

UNIVERSITY OF THE PHILIPPINES VISAYAS BIDS AND AWARDS COMMITTEE New Administration Building, Miag-ao Campus Telefax: (033) – 315-98-58/315-81-41 E-mail Address: upvbac@yahoo.com

INVITATION TO BID / REQUEST FOR EXPRESSION OF INTEREST 2021 – 003

The UNIVERSITY OF THE PHILIPPINES VISAYAS, through its Bids and Awards Committee (BAC), invites qualified Suppliers/Contractors to bid **on a PER LOT basis** for the hereunder project:

ITEM	DESCRIPTION	LOCATION	TOTAL APPROVED BUDGET	BIDDING FEE	Delivery / Completion Period
1.	Supply of Various Laboratory Equipment for IFPT, RRC, and IA	UP Visayas Miag-ao Iloilo Campus	Php 10,825,850.00	Php 10,000.00	Sixty (60) calendar days

The BAC will use non-discretionary pass/fail criteria in the Eligibility Check/Screening as well as the Preliminary Examination of Bids and conduct post-qualification of the lowest calculated bid using the criteria set forth on the bidding documents. All particulars relative to Eligibility Statement and Screening, Bid Security, Performance Security, Evaluation of Bids, Post- Qualification and Award of Contract shall be governed by the pertinent provisions of RA 9184 and its Implementing Rules and Regulations (IRR), as amended.

A complete set of Bidding Documents may be acquired by interested bidders staring **05 March 2021**, **8:30 a.m. – 4:00 p.m., Bids and Awards Committee Secretariat, SPSO, UPV, Iloilo City Campus** and upon payment of a nonrefundable fee in the amount stated above. It may be also downloaded free of charge from the website of the PHILGEPS, PROVIDED that bidders **shall pay** the applicable fee for the Bidding Documents not later the schedule of submission and opening of bids.

Pre-bid Conference	Submission / Opening of Bids
12 MARCH 2021	25 MARCH 2021
10:00 AM	10:00 AM
Room 16 & 17 New CM Bldg.	Room 16 & 17 New CM Bldg.
UP Visayas, Iloilo City Campus	UP Visayas, Iloilo City Campus

Request for clarification/s on any part of the bidding documents or for an interpretation must be in writing and submitted to the BAC Secretariat at least Ten (10) calendar days before the deadline set for the submission and receipt of bids.

Late Bids shall not be accepted.

The **University of the Philippines Visayas (UPV)** reserves the right to reject any or all bids, declare a failure of bidding, without offering any reason, waive any defect therein and make an27 award to the bidder whose proposal is most advantageous to the University. The University likewise, assumes no obligation for whatever losses that may incurred by the bidders in the preparation of the bids nor does it guarantee that the award shall be made.

Inquiries may be forwarded to:

PROF. FREDIEZEL G. DE LEON Bids and Awards Committee Secretariat Supply and Property Services Office UPVisayas, Iloilo City Telefax No. (033) 315-9858; (033) 315-81-41 (033) 315-9632 loc. 180 / 247 (033) 336-55-64 (Iloilo City Office) E-mail: upvbac@yahoo.com

DR. ENCARNACION EMILIA S. YAP Chair, Bids and Awards Committee

Date of Posting: ______ /UPV-BAC/beth/Inv_2021-003

Notes on the Instructions to Bidders

This section of the Bidding Documents provides the information necessary for Bidders to prepare responsive bids, in accordance with the requirements of the Procuring Entity. It also provides information on bid submission, opening, evaluation, and award of contract.

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

Matters governing performance of the Bidder, payments, or those affecting the risks, rights, and obligations of the parties under the contract are not normally included in this section, but rather under Section IV General Conditions of the Contract. If duplication of a subject is inevitable in the other sections of the document prepared by the Procuring Entity, care must be exercised to avoid contradictions between clauses dealing with the same matter.

A. General

1. Scope of Bid

- 1.1 The procuring entity named in the <u>BDS</u> (hereinafter referred to as the "Procuring Entity") wishes to receive bids for supply and delivery of the goods as described in Section VII. Technical Specifications (hereinafter referred to as the "Goods").
- 1.2 The name, identification, and number of lots specific to this bidding are provided in the <u>BDS</u>. The contracting strategy and basis of evaluation of lots is described in ITB Clause 0.

2. Source of Funds

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

3. Corrupt, Fraudulent, Collusive, and Coercive Practices

- 3.1 Unless otherwise specified in the <u>BDS</u>, 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 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
 - deliberatelv destrovina. falsifving. altering (aa) or concealing of evidence material to an administrative proceedings or investigation or making false statements to investigators in order to materially administrative proceedings impede an 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 supplier or contractor 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 (f) 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. This will include a firm or an organization 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;
 - (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; or
 - (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.
- 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, 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; and
 - (d) If the Bidder is a joint venture (JV), the provisions of items (a), (b), or (c) 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 <u>BDS</u>, 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 of which at least sixty percent (60%) belongs to citizens of the Philippines; and
- (e) Unless otherwise provided in the <u>BDS</u>, persons/entities forming themselves into a 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 joint venture 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 <u>BDS</u>:
 - (a) When a Treaty or International or Executive Agreement as provided in Section 4 of the RA 9184 and its IRR allow foreign bidders to participate;
 - (b) Citizens, corporations, or associations of a country, included in the list issued by the GPPB, the laws or regulations of which grant reciprocal rights or privileges to citizens, corporations, or associations of the Philippines;
 - (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 corporate entities 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 dependent agencies of the GOP or the Procuring Entity.
- 5.4 Unless otherwise provided in the <u>BDS</u>, the Bidder must have completed at least one contract similar to the Project the value of which, adjusted to current prices using the National Statistics Office consumer price index, must be at least equivalent to a percentage of the ABC stated in the <u>BDS</u>.

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

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) (K)] 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.

Where:

K = 10 for a contract duration of one year or less, 15 for a contract duration of more than one year up to two years, and 20 for a contract duration of more than two years.

The value of the bidder's current assets and current liabilities shall be based on the data submitted to the BIR, through its Electronic Filing and Payment System (EFPS)

6. Bidder's Responsibilities

- 6.1 The Bidder or its duly authorized representative shall submit a 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:
 - (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; and
 - (d) having complied with its responsibility to inquire or secure Supplemental/Bid Bulletin(s) as provided under **ITB** Clause10.3.
 - (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 Head of the Procuring Entity 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;
- Complying with the disclosure provision under Section 47 of RA 9184 in relation to other provisions of RA 3019; and

(j) Complying with existing labor laws and standards, in the case of procurement of services.

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.
- 6.6 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.
- 6.7 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.
- 6.8 The Bidder should note that the Procuring Entity will accept bids only from those that have paid the nonrefundable fee for the Bidding Documents at the office indicated in the Invitation to Bid.

7. Origin of Goods

Unless otherwise indicated in the <u>BDS</u>, 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 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 the Project.
- 8.2 Subcontractors must comply with the eligibility criteria and the documentary requirements 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 <u>BDS</u>, 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. 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 <u>BDS</u>.

- 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 discussed during the pre-bid conference.
- 9.3 Any statement made at the pre-bid conference shall not modify the terms of the Bidding Documents unless such statement is specifically identified in writing as an amendment thereto and issued as a Supplemental/Bid Bulletin.

10. Clarification and Amendment of Bidding Documents

10.1 Bidders who have purchased the Bidding Documents may request for clarifications on any part of the Bidding Documents for an interpretation. Such a request must be in writing and submitted to the Procuring Entity at the address indicated in the <u>BDS</u> at least ten (10) calendar days before the deadline set for the submission and receipt of bids.

