: none"> 1. In plastic material with graduation, 1 mL capacity in 0.25mL grad interval; 2. Non-toxic, durable type; 3. Easy to clean and convenient 4. No rubber head 5. Total length: 140mm ± 1 mm 6. Non-wetting so the pipets are easily rinsed and reused; 7. With molded graduations 8. To hold/transfer/dispense liquids up to 1 mL capacity <p>* "Imported products should pass international quality control product standards and have international quality control product markings such as CE, ISO, ASTM, ASQC, AFCIQ, ASQ, DGQ, EOQC, IQA, and the likes, while locally made products (Philippine-made) should pass the local quality control product standards and bear the PS mark." made) should pass the local quality control product standards and bear the PS mark."</p>		
7	Copper Sulfate, CuSO ₄ , 100 grams / bottle	<p>The item shall have the following specifications:</p> <ol style="list-style-type: none"> 1. blue odorless crystalline solid, 100 g/bottle. 2. All chemicals should be in original packaging, properly labeled with full chemical name, chemical formula, the name and address of the manufacturer, with appropriate hazard warning, with manufacturing and expiry date, chemical assay, and other useful information regarding the product. Expiration should be at least two years after pre-delivery inspection. 3. Must be accompanied with MSDS (Material Safety Data Sheet); 4. Must be in original packaging or in HDPE threaded chemical seal pack bottles 5. Must be accompanied with Certificate of Analysis 6. Must have a BRAND. 		
	Hydrochloric Acid, HCl, laboratory grade, 500ml / bottle	<p>The item shall have the following specifications.</p> <ol style="list-style-type: none"> 1. clear, colorless or slightly yellow liquid with pungent odor. Concentration: 6M, 37 % HCl; 500 mL/bottle; 2. chemicals should be in original packaging properly labeled with full 		

		<p>chemical name, chemical formula, the name and address of the manufacturer, with appropriate hazard warning, with manufacturing and expiry date, chemical assay, and other useful information regarding the product. Expiration should be at least two years after pre-delivery inspection.</p> <ol style="list-style-type: none"> 3. Must be accompanied with MSDS (Material Safety Data Sheet); 4. Must be in original packaging or in HDPE threaded chemical seal pack bottles 5. Must be accompanied with Certificate of Analysis 6. Must have a BRAND. 		
	Hydrochloric Acid, HCl, technical grade, 500 ml / bottle	<p>The item shall have the following specifications.</p> <ol style="list-style-type: none"> 1. clear, colorless or slightly yellow liquid with pungent odor;500 mL/bottle.; 2. All chemicals should be in original packaging, properly labeled with full chemical name, chemical formula, the name and address of the manufacturer, with appropriate hazard warning, with manufacturing and expiry date, chemical assay, and other useful information regarding the product. Expiration should be at least two years after pre-delivery inspection. 3. Must be accompanied with MSDS (Material Safety Data Sheet); 4. Must be in original packaging or in HDPE threaded chemical seal pack bottles 5. Must be accompanied with Certificate of Analysis 6. Must have a BRAND. 		
	Magnesium Ribbon, 25 grams/roll (60 to 75 feet long)	<p>The item shall have the following specifications.</p> <ol style="list-style-type: none"> 1. silvery-gray metal, 25g/roll (60-75 feet long); (2 rolls); 2. chemicals should be in original packaging properly labeled with full chemical name, chemical formula, the name and address of the manufacturer, with appropriate hazard warning, with manufacturing and expiry date, chemical assay, and other useful information regarding the product. Expiration should be at least two years after pre-delivery inspection. 		

		<ol style="list-style-type: none"> 3. Must be accompanied with MSDS (Material Safety Data Sheet); 4. Must be in original packaging or in HDPE threaded chemical seal pack bottles 5. Must be accompanied with Certificate of Analysis 6. Must have a BRAND. 		
	Manganese Dioxide, 50 grams / bottle	<p>The item shall have the following specifications.</p> <ol style="list-style-type: none"> 1. Brown-black solid/ blackish or brown solid; 50 grams/bottle; 2. chemicals should be in original packaging Properly labeled with full chemical name, chemical formula, the name and address of the manufacturer, with appropriate hazard warning, with manufacturing and expiry date, chemical assay, and other useful information regarding the product. Expiration should be at least two years after pre-delivery inspection. 3. Must be accompanied with MSDS (Material Safety Data Sheet); 4. Must be in original packaging or in HDPE threaded chemical seal pack bottles 5. Must be accompanied with Certificate of Analysis 6. Must have a BRAND. 		
	Phenolphthalein Indicator, 100 grams / bottle	<p>The item shall have the following specifications.</p> <ol style="list-style-type: none"> 1. Odorless white to cream powder; 100 grams/bottle; 2. chemicals should be in original packaging, properly labeled with full chemical name, chemical formula, the name and address of the manufacturer, with appropriate hazard warning, with manufacturing and expiry date, chemical assay, and other useful information regarding the product. Expiration should be at least two years after pre-delivery inspection. 3. Must be accompanied with MSDS (Material Safety Data Sheet); 4. Must be in original packaging or in HDPE threaded chemical seal pack bottles 5. Must be accompanied with Certificate of Analysis 6. Must have a BRAND. 		