- 10.2 Supplemental/Bid Bulletins may 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.
- 10.3 Any Supplemental/Bid Bulletin issued by the BAC shall also be posted on the Philippine Government Electronic Procurement System (PhilGEPS) and the website of the Procuring Entity concerned, if available. It shall be the responsibility of all Bidders who secure 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 Bid

The bid, as well as all correspondence and documents relating to the bid exchanged by the Bidder and the Procuring Entity, shall be written in English. Supporting documents and printed literature furnished by the Bidder may be in another language provided they are accompanied by an accurate translation in English certified by the appropriate embassy or consulate in the Philippines, in which case 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 <u>BDS</u>, the first envelope shall contain the following eligibility and technical documents:
 - (a) Eligibility Documents –

Class "A" Documents:

- Registration certificate from the Securities and Exchange Commission (SEC), Department of Trade and Industry (DTI) for sole proprietorship, or Cooperative Development Authority (CDA) for cooperatives, or any proof of such registration as stated in the <u>BDS</u>;
- (ii) Mayor's permit issued by the city or municipality where the principal place of business of the prospective bidder is located.
- (iii) Statement of all its ongoing and completed government and private contracts within the period stated in the <u>BDS</u>, including contracts awarded but not yet started, if any. The statement shall include, for each contract, the following:

(iii.1) name of the contract;

- (iii.2) date of the contract;
- (iii.3) kinds of Goods;
- (iii.4) amount of contract and value of outstanding contracts;
- (iii.5) date of delivery; and
- (iii.6) end user's acceptance or official receipt(s) issued for the contract, if completed.
- (iv) Audited financial statements, stamped "received" by the Bureau of Internal Revenue (BIR) or its duly accredited and authorized institutions, for the preceding calendar year, which should not be earlier than two (2) years from bid submission;
- (v) NFCC computation in accordance with ITB Clause 5.5; and
- (vi) Tax Clearance Certificate

Class "B" Document:

- (vii) If applicable, the JVA in case the joint venture is already in existence, or duly notarized statements from all the potential joint venture partners stating that they will enter into and abide by the provisions of the JVA in the instance that the bid is successful.
- (b) Technical Documents -
 - (i) The 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;
 - Sworn statement in accordance with Section 25.2(a)(iv) of the IRR of RA 9184 and using the form prescribed in Section VIII, Bidding Forms.

13. Documents Comprising the Bid: Financial Component

13.1 Unless otherwise stated in the <u>BDS</u>, the financial component of the bid shall contain the following:

- (a) Financial Bid Form, which includes bid prices and the bill of quantities 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 or Domestic Entity, a certification from the DTI, SEC, or CDA 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 <u>BDS</u>.
- 13.2 (a) Unless otherwise stated in the <u>BDS</u>, all Bids that exceed the ABC shall not be accepted.

(b) Unless otherwise indicated in the <u>BDS</u>, for foreign-funded procurement, a ceiling may be applied to bid prices provided the following conditions are met:

- 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 system to monitor and report bid prices relative to ABC and procuring entity's estimate. 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

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.

15. Bid Prices

- 15.1 The Bidder shall complete the appropriate Price Schedules 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 Bill of Quantities. Bids not addressing or providing all of the required items in the Bidding Documents including, where applicable, Bill of Quantities, 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 "0" (zero) for the said item would mean that it is being offered for free to the Government.
- 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), including all customs duties and sales and other taxes already paid or payable:
 - (i.1) on the components and raw material used in the manufacture or assembly of Goods quoted ex works or ex factory; or
 - (i.2) on the previously imported Goods of foreign origin quoted ex warehouse, ex showroom, or off-the-shelf and any Procuring Entity country sales and other taxes which will be payable on the Goods if the contract is awarded.
 - (ii) The price for inland transportation, insurance, and other local costs incidental to delivery of the Goods to their final destination.
 - (iii) The price of other (incidental) services, if any, listed in the <u>BDS</u>.
 - (b) For Goods offered from abroad:
 - (i) Unless otherwise stated in the <u>BDS</u>, the price of the Goods shall be quoted DDP with the place of destination in the Philippines as specified in the <u>BDS</u>. 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.
- 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**.

All bid prices shall be considered as fixed prices, and therefore not subject to price escalation during contract implementation, except under extraordinary circumstances. Extraordinary circumstances refer to events that may be determined by the National Economic and Development Authority in accordance with the Civil Code of the Philippines, and upon the recommendation of the Procuring Entity. 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 <u>BDS</u>. However, for purposes of bid evaluation, bids denominated in foreign currencies shall be converted to Philippine currency based on the exchange rate as published in the BSP reference rate bulletin on the day of the bid opening.
- 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 <u>BDS</u>, 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 <u>BDS</u> 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, at least, the extension of the bid validity period.

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 bid security in the amount stated in the <u>BDS</u> shall be equal to the percentage of the ABC in accordance with the following schedule:

Form of Bid Security	Amount of Bid Security (Equal to Percentage of the ABC)
Cash or cashier's/manager's check, issued by a Universal or Commercial Bank;	
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.	Two percent (2%)
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%)
Any combination of items (a) to (c) above.	Proportionate to share of form with respect to total amount of security
Bid Securing Declaration	No Percentage Required

For biddings conducted by LGUs, the Bidder may also submit bid securities in the form of cashier's/manager's check, bank draft/guarantee, or irrevocable letter of credit from other banks certified by the BSP as authorized to issue such financial statement.

The Bid Securing Declaration mentioned above is an understanding 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, from receipt of the Notice of Award, and committing to pay the corresponding 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 <u>BDS</u>. 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 motion for reconsideration and/or protest. Without prejudice on its forfeiture, bid securities shall be returned only after the bidder with the Lowest Calculated and Responsive Bid 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** Clause18.2.
- 18.6 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;
 - does not accept the correction of errors pursuant to ITB Clause 28.3(b);
 - (iii) fails to submit the requirements within the prescribed period or a finding against their veracity as stated in **ITB** Clause 29.2;
 - (iv) submission of eligibility requirements containing false information or falsified documents;
 - 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 Lowest Calculated and Responsive Bid;
 - (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 postqualification 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

- (xi) 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 Bid

- 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.
- 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 the event of any discrepancy between the original and the copies, the original shall prevail.
- 19.4 The bid, except for unamended printed literature, shall be signed, and each and every page thereof shall be initialed, by the duly authorized representative/s of the Bidder.
- 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 <u>BDS</u> shall be typed or written in indelible 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 If bids are not sealed and marked as required, the Procuring Entity will assume no responsibility for the misplacement or premature opening of the bid.

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 <u>BDS</u>.

22. Late Bids

Any bid submitted after the deadline for submission and receipt of bids prescribed by the Procuring Entity, pursuant to **ITB** shall be declared "Late" and shall not be accepted by the Procuring Entity.

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, properly identified, 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.

- 23.3 Bids requested to be withdrawn in accordance with **ITB** Clause 23.1 shall be returned unopened to the Bidders. A Bidder may also express its intention not to participate in the bidding through a letter which should reach and be stamped by the BAC before the deadline for submission and receipt of bids. A Bidder that withdraws its bid shall not be permitted to submit another bid, directly or indirectly, for the same contract.
- 23.4 No bid may be modified after the deadline for submission of bids. No bid may be withdrawn in the interval between the deadline for submission of bids and the expiration of the period of bid validity specified by the Bidder on the Financial Bid Form. Withdrawal of a bid during this interval shall result in the forfeiture of the Bidder's bid security, pursuant to ITB Clause 18.5, and the imposition of administrative, civil and criminal sanctions as prescribed by R.A. 9184 and its IRR.