	Potassium Chloride, 100 grams / bottle	<p>The item shall have the following specifications.</p> <ol style="list-style-type: none"> 1. white crystalline solid, 100 g/bottle; 2. chemicals should be in original packaging Properly labeled with full chemical name, chemical formula, the name and address of the manufacturer, with appropriate hazard warning, with manufacturing and expiry date, chemical assay, and other useful information regarding the product. Expiration should be at least two years after pre-delivery inspection. 3. Must be accompanied with MSDS (Material Safety Data Sheet); 4. Must be in original packaging or in HDPE threaded chemical seal pack bottles 5. Must be accompanied with Certificate of Analysis 6. Must have a BRAND. 		
	Potassium Iodide, 100 grams / bottle	<p>The item shall have the following specifications.</p> <ol style="list-style-type: none"> 1. white granules and crystals;100 grams/bottle; 2. chemicals should be in original packaging Properly labeled with full chemical name, chemical formula, the name and address of the manufacturer, with appropriate hazard warning, with manufacturing and expiry date, chemical assay, and other useful information regarding the product. Expiration should be at least two years after pre-delivery inspection. 3. Must be accompanied with MSDS (Material Safety Data Sheet); 4. Must be in original packaging or in HDPE threaded chemical seal pack bottles 5. Must be accompanied with Certificate of Analysis 6. Must be branded. 		
	Sodium Hydroxide (Lye), 250 grams / bottle	<p>The item shall have the following specifications.</p> <ol style="list-style-type: none"> 1. odorless white semi-transparent solid; 250 grams/bottle; 2. chemicals should be in original packaging, properly labeled with full chemical name, chemical formula, the name and address of the manufacturer, with appropriate 		

		<p>hazard warning, with manufacturing and expiry date, chemical assay, and other useful information regarding the product. Expiration should be at least two years after pre-delivery inspection.</p> <ol style="list-style-type: none"> 3. Must be accompanied with MSDS (Material Safety Data Sheet); 4. Must be in original packaging or in HDPE threaded chemical seal pack bottles 5. Must be accompanied with Certificate of Analysis 6. Must be branded. 		
	Sulfur Powder, 100 grams / bottle	<p>The item shall have the following specifications.</p> <ol style="list-style-type: none"> 1. fine yellow crystalline powder, with a faint odor and taste; 2. chemicals should be in original packaging, properly labeled with full chemical name, chemical formula, the name and address of the manufacturer, with appropriate hazard warning, with manufacturing and expiry date, chemical assay, and other useful information regarding the product. Expiration should be at least two years after pre-delivery inspection. 3. Must be accompanied with MSDS (Material Safety Data Sheet); 4. Must be in original packaging or in HDPE threaded chemical seal pack bottles 5. Must be accompanied with Certificate of Analysis 6. Must be branded. 		
	Sulfuric Acid, technical grade, 500 ml / bottle	<p>The item shall have the following specifications.</p> <ol style="list-style-type: none"> 1. colorless, clear to hazy, odorless, oily looking liquid. 500 mL/bottle; 2. chemicals should be in original packaging, properly labeled with full chemical name, chemical formula, the name and address of the manufacturer, with appropriate hazard warning, with manufacturing and expiry date, chemical assay, and other useful information regarding the product. Expiration should be at least two years after pre-delivery inspection. 3. Must be accompanied with MSDS (Material Safety Data Sheet); 		

		<ol style="list-style-type: none"> 4. Must be in original packaging or in HDPE threaded chemical seal pack bottles 5. Must be accompanied with Certificate of Analysis 6. Must have a BRAND. 		
	Zinc Chloride, 100 grams / bottle	<p>The item shall have the following specifications.</p> <ol style="list-style-type: none"> 1. white powder, crystals or granules; 100 grams/bottle; 2. chemicals should be in original packaging properly labeled with full chemical name, chemical formula, the name and address of the manufacturer, with appropriate hazard warning, with manufacturing and expiry date, chemical assay, and other useful information regarding the product. Expiration should be at least two years after pre-delivery inspection. 3. Must be accompanied with MSDS (Material Safety Data Sheet); 4. Must be in original packaging or in HDPE threaded chemical seal pack bottles 5. Must be accompanied with Certificate of Analysis 6. Must be branded. 		
	Baking Soda (NaHCO ₃), 200 grams/bottle	<p>The item shall have the following specifications:</p> <ol style="list-style-type: none"> 1. Baking Soda, (NaHCO₃), 200 grams/bottle 2. Must be accompanied with Material Safety Data Sheet 3. Used as indicator of soil pH 4. Must be branded <p>Note:</p> <p>All chemicals should be in original packaging properly labeled with full chemical name, chemical formula, the name and address of the manufacturer, with appropriate hazard warning, with manufacturing and expiry date, chemical assay, and other useful information regarding the product. Expiration should be at least two years after pre-delivery inspection.</p> <p>HDPE signifies a “resin identification code” imprinted in the container as coded.</p>		