24. Opening and Preliminary Examination of Bids

- 24.1 The BAC shall open the first bid envelopes of Bidders in public as specified in the <u>BDS</u> to determine each Bidder's compliance with the documents prescribed in **ITB** Clause 12. For this purpose, the BAC shall check the submitted documents of each bidder against a checklist of required documents to ascertain if they are all present, 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".
- 24.2 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
- 24.3 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. If the withdrawing Bidder's representative is in attendance, the original bid and all copies thereof shall be returned to the representative during the bid opening. If the representative is not in attendance, the bid shall be returned unopened by registered mail. The Bidder may withdraw its bid prior to the deadline for the submission and receipt of bids, provided that the corresponding Letter of Withdrawal contains a valid authorization requesting for such withdrawal, subject to appropriate administrative sanctions.
- 24.4 If a Bidder has previously secured a certification from the Procuring Entity to the effect that it has previously submitted the above-enumerated Class

"A" Documents, the said certification may be submitted in lieu of the requirements enumerated in **ITB** Clause 12.1 (a), items (i) to (v).

- 24.5 In the case of an eligible foreign Bidder as described in **ITB** Clause 5, the Class "A" Documents described in **ITB** Clause 12.1(a) may be substituted with the appropriate equivalent documents, if any, issued by the country of the Bidder concerned.
- 24.6 Each partner of a joint venture agreement shall likewise submit the requirements in **ITB** Clauses12.1(a)(i) and 12.1(a)(ii). Submission of documents required under **ITB** Clauses12.1(a)(iii) to 12.1(a)(v) by any of the joint venture partners constitutes compliance.
- 24.7 Decision of the procuring entity at any stage of procurement process may be questioned in accordance with Section 55 of the revised Implementing Rules and Regulations of Republic Act 9184..
- 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, bid security, findings of preliminary examination; and (b) attendance sheet. The BAC members shall sign the abstract of bids as read.

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 <u>BDS</u>, 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 (i) the lowest Foreign Bid is lower than the lowest bid offered by a Domestic Bidder, or (ii) the

lowest bid offered by a non-Philippine national is lower than the lowest bid offered by a Domestic Entity.

- (b) For evaluation purposes, the lowest Foreign Bid or the bid offered by a non-Philippine national shall be increased by fifteen percent (15%).
- (c) In the event that (i) the lowest bid offered by a Domestic Entity does not exceed the lowest Foreign Bid as increased, or (ii) the lowest bid offered by a non-Philippine national as increased, then the Procuring Entity shall award the contract to the Domestic Bidder/Entity at the amount of the lowest Foreign Bid or the bid offered by a non-Philippine national, as the case may be.
- (d) If the Domestic Entity/Bidder refuses to accept the award of contract at the amount of the Foreign Bid or bid offered by a non-Philippine national 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 or the non-Philippine national, as the case may be, 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 Entity subject to the certification from the DTI (in case of sole proprietorships), SEC (in case of partnerships and corporations), or CDA (in case of cooperatives) that the (a) sole proprietor is a citizen of the Philippines or the partnership, corporation, cooperative, or association is duly organized under the laws of the Philippines with at least seventy five percent (75%) of its interest or outstanding capital stock belonging to citizens of the Philippines, (b) habitually established in business and habitually engaged in the manufacture or sale of the merchandise covered by his bid, and (c) the business has been in existence for at least five (5) consecutive years prior to the advertisement and/or posting of the Invitation to Bid for this Project.
- 27.3 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. Unless otherwise specified in the <u>BDS</u>, the BAC shall consider the following in the evaluation of bids:
 - (a) <u>Completeness of the bid.</u> Unless the ITB specifically allows partial bids, bids not addressing or providing all of the required items in the Schedule of Requirements including, where applicable, bill of quantities, 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 "0" (zero) for the said item would mean that it is being offered for free to the Procuring Entity; and
 - (b) <u>Arithmetical corrections.</u> Consider computational errors and omissions to enable proper comparison of all eligible bids. It may also consider bid modifications, if allowed in the <u>BDS</u>. 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 only be based on the bid price quoted in the Financial Bid Form..
- 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..

29. Post-Qualification

- 29.1 The Procuring Entity 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 three (3) calendar days from receipt by the bidder of the notice from the BAC that it is the Lowest Calculated Bid, the Bidder shall submit the following documentary requirements:

- (a) Latest income and business tax returns in the form specified in the <u>BDS</u>
- (b) Certificate of PhilGEPS Registration; and
- (c) Other appropriate licenses and permits required by law and stated in the <u>BDS</u>.

Failure of the Bidder declared as Lowest Calculated Bid to duly submit the requirements under this Clause or a finding against the veracity of such shall be ground for forfeiture of the bid security and disqualification of the Bidder for award.

- 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.
- 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 Lowest Calculated Responsive Bid, and recommend to the Head of the Procuring Entity 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 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 Lowest Calculated Responsive Bid is determined for contract award.
- 29.6 Within a period not exceeding seven (7) calendar days from the date of receipt of the recommendation of the BAC, the Head of the Procuring Entity shall approve or disapprove the said recommendation. In the case of GOCCs and GFIs, the period provided herein shall be fifteen (15) calendar days.

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 Government 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 head of the procuring entity;
 - (ii) If the project is no longer necessary as determined by the head of the procuring entity; 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 postqualification; or
 - (d) The bidder with the Lowest Calculated Responsive Bid refuses, without justifiable cause to accept the award of contract, and no award is made.

F. Award of Contract

31. Contract Award

31.1 Subject to **ITB** Clause 29, the Procuring Entity shall award the contract to the Bidder whose bid has been determined to be the Lowest Calculated Responsive Bid.

- 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 received 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 Lowest Calculated Responsive Bid 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 valid JVA, if applicable, within ten (10) calendar days from receipt by the Bidder of the notice from the BAC that the Bidder has the Lowest Calculated and Responsive Bid;
 - (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.
- 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 and 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;
 - (d) Performance Security;
 - (e) Credit line in accordance with ITB Clause 5.5, if applicable;
 - (f) Notice of Award of Contract; and

(g) 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 equal to the percentage of the total contract price in accordance with the following schedule:

Form of Performance Security	Amount of Performance Security (Equal to Percentage of the Total Contract Price)
Cash or cashier's/manager's check issued by a Universal or Commercial Bank;	
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	Five percent (5%)
Surety bond callable upon demand issued by a surety or insurance company duly certified by the Insurance Commission as authorized to issue such security; and/or	Thirty percent (30%)
Any combination of the foregoing.	Proportionate to share of form with respect to total amount of security

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 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 contract award. However if no Bidder passed post-qualification, the BAC shall declare the bidding a failure and conduct a rebidding with re-advertisement.

34 Notice to Proceed

- 34.1 Within three (3) calendar days from the date of approval of the contract by the appropriate government approving authority, the Procuring Entity shall issue its Notice to Proceed to the Bidder.
- 34.2 The contract effectivity date shall be provided in the Notice to Proceed by the Procuring Entity, which date shall not be later than seven (7) calendar days from the issuance of the Notice to Proceed.



BID DATA SHEET (BDS)

ITB CLAUSE		
1.1	The PROCURING ENTITY is: UNIVERSITY OF THE PHILIPPINES VISAYAS (UNIVERSITY)	
1.2	The lot(s) and reference is/are:	
	Invitation To Bid	
2.0	The Funding Source is: UPV Reprogrammed Funds (RRC), CHED Reimbursement (IA and IFPT)	
	The name of the Project is: Supply of Various Laboratory Equipment for IFPT, RRC, and IA	
3.1 to 3.3	No further instructions	
4.1 to 4.2	No further instructions	
5.1 to 5.4	No further instructions	
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) (K)] 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.	
	Where: $K = 10$ for a contract duration of one year or less, 15 for a contract duration of more than one year up to two years, and 20 for a contract duration of more than two years.	
	The values of the bidder's current assets and current liabilities shall be based on the data submitted to the BIR, through its Electronic Filing and Payment System (EFPS).	
6.1 to 6.8	No further instructions.	
7.0	No further instructions	
8.1 & 8.3	Sub-contracting is not allowed	
9.1	No further instructions	
9.2 to 9.3	No further instructions	

10.1	The PROCURING ENTITY'S address is:
	University of the Philippines Visayas UP Visayas, Iloilo City
	Tel. No.: (033) 315-98-58/ 315-81-41; (033) 315-96-32 local 180 / 247(Miag-ao)
	(033) 336-55-63 / 336-55-64 (Iloilo) E-mail Address: upvbac@yahoo.com
	DR. ENCARNACION EMILIA S. YAP
	Chair, Bids and Awards Committee
10.2 to 10.3	No further instructions
11	No further instructions
12.1	See checklist for Eligibility and Technical Requirements
13.1 (c)	See checklist for Financial Requirements
13.2 (a) & (b)	The total ABC is: P10,825,850.00
	Any Bid with a total financial proposal exceeding this amount shall not be accepted.
14	No further instructions
15.1 to 15.3	No further instructions
15.4(a)(iii)	For place of destination please refer to the Schedule of Requirements
15.4(b)(i)&(ii)	No further instructions.
15.5	Bid Prices:
	Bid prices shall be fixed. Adjustable price proposals shall be treated as
	non-responsive and shall be rejected.
16.1(b)	The bid prices that will be supplied from outside of the Philippines shall be quoted in Philippine Peso.
16.3	Not applicable
17.1	Bid Validity:
	Bids shall remain valid until one hundred twenty (120) calendar days.

18.1	 Bid Security Bid Security shall be in any of the following : a) Cashier's / manager's check issued by a Universal or Commercial Bank = 2% of ABC in the amount of: P 216,517.00 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 = 2% of ABC in the amount of: P 216,517.00 c) Bid Securing Declaration NOTE: CASH AND SURETY BOND ARE NOT ACCEPTABLE 	
	All checks must be payable to : "U.P. VISAYAS"	
18.2	Bid Security Validity	
	Bids Security will be valid until one hundred twenty (120) calendar days from the date of the opening of bids.	
18.2 to 18.6	No further instructions	
19	No further instructions	
20.1 to 20.4	Sealing and Marking of Bids	
	Bidders shall submit the following:	
	Envelope 1 – shall contain eligibility and technical component marked original copy- TECHNICAL, copy 1- TECHNICAL and copy 2 - TECHNICAL. It should be sealed and marked Eligibility and Technical Component	
	Envelope 2 – shall contain financial component marked original copy - FINANCIAL, copy 1 - FINANCIAL and copy 2 - FINANCIAL. It should be sealed and marked Financial Component	
	Envelope 1 and Envelope 2 must be sealed in another outer envelope for submission.	
	 All folders and 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 identified in 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 10:00 AM 25 MARCH 2021 the date and time for the opening of bids, in accordance with ITB Clause 21. 	

21.	The Address for Submission of Bids is:	
	Room 16 & 17 New CM Bldg. UPVisayas Iloilo City Campus	
	The time and date of Opening of Bids is:	
	25 MARCH 2021 10:00 AM	
22.	Late bids are not accepted.	
23.1 to 23.4	No further instructions	
24.1	The place of Bid opening is:	
	Room 16 & 17 New CM Bldg. UPVisayas Iloilo City Campus	
	The time and date of Opening of Bids is:	
	25 MARCH 2021 10:00 AM	
24.2	No further instructions.	
24.3 to 24.8	No further instructions.	
25	No further instructions	
26	No further instructions	
27.1 to 27.3	No further instructions	
28.1 to 28.6	No further instructions	
29.1	No further instructions	
29.2(a) & (c)	No further instructions	
29.3 to 29.6	No further instructions	
30.1 to 30.3	No further instructions	
31.1 to 31.4	No further instructions	
32.1 to 32.4	No further instructions	
33.1 to 33.3	No further instructions	
34.2	Notice to Proceed/Award: The effective date of the Contract is upon receipt of the Notice of Award and Purchase Order	

Section IV. General Conditions of Contract

Notes on the General Conditions of Contract

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

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

.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 <u>SCC</u>.
- (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 <u>SCC</u>.
- (j) Funding Source" means the organization named in the <u>SCC</u>.
- (k) "The Project Site," where applicable, means the place or places named in the <u>SCC</u>.
- (l) "Day" means calendar day.
- (m) The "Effective Date" of the contract will be the date of receipt by the Supplier of the Notice to Proceed or the date provided in the Notice to Proceed. Performance of all obligations shall be reckoned from the Effective Date of the Contract.
- (n) "Verified Report" refers to the report submitted by the Implementing Unit to the Head of the Procuring Entity 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 <u>SCC</u>, 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 <u>SCC</u>, 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 <u>SCC</u> 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 <u>SCC</u>.

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 Subcontractors disclosed and identified during the bidding may be changed during the implementation of this Contract, subject to compliance with the required qualifications and the approval of the Procuring Entity.

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**.

10. Payment

- 10.1 Payments shall be made only upon a certification by the Head of the Procuring Entity 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

<u>SCC</u> 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.
- 10.4 Unless otherwise specified in the <u>SCC</u>, the currency in which payment is made to the Supplier under this Contract shall be in Philippine Pesos.

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 For Goods supplied from abroad, 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 <u>SCC</u> 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 <u>SCC</u> provision on Delivery and Documents
- 11.3 All progress payments shall first be charged against the advance payment until the latter has been fully exhausted

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 final Certificate of 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 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 <u>SCC</u> and 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, tests and 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 design and/or material 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 <u>SCC</u>. The obligation for the warranty shall be covered by, at the Supplier's option, either retention money in an amount equivalent to at least ten percent

(10%) of the final payment, or a special bank guarantee equivalent to at least ten percent (10%) of the Contract Price or other such amount if so specified in the <u>SCC</u>. The said amounts shall only be released after the lapse of the warranty period specified in the <u>SCC</u>; 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 <u>SCC</u> and with all reasonable speed, repair or replace the defective Goods or parts thereof, without costs to the Procuring Entity.
- 17.5 If the Supplier, having been notified, fails to remedy the defect(s) within the period specified in the <u>GCC</u> 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 the 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**, if the Supplier fails to satisfactorily deliver any or all of the Goods and/or to perform the Services within the period(s) specified in this Contract inclusive of duly granted time extensions if any, the Procuring Entity shall, without prejudice to its other remedies under this Contract and under the applicable law, deduct from the Contract Price, as liquidated damages, the applicable rate of one tenth (1/10) of one (1) percent of the cost of the unperformed portion for every day of delay until actual delivery or performance. The maximum deduction shall be ten percent (10%) of the amount of contract. Once the maximum is reached, the Procuring Entity shall rescind the Contract

pursuant to GCC, 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 <u>SCC</u>.
- 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 Contractor 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 Contractor. Such events may include, but not limited to, acts of the Procuring Entity in its sovereign capacity, wars or revolutions, fires, floods, epidemics, quarantine restrictions, and freight embargoes.
- 22.3 If a *force majeure* situation arises, the Supplier shall promptly notify the Procuring Entity in writing of such condition and the cause thereof. Unless otherwise directed by the Procuring Entity in writing, the Supplier shall continue to perform its obligations under the Contract as far as is reasonably practical, and shall seek all reasonable alternative means for performance not prevented by the *force majeure*.