				
	Boric Acid, 100 grams/bottle	<p>The item shall have the following specifications:</p> <ol style="list-style-type: none"> 1. colorless or white odorless crystalline solid; 100 grams/bottle 		

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 Bid² N°: _____

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:³

Name and address of agent	Amount and Currency	Purpose of Commission or gratuity
_____	_____	_____
_____	_____	_____
_____	_____	_____

(if none, state "None")

² *If ADB, JICA and WB funded projects, use IFB.*

³ *Applicable only if the Funding Source is the ADB, JICA or WB.*

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

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

We certify/confirm that we comply with the eligibility requirements 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 Abroad

Name of Bidder _____, Invitation to Bid⁴ Number ____. Page ____ of _____.

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

[signature]

[in the capacity of]

Duly authorized to sign Bid for and on behalf of _____

⁴ If ADB, JICA and WB funded projects, use IFB.

For Goods Offered From Within the Philippines

Name of Bidder _____, Invitation to Bid⁵ 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 _____

⁵ 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.

Bank Guarantee Form for Advance Payment

To: *[name and address of PROCURING ENTITY]*
[name of Contract]

Gentlemen and/or Ladies:

In accordance with the payment provision included in the Special Conditions of Contract, which amends Clause 10 of the General Conditions of Contract to provide for advance payment, *[name and address of Supplier]* (hereinafter called the "Supplier") shall deposit with the PROCURING ENTITY a bank guarantee to guarantee its proper and faithful performance under the said Clause of the Contract in an amount of *[amount of guarantee in figures and words]*.

We, the *[bank or financial institution]*, as instructed by the Supplier, agree unconditionally and irrevocably to guarantee as primary obligator and not as surety merely, the payment to the PROCURING ENTITY on its first demand without whatsoever right of objection on our part and without its first claim to the Supplier, in the amount not exceeding *[amount of guarantee in figures and words]*.

We further agree that no change or addition to or other modification of the terms of the Contract to be performed thereunder or of any of the Contract documents which may be made between the PROCURING ENTITY and the Supplier, shall in any way release us from any liability under this guarantee, and we hereby waive notice of any such change, addition, or modification.

This guarantee shall remain valid and in full effect from the date of the advance payment received by the Supplier under the Contract until *[date]*.

Yours truly,

Signature and seal of the Guarantors

[name of bank or financial institution]

[address]

[date]

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/We⁶, 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.

⁶ 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 _____

Section IX. Foreign-Assisted Projects

Notes on Foreign-Assisted Projects

This Section is intended to assist the Procuring Entity in providing the specific information for foreign-assisted projects of the Asian Development Bank (ADB), the Japan International Cooperation Agency (JICA), and the World Bank.

- (a) If the Funding Source is ADB, the Procuring Entity should use the ADB Bid Data Sheet and the ADB Special Conditions of Contract.
- (b) If the Funding Source is JICA, the Procuring Entity should use Section III. Bid Data Sheet and Section V. Special Conditions of Contract, both of the GOP.
- (c) If the Funding Source is World Bank, the Procuring Entity should use the World Bank Bid Data Sheet and the World Bank Special Conditions of Contract of the GOP.

The Procuring Entity shall use these PBDs with minimum changes as necessary to address project-specific conditions. Any such changes shall be introduced only through the Bid Data Sheet or through the Special Conditions of Contract, and not by introducing changes in the standard wording of the Instructions to Bidders and the General Conditions of Contract.

The Procuring Entity shall allow the Bidders sufficient time to study the Bidding Documents, prepare and complete responsive bids, and submit their bids. A period of at least twenty (20) days for bid preparation shall be required.

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) 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 Sections 21.2.1 (c) of the IRR of R.A. 9184;
- (b) 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, from the time the Invitation to Bid is advertised until the deadline for the submission and receipt of bids; and
- (c) Posted at any conspicuous place reserved for this purpose in the premises of the Procuring Entity concerned from the time the Invitation to Bid is advertised until the deadline for the submission and receipt of bids, as certified by the head of the Bids and Awards Committee (BAC) Secretariat of the Procuring Entity concerned.