23. Termination for Default

- 23.1 The Procuring Entity shall terminate this Contract for default when any of the following conditions attends its implementation:
 - (a) Outside of *force majeure*, the Supplier fails to deliver or perform any or all of the Goods within the period(s) specified in the contract, or within any extension thereof granted by the Procuring Entity pursuant to a request made by the Supplier prior to the delay, and such failure amounts to at least ten percent (10%) of the contact price;
 - (b) As a result of *force majeure*, the Supplier is unable to deliver or perform any or all of the Goods, amounting to at least ten percent (10%) of the contract price, for a period of not less than sixty (60) calendar days after receipt of the notice from the Procuring Entity stating that the circumstance of force majeure is deemed to have ceased; or
 - (c) The Supplier fails to perform any other obligation under the Contract.
- 23.2 In the event the Procuring Entity terminates this Contract in whole or in part, for any of the reasons provided under GCC Clauses 23 to 26, the Procuring Entity may procure, upon such terms and in such manner as it deems appropriate, Goods or Services similar to those undelivered, and the Supplier shall be liable to the Procuring Entity for any excess costs for such similar Goods or Services. However, the Supplier shall continue performance of this Contract to the extent not terminated.
- 23.2.1 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 Head of the Procuring Entity 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:
 - 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 Head of the Procuring Entity shall terminate this Contract only by a written notice to the Supplier conveying the termination of this Contract. The notice shall state:
 - 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 Head of the Procuring Entity 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 Head of the Procuring Entity shall issue an order terminating this Contract;
 - (e) The Procuring Entity may, at anytime before receipt of the Supplier's verified position paper to 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 Head of the Procuring Entity 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 Head of the Procuring Entity 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 Head of the Procuring Entity; 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.



SPECIAL CONDITIONS OF CONTRACT (SCC) (GOODS)

GCC Clause	
1.1.(g)	The PROCURING ENTITY is: UNIVERSITY OF THE PHILIPPINES VISAYAS
1.1.(I)	The Supplier is:
1.1.(j)	The Funding Source:
	TRUST FUND
1.1.(k)	As specified in the Schedule of Requirements
2.1	No further instructions.
3	No further instructions
4.2 to 4.2	No further instructions
5.1 to 5.2	The University's address for Notices is:
	University of the Philippines Visayas BAC Office, Main Building
	UP Visayas, Iloilo City Tel. No.: (033) 336-55-64 / 336-55-63 E-mail Address: upvbac@yahoo.com DR. ENCARNACION EMILIA S. YAP Chair, Bids and Awards Committee
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 foreign Suppliers, state "The delivery terms applicable to the Contract is DDP delivered at the U.P. Visayas, Miag-ao Campus. In accordance with INCOTERMS."
	For domestic Suppliers, state "The delivery term applicable to this Contract is to be delivered at the U.P. Visayas, Miag-ao Campus.
	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 or by domestic	suppliers:
Upon delivery of the GOODS, the Supplier shall notify the U following documents to the Supply & Property Services Office Campus:	
Original copy of the Supplier's invoice showing GOODS' descripti and the total amount Original Supplier's factory inspection report; Original copy of the Manufacturer's and/or Supplier's warranty ce Certificate of Acceptance/Inspection Report signed by the Univer the Project Site	rtificate;
Sub-contracting is not allowed.	
No further instructions	
No further instructions	
No further instructions	
No advance payment is allowed.	
No further instructions	
Form of Performance Security	
Cash or Cashier's/Manager's Check issued by a Univers Commercial Bank	al or Five Percent (5%)
Bank draft/guaranteed or Irrevocable letter of credit issue a Universal or Commercial Bank: Provided, however, th shall be confirmed or authenticated by a Universal or Co Bank, if issued by a foreign bank	at it
Surety Bond Callable On Demand issued by a surety or insurance company duly certified by the Insurance Commission as authorized to issue such security	Thirty Percent (30%)
Performance Security shall be released within thirty (30) acceptance of the items delivered and receipt of request fo	
No further instructions	
No further instructions	
Inspection, commissioning and tests shall be conducted goods' final destination. The supplier shall provide the Pro of such inspection, commissioning and test.	
No further instructions	
No further instructions	
	following documents to the Supply & Property Services Office Campus: Original copy of the Supplier's invoice showing GOODS' description and the total amount Original Supplier's factory inspection report; Original copy of the Manufacturer's and/or Supplier's warranty ce Certificate of Acceptance/Inspection Report signed by the Univer the Project Site Sub-contracting is not allowed. No further instructions No further instructions No further instructions No further instructions No advance payment is allowed. No further instructions No further instructions Form of Performance Security Cash or Cashier's/Manager's Check issued by a Universe Commercial Bank Bank draft/guaranteed or Irrevocable letter of credit issue a Universal or Commercial Bank: Provided, however, the shall be confirmed or authenticated by a Universal or Co Bank, if issued by a foreign bank Surety Bond Callable On Demand issued by a surety or insurance company duly certified by the Insurance Commission as authorized to issue such security Performance Security shall be released within thirty (30) acceptance of the items delivered and receipt of request fo No further instructions No further instructions Inspection, commissioning and tests shall be conducted goods' final destination. The supplier shall provide the Pro- of such inspection, commissioning and tests. No further instructions

17.3	In order to assure that manufacturing defects shall be corrected by the Supplier, a warranty security shall be required from the Supplier for a minimum period of at least one (1) year unless otherwise specified in the Schedule of Requirements. 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 the final payment, or a special bank guarantee equivalent to at least one percent (1%) of the total contract Price. The said amounts shall only be released after the lapse of the warranty period of at least one (1) year unless otherwise specified in the Schedule of Requirements are free from patent, latent defects, free from labor and services and all the conditions imposed under this Contract have been fully met.
17.4	The period for correction of defects in the warranty period is within seven (7) calendar days from receipt of Notice of Defects from the University.
18 to 20	No further instructions
21.1	No additional provision
22.2 to 22.3	No further instructions
24 to 30	No further instructions



UNIVERSITY OF THE PHILIPPINES VISAYAS

BIDS AND AWARDS COMMITTEE Miagao, Iloilo, Philippines 5023

Schedule of Requirements

SCHEDULE OF REQUIREMENT

SCHEDULE OF REQUIREMENTS

Item No.	Description	Qty.	Unit	Unit Cost	Total Cost	Place of Delivery	Delivery Schedule
FOR INS	IITUTE OF FISH PROCESSING TECHNOLOGY						
1	INCUBATOR Bench-top Durable material, corrosion-resistant stainless steel all around Large, easy to read display Temperature range: ambient to 70oC Temperature uniformity: +/- 0.6oC Temperature stability: +/- 0.2oC Chamber volume at least 100L Adjustable timer (0-999 hours) Features include: toughened-glass observation window, large LED Screen, digital display of operation parameters, function of timing and over temperature protection Warranty: 1 year on parts and services	1	unit	200,000.00	200,000.00	Sixty (60) calendar days	UP Visayas Miag-ao, Iloilo
2	Including free installation, commissioning, testing, and end-user training. DRYING OVEN Bench-top Materials: Corrosion-resistant stainless-steel chambers all around Temperature range: ambient +5degC to 300degC Temperature uniformity at 150degC: +/- 4.degC Temperature stability at 150degC: +/- 0.4.degC Number of shelves: at least 2 Dimensions of chamber at least 17.2x22.8x16.3" (WxHxD) Built-in timer Capacity at least 50litres Maximum shelf load of 25kg Features include: 2-layer toughened-glass observation window, large LED Screen, digital display of operation parameters, automatic timing and over temperature protection Energy saver feature Warranty: 1 year on parts and services Including free installation, commissioning, testing, and end-user training.	1	unit	200,000.00	200,000.00	Sixty (60) calendar days	UP Visayas Miag-ao, Iloilo