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; and
- (d) Any important bid evaluation criteria.

The Invitation to Bid should be incorporated into 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.

Notes on the Bid Data Sheet

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

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

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

Notes on the Special Conditions of the Contract

Similar to the Section III. Bid Data Sheet, 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 procured. In preparing this Section, the following aspects should be checked:

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

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

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Invitation to Bid for Foreign-Assisted Projects

[Letterhead of the Procuring Entity] **INVITATION TO BID FOR *[Insert name of Project]***

1. The Government of the Philippines (GOP) *[has received/has applied for/intends to apply for]* a *[Loan/Grant]* from the *[state the foreign government/foreign or international financing institution, (e.g. Asian Development Bank, Japan International Cooperative Agency, or World Bank)]* toward the cost of *[insert name of project]*, and it intends to apply part of the proceeds of this *[Loan/Grant]* to payments under the contract for *[insert name/no. of contract]*.

Select this for lot-procurement:

The Government of the Philippines (GOP) *[has received/has applied for/intends to apply for]* a *[Loan/Grant]* from the *[state the foreign government/foreign or international financing institution, (e.g. Asian Development Bank, Japan International Cooperative Agency, or World Bank)]* toward the cost of *[insert name of project]*, and it intends to apply part of the proceeds of this *[Loan/Grant]* to payments under the contract for *[insert name/no. of contract]* for Lot *[insert number and identification of lot]*.

2. The *[insert name of Procuring Entity]* now invites bids for *[insert brief description of Goods to be procured]*.⁷ Delivery of the Goods is required *[insert the required delivery date or expected contract duration]*. Bidders should have completed, within *[insert relevant period]* 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 Sub-section 5, Section II. Instructions to Bidders and the corresponding *{[insert Asian Development Bank or World Bank, as appropriate]}* Bid Data Sheet.
3. Bidding will be conducted in accordance with relevant procedures for open competitive bidding as specified in the Implementing Rules and Regulations (IRR) of Republic Act (RA) 9184, otherwise known as the “Government Procurement Reform Act”, with some amendments, as stated in these Bidding Documents and is open to all Bidders from eligible source countries as defined in the applicable procurement guidelines of the *[state the foreign government/foreign or international financing institution concerned (e.g. Asian Development Bank, Japan International Cooperation Agency, or World Bank)]*. The contract shall be awarded to the Lowest Calculated Responsive Bidder (LCRB) who was determined as such during post-qualification. The approved budget for the contract (ABC) *{in case of lot-procurement, insert: “for Lot [insert number and identification]”}* is *[insert here the amount of the ABC]*.

[If ADB-funded project, ABC may be published, but it shall not be stated or implied that bid prices may not exceed ABC.]

⁷ 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.

4. Interested bidders may obtain further information from *[insert name of the Procuring Entity]* and inspect the Bidding Documents at the address given below during *[insert office hours]*.
5. A complete set of Bidding Documents may be acquired by interested Bidders on *[insert date of availability of Bidding Documents]* from the address below *{[Insert if necessary: and upon payment of the applicable fee for the Bidding Documents, pursuant to the latest Guidelines issued by the GPPB⁸, in the amount of [insert amount in Pesos]. Note: For lot procurement, the maximum fee for the Bidding Documents for each lot shall be based on its ABC, in accordance with the Guidelines issues by the GPPB; provided that the total fees for the Bidding Documents of all lots shall not exceed the maximum fee prescribed in the Guidelines for the sum of the ABC of all lots.}*

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

6. The *[insert name of the Procuring Entity]* will hold a Pre-Bid Conference⁹ on *[insert time and date]* at *[insert address for Pre-Bid Conference, if applicable]*, which shall be open to prospective bidders.
7. Bids must be duly received by the BAC Secretariat at the address below on or before *[insert time and date]*. All Bids must be accompanied by a bid security in the amount of _____ in *[insert the acceptable form]*.

Bid opening shall be on *[insert time and date]* at *[insert address for Bid opening]*. 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. *[Insert such other necessary information deemed relevant by the Procuring Entity]*
9. The *[insert name of the Procuring Entity]* reserves the right to accept or reject any bid, to annul the bidding process, and to reject all bids 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.
10. For further information, please refer to:

[Insert name of officer]

⁸ For ADB-funded projects, the cost of bidding documents must be nominal, and may not be in accordance with the Guidelines issued by the GPPB. As such, the text “, pursuant to the latest Guidelines issued by the GPPB,” shall be deleted.

⁹ May be deleted in case the ABC is less than One Million Pesos (PhP 1,000,000.00) where the Procuring Entity may not hold a pre-bid conference.

[Insert name of office]
[Insert postal address] and/or [Insert street address]
[Insert telephone number, indicate city code]
[Insert contact's email address]
[Insert facsimile number]
[Insert website address, if applicable]

*[Insert Name and Signature of the BAC
Chairperson or the Authorized
Representative of the BAC Chairperson]*

Asian Development Bank Bid Data Sheet

ITB Clause	
1.1	The Procuring Entity is <i>[insert name of Procuring Entity]</i>
1.2	The lot(s) and reference is/are: <i>[insert name]</i>
2	<p>The Funding Source is the Asian Development Bank (ADB) through <i>[indicate the Loan/Grant/Financing No.]</i> in the amount of <i>[insert amount of funds]</i>.</p> <p>The name of the Project is: <i>[Insert the name of the project]</i></p> <p>Payments by the Foreign Funding Source will be made only at the request of the Procuring Entity and upon approval by the Funding Source in accordance with the terms and conditions of Loan <i>{[or Grant, or Financing]}</i> Agreement No. _____ (hereinafter called the "Financing Agreement"), and will be subject in all respect to the terms and conditions of that Financing Agreement and the applicable law. No party other than the Procuring Entity shall derive any rights from the Financing Agreement or have any claim to the funds.</p>

3.1

ADB's Anticorruption Policy requires Borrowers (including beneficiaries of ADB-financed activity), as well as Bidders, Suppliers, and Contractors under ADB-financed contracts, observe the highest standard of ethics during the procurement and execution of such contracts. In pursuance of this policy, ADB

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

(i) "corrupt practice" means the offering, giving, receiving, or soliciting, directly or indirectly, anything of value to influence improperly the actions of another party;

(ii) "fraudulent practice" means any act or omission, including a misrepresentation, that knowingly or recklessly misleads, or attempts to mislead, a party to obtain a financial or other benefit or to avoid an obligation;

(iii) "coercive practice" means impairing or harming, or threatening to impair or harm, directly or indirectly, any party or the property of the party to influence improperly the actions of a party;

(iv) "collusive practice" means an arrangement between two or more parties designed to achieve an improper purpose, including influencing improperly the actions of another party;

(v) "obstructive practice" means (a) deliberately destroying, falsifying, altering, or concealing of evidence material to an ADB investigation; (b) making false statements to investigators in order to materially impede an ADB investigation; (c) failing to comply with requests to provide information, documents or records in connection with an Office of Anticorruption and Integrity (OAI) investigation; (d) threatening, harassing, or intimidating any party to prevent it from disclosing its knowledge of matters relevant to the investigation or from pursuing the investigation; or (e) materially impeding ADB's contractual rights of audit or access to information; and

(vi) "integrity violation" is any act which violates ADB's Anticorruption Policy, including (i) to (v) above and the following: abuse, conflict of interest, violations of ADB sanctions, retaliation against whistleblowers or

	<p>witnesses, and other violations of ADB's Anticorruption Policy, including failure to adhere to the highest ethical standard.</p> <p>(b) will reject a proposal for award if it determines that the Bidder recommended for award has, directly or through an agent, engaged in corrupt, fraudulent, collusive, coercive, or obstructive practices or other integrity violations in competing for the Contract;</p> <p>(c) will cancel the portion of the financing allocated to a contract if it determines at any time that representatives of the borrower or of a beneficiary of ADB-financing engaged in corrupt, fraudulent, collusive, coercive, or obstructive practices or other integrity violations during the procurement or the execution of that contract, without the borrower having taken timely and appropriate action satisfactory to ADB to remedy the situation;</p> <p>(d) will impose remedial actions on a firm or an individual, at any time, in accordance with ADB's Anticorruption Policy and Integrity Principles and Guidelines (both as amended from time to time), including declaring ineligible, either indefinitely or for a stated period of time, to participate in ADB-financed, administered, or supported activities or to benefit from an ADB-financed, administered, or supported contract, financially or otherwise, if it at any time determines that the firm or individual has, directly or through an agent, engaged in corrupt, fraudulent, collusive, coercive, or obstructive practices or other integrity violations; and</p> <p>(e) will have the right to require that a provision be included in bidding documents and in contracts financed by ADB, requiring Bidders, suppliers and contractors to permit ADB or its representative to inspect their accounts and records and other documents relating to the bid submission and contract performance and to have them audited by auditors appointed by ADB.</p>
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5.1	<p>Eligible Bidders are as described in ADB Procurement Guidelines as stated in the Financing Agreement and as described on Asian Development Bank’s web page www.adb.org.</p> <p>An Eligible Bidder shall be deemed to have the nationality of a country if it is a citizen or constituted or incorporated, and operates in conformity with the provisions of the laws of that country.</p>
5.2	<p>Eligible Bidders are as described in ADB Procurement Guidelines as stated in the Financing Agreement and as described on Asian Development Bank’s web page www.adb.org.</p>
5.4	<p>Instruction is the same as the GOP Bid Data Sheet</p>
7	<p>Eligible goods and services shall have their origin in eligible source countries as described in ADB Procurement Guidelines as stated in the Financing Agreement and as described on Asian Development Bank’s web page www.adb.org.</p> <p>For the purpose of this Clause, origin means the country where the goods have been grown in, mined, cultivated, produced, manufactured, or processed; or through manufacture, processing, or assembly, another commercially recognized article results that differs substantially in its basic characteristics from its imported components.</p>
8.1	<p>Instruction is the same as the GOP Bid Data Sheet</p>
8.2	<p>Instruction is the same as the GOP Bid Data Sheet</p>
9.1	<p>Instruction is the same as the GOP Bid Data Sheet</p>
10.1	<p>Instruction is the same as the GOP Bid Data Sheet</p>