3	ROTARY EVAPORATOR Complete set with oil-less vacuum pump with speed controller compatible with equipment Vertical type of cooling Cooling size- 1500 cm2 Motor principle-DC Speed range- 20-280 rpm Reversible direction of rotation Heating temp- room temp to 180oC Heat output- 1300W Filling volume- 3L max Dimensions- 500 x 430 x 410 mm (WxHxD) Weight- 20kg Voltage- 115-240V Power input- 1400 W Included accessories: 250ml, 500ml, and 1000ml evaporation flask	2	unit	250,000.00	500,000.00	Sixty (60) calendar days	UP Visayas Miag-ao, Iloilo
4	Warranty: 1 year on parts and services Including free installation, commissioning, testing, and end-user training. MICROSCOPE Body: Aluminum die-casting metal frame, Protective covering Light source: Built in 0.5 W LED Revolver: Four-hole revolver, fixed arm Objectives: Plan objectives (with anti-fungus treatment): 4X, 10X, 40X Eyepieces: 10X (field number: 20, anti-fungus treatment) Condenser: Abbe condenser, numerical aperture (NA):1.25 Weight: 5.9 kg approx. Power consumption: 2 W or less (220-240V compatible) Warranty: 1 year on parts and services	20	unit	40,000.00	800,000.00	Sixty (60) calendar days	UP Visayas Miag-ao, Iloilo
5	Including free installation, commissioning, testing, and end-user training. UV-Vis SPECTROPHOTOMETER Maximum scan rate of 23,000-24,000mm/min Light source is xenon flash lamp Wavelength range- 200-1000nm with 1 nm steps Read out range- Up to 3 Abs Bandwidth- <2.5nm Compatible for cuvette and 96-well plate	1	unit	370,000.00	370,000.00	Sixty (60) calendar days	UP Visayas Miag-ao, Iloilo

	Provide highly accurate and precise reading Reading unaffected by room light Inclusions/Accessories Cuvettes (4 pcs glass and 2 pcs quartz), Cell holder, software, compatible computer (laptop) and printer, USB cable and power cord, 2kVA AVR 96 well accessory Warranty: 1 year on parts and services Including free installation, commissioning, testing, and end-user training.						
6	KJELDAHL DIGESTER Epoxy painted with chemical resistant coating Set temp-Digital readout in °C or °F Countdown- Digital readout Power- 1,350W Weight- approx. 22kg Dimension of aluminum block - 9x6x17.6 in (WxHxD) Dimension of aluminum block + support system- 9.3x22.3x23.1 in (WxHxD) Temperature range- 100 °C-440 °C Automatic temperature calibration with over temperature protection Stability of the heating block temperature- ± 2°C (at 100°C); ± 1°C (at 400°C) Precision of the heating block temperature- ± 0.5 °C Digestion time range- 1 to 999 minutes Heating time 20 to 400°C at 220V: approx 35 min Tubes per batch- 8 Tube size- 250 ml and 100ml Sample size for 250ml tubes- solids up to 5g; liquid up to 15ml Sample size for 100ml tubes- solids up to 1g; liquid up to 3ml Comes with support system, sample rack, suction cap and test tubes 8 for each sizes (100 ml and 250 ml), User's manual, AVR rated for the equipment Additional description Unit should have excellent thermal homogeneity and high temperature stability with aluminum block Good repeatability of temperature Premium quality consumables	1	unit	180,000.00	180,000.00	Sixty (60) calendar days	UP Visayas Miag-ao, Iloilo

	20 customizable program memories						
	Constantly monitor the digestion process on display						
	Warranty: 1 year on parts and services						
	Including free installation, commissioning, testing, and end-user training.						
7	WATER BATH	2	piece	100,000.00	200,000.00	Sixty (60) calendar days	UP Visayas
	Temperature Range (Metric)Ambient to 100°C				,		Miag-ao, Íloilo
	With audible alarms						
	Cover material: stainless steel or polycarbonate						
	Cabinet Material: Epoxy powder-coated steel						
	Chamber Material-Stainless steel						
	Temperature Presets- 4						
	Temperature Uniformity±0.2 °C						
	Amperage1.5-1.8 / 0.7-0.9 (120V/230V)						
	Overall dimensions (L x W x H) 15.4 x 19.7 x 5.9 in. Work area (L x W x H)- 11.7 x 19.7 x 5.9 in						
	Controller Type-Digital						
	Includes: Clear Polycarbonate Gable Cover, Diffuser Tray, and Rubber						
	Duck						
	Temperature Stability- ±0.1 °C						
	Chamber capacity- 20L						
	Heating Capacity-200W						
	Voltage:110-240V						
	, , , , , , , , , , , , , , , , , , ,						
	Warranty: 1 year on parts and services						
	Including free installation, commissioning, testing, and end-user training.						
FOR REG	IONAL RESEARCH CENTER						
8	HOT PLATE W/ MAGNETIC STIRRER	1	Unit	60,000.00	60,000.00	60 calendar days	UPV Miagao
	Powerful motor for stirring quantities of up to 10 I (H2O) Fixed safety						-
	circuit of 550 °C Hot Top indicator Exact temperature setting via digital						
	display (LED) 1.5W Motor rating output At least 6 step speed control 100-						
	1500 rpm speed Digital temperature setting minimum range 50~500°C						
	Accuracy ±0.1°C; ceramic plate material 180x180mm dimension 230/220						
	VAC With magnetic stir bars and rods						
	Warranty: 2 years for parts and services						
	Inclusive delivery, installation, reinstallation, training, calibration and						
	preventive maintenance						

9	CLASS II TYPE A2 BIOSAFETY CABINET Equipped with HEPA filter, Prefilter in the workzone; compliant to ISO Class 3 work zone Standards Compliance: NSF 49 certified; ISO 14644.1, Class 3 for Air Quality; EN-1822 (H14) Filtration; IEC61010-1 Electrical Safety Minimum internal dimension 1830 x 580 x 660 mm (72.0" x 22.8" x 26.0") Minimum Airflow Velocity (Inflow) 0.53 m/s (105 fpm) Minimum Airflow Velocity (Downflow) 0.30 m/s (60 fpm) Minimum Airflow Volume Inflow 709 cmh (417 cfm); Downflow 1107 cmh (652 cfm); Exhaust 709 cmh (417 cfm) DC Motor, 230V, 50/60 Hz Telescopic support stand, with caster wheels Direct mounted electrical outlets With germicidal UV lamp, 253.7nm wavelength, With fluorescent lamp and with timer Exhaust ducting Microprocessor controller, Airflow sensor and meter, Main body 1.2 mm (0.05") / 18 gauge EG Steel; Work Zone and Side walls 1.5 mm (0.06") / 16 gauge, SS 304, 4B finish Sound emission Maximum 60.5 dBA With AVR appropriate for the unit 2 Years warranty on service and parts, 2 years free service support and biannual certification for 2 years period with certified technical staff (should come with manufacturer certification)	1	Unit	500,000.00	500,000.00	Sixty (60) calendar days	UP Visayas Miag-ao, Iloilo
	support capable of certification compliant to PAB requirements to include inflow and downflow velocity tests, filter leak test, light intensity test, noise						
	level test, UV light intensity test and smoke pattern test						
10	COMPOUND MICROSCOPE Power supply: Integrated Koehler: Variable Koehler Illumination Eye tubes: Ergo tube 15° viewing angle Standard tube 30° viewing angle FOV 22 Ergo tilting eye tube FOV 25 (long) Ergo tilting eye tube FOV 22 (short) Advanced ergo tilting eye tube Phototubes: Trinocular ergo tilting phototube 50/50 FOV 22 Trinocular ergo tilting phototube 100/100 FOV 25 Trinocular ergo tilting phototube 50/50 FOV 25 EDT22 50/50 FOV 25 BDT25 0/50/100 dual port option FOV 25 EDT22 50/50 FOV 22 Ergo modules: 30 mm or 60 mm; variable 50-80 mm Focus: Height adjustable focus knobs 5 focus functions:2- or 3-gear focusing, focus stop, adjustable torque Objective turret: Automatic 6-position objective turret with additional toggle mode Objective: Brightness synchronized objectives series 4x, 10x, 40x Light intensity adjustment: Automatic light intensity adaptation for varying magnifications Stage: Ceramic coated (ultra-hard ceramic) Left/right (exchangeable by user); rackless; telescopic drive; Adjustable torque; rotatable/stage for two slides (option) Illumination: Integrated LED illumination Filtering: Flip-out blue filter; filter holder for 2 filters; filter magazine for 3 filters Condenser: Standard condenser CL/PH color	1	Unit	2,000,000.00	2,000,000.00	Sixty (60) calendar days	UP Visayas Miag-ao, Iloilo