12.1	<p>The first envelope shall contain the following eligibility and technical documents:</p> <p>a. Eligibility Requirements</p> <ul style="list-style-type: none"> i. Registration Certification of the Company; ii. List and copy of relevant contracts that comply to the experience requirement as specified in ITB Clause 5.4; iii. Audited financial statement for the past two years; iv. Committed Line of Credit from a universal or commercial bank, in accordance with ITB Clause 5.5 v. In case of Joint Venture, the JV Agreement, if existing, or a signed Statement from the partner companies that they will enter into a JV in case of award of contract; <p>b. Technical Documents</p> <ul style="list-style-type: none"> vi. Bid Security or Bid Securing Declaration as required in the ITB 18; vii. Conformity with the technical specifications, as enumerated and specified in Sections VI and VII of the Bidding Documents; viii. Sworn statement in accordance with Section 25.3 of the IRR of RA 9184 and using the form prescribed in Section VIII. Bidding Forms. <p>Foreign bidders may submit the equivalent documents, if any, issued by the country of the foreign bidder.</p>
12.1(a)(ii)	Instruction is the same as the GOP Bid Data Sheet
13.1	Instruction is the same as the GOP Bid Data Sheet
13.1(b)	Domestic preference is not applicable
13.1(c)	Instruction is the same as the GOP Bid Data Sheet
13.2	ABC does not apply as ceiling for bid prices
15.4(a)(iv)	Instruction is the same as the GOP Bid Data Sheet
15.4(b)	Instruction is the same as the GOP Bid Data Sheet
16.1(b)	Instruction is the same as the GOP Bid Data Sheet

16.3	Instruction is the same as the GOP Bid Data Sheet
17.1	Instruction is the same as the GOP Bid Data Sheet
18.1	Instruction is the same as the GOP Bid Data Sheet
18.2	Instruction is the same as the GOP Bid Data Sheet
20.3	Instruction is the same as the GOP Bid Data Sheet
21	Instruction is the same as the GOP Bid Data Sheet
24.1	<p>The BAC shall open the bids in public on <i>September 2, 2019, 9:00 A.M.</i> at <i>Bulwagan ng Karunungan, Ground Floor, Rizal Building, Department of Education Complex, Meralco Avenue, Pasig City.</i></p> <p>The time for the bid opening shall be the same as the deadline for receipt of bids or promptly thereafter. Rescheduling the date of the opening of bids shall not be considered except for force majeure, such as natural calamities. In rescheduling the opening of bids, the BAC shall issue a Notice of Postponement to be posted at the PhilGEPS and the procuring entity's websites.</p>
24.2	During Bid opening, if the first envelope lacks any of the documents listed in the ADB BDS 12.1, the bid shall be declared non-responsive but the documents shall be kept by the Procuring Entity. Only the unopened second envelope shall be returned to the Bidder.
24.3	The BAC shall immediately open the financial proposals in the second envelope of the responsive bids. The bid price shall be read and recorded.
27.1	Domestic preference is not applicable
28.3(a)	Instruction is the same as the GOP Bid Data Sheet
28.3(b)	Instruction is the same as the GOP Bid Data Sheet
28.4	ABC does not apply as ceiling for bid prices
29.2	Instruction is the same as the GOP Bid Data Sheet
32.4(f)	Instruction is the same as the GOP Bid Data Sheet

Asian Development Bank Special Conditions of Contract

The ADB adopts the provisions of the Special Conditions of Contract of the GOP as contained in the Harmonized Philippine Bidding Documents dated _____, except GCC Clause 1.1(j) (Funding Source) and GCC Clause 2.1 (Corrupt, Fraudulent, Collusive, and Coercive Practices) which shall read as follows:

SCC Clause	
1.1(j)	The Funding Source is the Asian Development Bank (ADB) through <i>[indicate the Loan/Grant/Financing No.]</i> in the amount of <i>[insert amount of funds]</i> .

2.1

ADB's Anticorruption Policy requires Borrowers (including beneficiaries of ADB-financed activity), as well as Bidders, Suppliers, and Contractors under ADB-financed contracts, observe the highest standard of ethics during the procurement and execution of such contracts. In pursuance of this policy, ADB

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

(i) "corrupt practice" means the offering, giving, receiving, or soliciting, directly or indirectly, anything of value to influence improperly the actions of another party;

(ii) "fraudulent practice" means any act or omission, including a misrepresentation, that knowingly or recklessly misleads, or attempts to mislead, a party to obtain a financial or other benefit or to avoid an obligation;

(iii) "coercive practice" means impairing or harming, or threatening to impair or harm, directly or indirectly, any party or the property of the party to influence improperly the actions of a party;

(iv) "collusive practice" means an arrangement between two or more parties designed to achieve an improper purpose, including influencing improperly the actions of another party;

(v) "obstructive practice" means (a) deliberately destroying, falsifying, altering, or concealing of evidence material to an ADB investigation; (b) making false statements to investigators in order to materially impede an ADB investigation; (c) failing to comply with requests to provide information, documents or records in connection with an Office of Anticorruption and Integrity (OAI) investigation; (d) threatening, harassing, or intimidating any party to prevent it from disclosing its knowledge of matters relevant to the investigation or from pursuing the investigation; or (e) materially impeding ADB's contractual rights of audit or access to information; and

(vi) "integrity violation" is any act which violates ADB's Anticorruption Policy, including (i) to (v) above and the following: abuse, conflict of interest, violations of ADB sanctions, retaliation against whistleblowers or witnesses, and other violations of ADB's Anticorruption Policy, including failure to adhere to the highest ethical standard.

(b) will reject a proposal for award if it determines that the Bidder recommended for award has, directly or through an agent, engaged in corrupt, fraudulent, collusive, coercive, or obstructive practices or other integrity violations in competing for the Contract;

(c) will cancel the portion of the financing allocated to a contract if it determines at any time that representatives of the borrower or of a beneficiary of ADB-financing engaged in corrupt, fraudulent, collusive, coercive, or obstructive practices or other integrity violations during the procurement or the execution of that contract, without the borrower having taken timely and appropriate action satisfactory to ADB to remedy the situation; and

(d) will impose remedial actions on a firm or an individual, at any time, in accordance with ADB's Anticorruption Policy and Integrity Principles and Guidelines (both as amended from time to time), including declaring ineligible, either indefinitely or for a stated period of time, to participate in ADB-financed, administered, or supported activities or to benefit from an ADB-financed, administered, or supported contract, financially or otherwise, if it at any time determines that the firm or individual has, directly or through an agent, engaged in corrupt, fraudulent, collusive, coercive, or obstructive practices or other integrity violations.

World Bank Bid Data Sheet

ITB Clause	
1.1	The Procuring Entity is <i>[insert name of purchasing organization]</i>
1.2	The lot(s) and reference is/are: <i>[insert name]</i>
2	The Funding Source is the World Bank through <i>[indicate the Loan/Grant No.]</i> in the amount of <i>[insert amount of funds]</i> . The name of the Project is: <i>[Insert the name of the project]</i>
3.1	The World Bank Guidelines on Anti-Corruption, as stated in the Loan Agreement and as annexed to the World Bank Standard Conditions of Contract, shall be adopted.
5.1	No further instruction.
5.2	The Loan/Grant Agreement provides that procurement shall follow the Bank's Procurement Guidelines and Section 1.8 thereof permits the participation of firm from all countries except for those mentioned in Section 1.10 thereof.”.
5.4	Instruction is the same as the GOP Bid Data Sheet
7	Instruction is the same as the GOP Bid Data Sheet
8.1	Instruction is the same as the GOP Bid Data Sheet
8.2	Instruction is the same as the GOP Bid Data Sheet
9.1	Instruction is the same as the GOP Bid Data Sheet
10.1	Instruction is the same as the GOP Bid Data Sheet