100b; Automated Achr. Apl. Fip tipp condensare vitic. color coding (1 25c-100b) Universal condenser VLC. BF/Phase0PDIC Contrast methods: BF; DF; PH; POL; DIC Illumination: 50 W or 100 W Hg; 75W Xe; 12 V100 W halogen lamp; SFL100/SFL4000 Filer cube changer: 5-position filter cube turet Includes: - Power cord for microscope; - Dust cover - Image processing software - Image processing software - Image sensor: Color CMOS or better; - Sensor Size: 11/8 infor or better; - Resolution (max): 4912 x 3694 (43), 340 x 2160 pixels (4K UHD 169, 1920 X and to better; - - Allows exposure time of 0.03ms-918m or better; - Allows exposure time of 0.03ms-918m or better; - Allows exposure time of 0.03ms-918m or better; - Chronart wide or atbahment with 0.5X lens compatible with offered microscope Desktop with the following minimum specifications Intel core i7, 8 GB DDR4 2400, HDD:: T17B-128GB SSD. Optical Drive: DVD Writer, Montor: 23.8 Montor: 23.8 Grapatilice that estill photos of at least 5MP, can take videos at Camera.imaging System Commactivity 10100/1000LAN, USB Keyboard/Mouse, wiCard Reader, Compatible with the microscope		-	-	r	
100-i Universal condenser UC. BF/PhaseDF DIC COULSERLADOO BF/PhaseDF2DiC Contrast method: #B DF PH; PDIC DI liumination: 50 W or 100 W Hg; 75W Xe; 12 V/100 W halogen lamp; SFL100/SFL4000 Filter cube changer: 5-position filter cube turret Includes: - Power cord for microscope; - Dust cover - Image processing software - Camera with following spess - Image species: Color CMOS or better; - Sensor Size: 1/18 into dr better; - Resolution (max): 4912 x 384 v 2160 pixels (4K UHD 169), 1920 x 1080 / cull HD 169 or better; - Resolution (max): 4912 x 384 v 2160 pixels (4K UHD 169, 1920 x 1080 / cull HD 165 or better; - Resolution (max): 4912 x 384 v 2160 pixels (4K UHD 169, 1920 x 1080 / cull HD 165 or better; - Chalow set mose of COBMS-916m or better; - Chalow set mose of COBMS-916m or better; - Comment with 0.5X lens compatible with offered microscope Desktop with the following minimum specifications intel core i7, 8 GB DDR5 AMD Radeon RX480 OS Windows 10 SL 64D Connectivity 10/100/1000LAN, USB Keyboard/Mouse, w/Card Reader, Connectivity 10/100/1000LAN, USB Keyboard/Mouse, w/Card Reader, Connectivity 10/100/1000L	coding (2.5x-100x) Achr. Apl. Flip top condenser color coding (1.25x-				
BF/Phase/DF/DIC Contrast methods: BF; DF; PH; POL: DIC Illumination: 50 W or 100 W Hg; 72W Xe; 12 V/100 W halogen lamp; SFL100(SFL4000 Filter cube changer: 5-position filter cube turnet Includes: - Power cord for microscope; - Dust cover - Image processing software - Camera with following spects - Image sensor: Color CMOS or better; - Sensor: Sizz: 11/18 inch or better; - Resolution (max): 4912 x 3844 (43), 3940 x 2160 pixels (4K UHD 159, 1920: L030 (FultHD 169) or better; - Allows exposure time of 00 3ms-918m or better; - UBB 3.0 connectivity; - Cubes approximation with 0.5X lens compatible with offer drincoscope Desktop with the following minimum specifications Intel core i7, 8 GB DDR4 2400, HDD; 1TB-128GB SSD, Original Drive: 2VD Writer, Monitor: 23.8 Graphics: 4GB DDR5 AMD Radeon RX480 OS Windows in 0.5L 64bit Connectivity 10/100/1000LAN, USB Keyboard/Mouse, w/Card Reader, Commeditiv; WiF/Bluetoth capability With imaging software, Commatible with microscope Cameralinging System CMOS camera, can take still photos of at least 5MP, can take videos at					
50 W or 100 W Hg; 79W Xe; 12 V/100 W halogen lamp; SFL100/SFL4000 Filter cube changer: 5-position filter cube turret Includes: - Power cord for microscope; - Dust cover - Image processing software - Camera with following specs - Image sensor: Color CMOS or better; - Resolution (max): 4912 × 384 (43), 3840 × 2160 pixels (4K UHD 16:9); 1920 x 1080 (Full HD 16:9) or better; - Protel size: 24 × 24 un or better; - Allows exposure lime of 0.000ms-918m or better; - C-mount Video attachment with 0.5X lens compatible with offered microscope Desktop with the following minimum specifications Intel core i7, 8 GB DDR4 2400, HDD: 11B+128CB SSD, Optical Dirive: DVD Writer, Monitor: 23.8 Graphics: XdB DDR5 AMD Radeon RX480 OS Windows 10 SL 64bit Connectivity 10/100/1000LAN, USB Keyboard/Mouse, w/Card Reader, Connectivity: WIF/Bluetoth capability With imaging software, Commetivity: With microscope Cameralinging System CMOS camera, can take still phots of at least 5MP, can take videos at					
Filter cube changer: 5-position filter cube turret Includes: POwer cord for microscope; Dust cover Image processing software Camera with following specs Image sensor: Color CMOS or better; Sensor Size: 1/18 inch or better; Resolution (max): 4912 x 3684 (4:3), 3840 x 2160 pixels (4K UHD 16:9), 1920 x 1080 (Full HD 16:9) or better; Pixel size: 1/18 inch or better; Image sensor: Color or better; Pixel size: 1/18 inch or better; UBS 10: connectivity; Comonectivity; Desktop with the following minimum specifications Intel core i7, 8 GB DDR4 2400, HDD: 1178-128GB SSD, Optical Drive: DVD Writer, Monitor: 23.8 Graphics: 4GB DDR5 AMD Radeon RX480 OS Windows 10.5L 64bit Connectivity 10/100/1000LAN, USB Keyboard/Mouse, w/Card Reader, Connectivity; WiFUBluetooth capability With imaging software, Compatible with the microscope Cameralinaging System CMNOS camera; can take still photos of at least 5MP, can take videos at					
Includes: - Dust cover - Dust cover - Image processing software - Camera with following speces - Image sensor: Color CMOS or better; - Sensor Size: 11/13 inch or better; - Resolution (max): 4912 x 3084 (4:3), 3840 x 2160 pixels (4K UHD 169), 1920 x 1080 (Full HD 16:9) or better; - Pixel size: 21 x 24 un or better; - Allows exposure time of 0.03ms-918m or better; - USB 3.0 connectivity; - C-mount video attachment with 0.5X lens compatible with offered microscope Desktop with the following minimum specifications Interiors r. Intel core i7, 8 GB DDR4 2400, HDD: 1TB+128GB SSD, Optical Drive: DVD Writer, Monitor: 23.8 Graphics: 4GB DDR5 AMD Radeon RX480 OS Windows 10 SL 64bit Connectivity 10/100/1000LAN, USB Keyboard/Mouse, wCard Reader, Connectivity: WIF/IBURUtoth capability With imaging software, Compatible with the microscope Compatible with the microscope Cameralmaging System CMOS camera, can take sill photos of at least 5MP, can take videos at					
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Dust cover Image processing software Camera with following specs Image sensor. Color CMOS or better; Sensor Size: 1/18 inch or better; Resolution (max): 4912 x 3684 (4:3), 3840 x 2160 pixels (4K UHD 16:9), 1920 x 1060 (Full HD 16:9) or better; Pixel size: 2/4 x 2.4 un or better; USB 3.0 connectivity; C-mount video attachment with 0.5X lens compatible with offered microscope Desktop with the following minimum specifications Intel core 17, 8 GB DDR4 2400, HDD: 1TB+128GB SSD, Optical Drive: DVD Writer, Monitor: 23.8 Graphics: 405 BDR5 AMD Radeon RX480 OS Windows 10 SL 64bit Connectivity 10/100LAN, USB Keyboard/Mouse, w/Card Reader, Connectivity: WIFI/Bluetooth capability With imaging software, Compatible with the microscope Camera/Imaging System CMOS camera, can take still photos of at least 5MP, can take videos at	Includes:				
Image processing software Camera with following specs Image sensor: Color CMOS or better; Sensor Size: 1/1.8 inch or better; Resolution (max): 4912 x 3684 (4:3), 3840 x 2160 pixels (4K UHD 16:9), 1920 x 1080 (Full HD 16:9) or better; Pixel size: 2.4 x 2.4 um or better; Allows seposure time of 0.03me-918m or better; Ocmount video attachment with 0.5X lens compatible with offered microscope Desktop with the following minimum specifications Intel core i7, A GB DR4 2400, HDD: 1TB+128GB SSD, Optical Drive: DVD Writer, Monitor: 23.8 Graphics: 4GB DDR5 AMD Radeon RX480 OS Windows 10 SL 64bit Connectivity 10/100/1000LAN, USB Kebpoard/Mouse, w(Card Reader, Connectivity: WIFI/Bluetooth capability With imaging software, Compatible with the microscope Cameralinging Sysem CMOS camera, can take still photos of at least 5MP, can take videos at	- Power cord for microscope;				
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 Sensor Size: 111.8 inch or better; Resolution (max): 4912 x 3684 (4:3), 3840 x 2160 pixels (4K UHD 16:39), 1220 x 1080 (Full HD 16:9) or better; Pixel size: 2.4 x 2.4 um or better; Allows exposure time of 0.03ms-918m or better; USB 3.0 connectivity; C-mount video attachment with 0.5X lens compatible with offered microscope Desktop with the following minimum specifications Intel core i7, 8 GB DDR4 2400, HDD: 1TB+128GB SSD, Optical Drive: DVD Writer, Monitor: 23.8 Graphics: 4GB DDR5 AMD Radeon RX480 GS market, Connectivity: 10/100/1000LAN, USB Keyboard/Mouse, w/Card Reader, Connectivity: WIF//Bluetooth capability With imaging software, Compatible with the microscope Camera/Imaging System CMOS camera, can take stil photos of at least 5MP, can take videos at 					
 Resolution (max): 4912 x 3684 (4:3), 3840 x 2160 pixels (4K UHD 16:9), 1920 x 1080 (Full HD 16:9) or better; Pixel size: 2.4 x 2.4 um or better; USB 3.0 connectivity; C-mount video attachment with 0.5X lens compatible with offered microscope Desktop with the following minimum specifications Intel core i7, 8 GB DDL 7H2 4200, HDD: 1TH2+128GB SSD, Optical Drive: DVD Writer, Monitor: 23.8 Graphics: 4GB DDR5 AMD Radeon RX480 OS Windows 10 SL 64bit Connectivity 10/100/1000LAN, USB Keyboard/Mouse, w/Card Reader, Connectivity: WIFI/Bluetooth capability With imaging software, Compatible with the microscope Camera/Imaging System CMOS camera, can take still photos of at least 5MP, can take videos at 					
UHD 16:9), 1920 x 1080 (Full HD 16:9) or better; - Pixel size: 2.4 x 2.4 um or better; - Allows exposure time of 0.03ms-918m or better; - USB 3.0 connectivity; - C-mount video attachment with 0.5X lens compatible with offered microscope Desktop with the following minimum specifications Intel core i7, 8 GB DDR4 2400, HDD: 1TB+128GB SSD, Optical Drive: DVD Writer, Monitor: 23.8 Graphics: 4GB DDR5 AMD Radeon RX480 OS Windows 10 SL 64bit Connectivity 10/100/1000LAN, USB Keyboard/Mouse, w/Card Reader, Connectivity: WIFI/Bluetooth capability With imaging software, Compatible with the microscope Camera/Imaging System CMOS camera, can take still photos of at least 5MP, can take videos at					
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8 GB DDR4 2400, HDD: 1TB+128GB SSD, Optical Drive: DVD Writer, Monitor: 23.8 Graphics: 4GB DDR5 AMD Radeon RX480 OS Windows 10 SL 64bit Connectivity 10/100/1000LAN, USB Keyboard/Mouse, w/Card Reader, Connectivity: WIFI/Bluetooth capability With imaging software, Compatible with the microscope CMOS camera, can take still photos of at least 5MP, can take videos at					
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Camera/Imaging System CMOS camera, can take still photos of at least 5MP, can take videos at					
CMOS camera, can take still photos of at least 5MP, can take videos at					
CMOS camera, can take still photos of at least 5MP, can take videos at	Camera/Imaging System				
4K resolution and 25 ips), USB 3.0 interface	4K resolution and 25 fps), USB 3.0 interface				