12.1	<p>During Bid opening, if the first bid envelope lacks any of the following documents, the bid shall be declared non-responsive.</p> <p>The first envelope shall contain the following eligibility and technical documents:</p> <p>a. Eligibility Requirements</p> <ul style="list-style-type: none"> i. Registration Certification of the Company; ii. List of relevant contracts that comply to experience requirement as specified in ITB Clause 5.4; iii. Audited financial statement for the past 2 years; iv. Line of Credit from a universal or commercial bank, in accordance with ITB Clause 5.5; v. In case of Joint Venture, the JV Agreement, if existing, or a signed Statement from the partner companies that they will enter into a JV in case of award of contract. <p>b. Technical Document</p> <ul style="list-style-type: none"> v. Bid Security or bid securing declaration as required in ITB 18; vi. Conformity with the technical specifications, as enumerated and specified in Sections VI and VII of the Bidding Documents; vii. Sworn statement in accordance with Section 25.3 of the IRR of RA 9184 and using the form prescribed in Section VIII. Bidding Forms. <p>Foreign bidders may submit the equivalent documents, if any, issued by the country of the foreign bidder.</p>
12.1(a)(ii)	Instruction is the same as the GOP Bid Data Sheet
13.1	Instruction is the same as the GOP Bid Data Sheet
13.1(b)	Domestic preference is not applicable.

13.2	<p>ABC does not generally apply as a ceiling for bid prices.</p> <p>However, subject to prior concurrence of the World Bank, a ceiling may be applied to bid prices provided the following conditions are met:</p> <ul style="list-style-type: none"> a) 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. b) The procuring entity has procedures in place to ensure that the ABC is based on recent estimates made by the engineer or the responsible unit of the procuring entity and that the estimates are based on adequate detailed engineering (in the case of works) and 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. c) The procuring entity has trained cost estimators on estimating prices and analyzing bid variances. In the case of infrastructure projects, the procuring entity must also have trained quantity surveyors. d) The procuring entity has established a system to monitor and report bid prices relative to ABC and engineer's/procuring entity's estimate. e) 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.
15.4(a)(iv)	Instruction is the same as the GOP Bid Data Sheet
15.4(b)	Instruction is the same as the GOP Bid Data Sheet
16.1(b)	Instruction is the same as the GOP Bid Data Sheet
16.3	Instruction is the same as the GOP Bid Data Sheet
17.1	Instruction is the same as the GOP Bid Data Sheet
18.1	Instruction is the same as the GOP Bid Data Sheet
18.2	Instruction is the same as the GOP Bid Data Sheet
20.3	Instruction is the same as the GOP Bid Data Sheet

21	Instruction is the same as the GOP Bid Data Sheet
24.1	<p>The BAC shall open the bids in public on <i>September 2, 2019, 9:00 A.M.</i> at <i>Bulwagan ng Karunungan,, Ground Floor, Rizal Building, Department of Education, Meralco Avenue, Pasig City.</i></p> <p>The time for the bid opening shall be the same as the deadline for receipt of bids or promptly thereafter. Rescheduling the date of the opening of bids shall not be considered except for force majeure, such as natural calamities. In rescheduling the opening of bids, the BAC shall issue a Notice of Postponement to be posted at the PhilGEPS and the procuring entity's websites.</p>
24.2	During Bid opening, if the first envelope lacks any of the documents listed in World Bank BDS 12.1, the bid shall be declared non-responsive but the documents shall be kept by the Procuring Entity.
24.3	The financial proposals in the second envelope of all the bidders shall be read for record purposes. The first and second envelopes shall not be returned to the bidders.
27.1	No domestic preference is applicable.
28.3(a)	Instruction is the same as the GOP Bid Data Sheet
28.3(b)	Instruction is the same as the GOP Bid Data Sheet
28.4	<i>Follow Clause ITB No. 13.2 on whether ABC as a price ceiling will apply.</i>
29.2	Instruction is the same as the GOP Bid Data Sheet
32.4(f)	Instruction is the same as the GOP Bid Data Sheet

World Bank Special Conditions of Contract

The World Bank adopts the provisions of the Special Conditions of Contract of the GOP as contained in the Harmonized Philippine Bidding Documents dated _____, except GCC Clause 2.1 (Corrupt, Fraudulent, Collusive, and Coercive Practices) which shall read as follows:

SCC Clause	
1.1(j)	The World Bank is the Funding Source through Loan Agreement No. _____
1.1(k)	Instruction is the same as the GOP SCC
2.1	Adopted is Guidelines on Preventing and Combating Fraud and Corruption in Projects Financed by IBRD Loans and IDA Credits and Grants dated October 15, 2006 and Revised in January 2011, that is Annex to the SCC.
6.2	Instruction is the same as the GOP SCC
10.4	Instruction is the same as the GOP SCC
10.5	Instruction is the same as the GOP SCC
11.3	Instruction is the same as the GOP SCC
13.4(c)	Instruction is the same as the GOP SCC
16.1	Instruction is the same as the GOP SCC
17.3	Instruction is the same as the GOP SCC
17.4	Instruction is the same as the GOP SCC
21.1	Instruction is the same as the GOP SCC