	Microsoft office software - AVR and UPS rated for the equipment (including desktop computer accessory) Warranty: 2 years for parts and services Inclusive delivery, installation, reinstallation, training, calibration and preventive maintenance						
11	 WATER (COOLING/HEATING) BATH (Brand: Brookfield TC-550SD-230 Refrigerated Bath/SD Controller 230V) (This is an accessory equipment to the existing Brookfield DVT3 Rheometer at RRC) (Refrigerated Bath/SD Controller 230V Programmable with PC Control using RheocalcT Software 2-Speed Pump Quick Scroll to Set Temperature to Standalone Mode Can accommodate 600ml beaker in the bath Programmable Controller version Can measure viscosity directly in the bath Built-in circulator pumps to external devices -20 to 170°C temperature range 7L reservoir capacity; up to 11 L/m flow rate Temperature stability of not more than 0.04°C with AVR rated for the equipment Warranty: 2 years for parts and services Inclusive delivery, installation, reinstallation, training, calibration and 	1	Unit	400,000.00	400,000.00	Sixty (60) calendar days	UP Visayas Miag-ao, Iloilo
12	preventive maintenance HANDHELD OPTICAL REFRACTOMETER Resolution 44-803 Calibrated, NIST traceable (should come with certificate), Dust and waterproof With standard solutions 0~50 Brix	1	Unit	30,000.00	30,000.00	Sixty (60) calendar days	UP Visayas Miag-ao, Iloilo
	Measuring accuracy $\pm 0.25\%$ Includes accessories of scale calibration driver and dropper Warranty: 2 years for parts and services Inclusive delivery, installation, reinstallation, training, calibration and preventive maintenance						
13	ULTRASONICATOR BATH Desktop type At least15L bath capacity With degas function With LED indicator and control panel Digital timer setting at per minute interval Steel material for body Stainless steel material for bath Heater up to 60°C With	1	Unit	150,000.00	150,000.00	Sixty (60) calendar days	UP Visayas Miag-ao, Iloilo

	stainless steel wire basket With cover lid 230/220 VAC or with voltage transformer With drainage stopcock Includes AVR rated for the equipment Warranty: 2 years for parts and services Inclusive delivery, installation, reinstallation, training, calibration and preventive maintenance						
14	ION SPUTTER COATER LCD Touch panel; memory storage of commonly used processing conditions; magnetron type of electrode; Color Display, full graphical interface with touch screen buttons, with log of the last 100 coatings carried out, with prompt when maintenance is due WORK CHAMBER: Borosilicate glass SAFETY SHIELD: Integral polyethylene terephthalate (PET) Cylinder DISCHARGE TYPE: Diode discharge magnetron type DISCHARGE ELECTRODE FORM: Opposed parallel disk (magnet embedded) DISCHARGE VOLTAGE: 0.4 kV DC maximum DISCHARGE CURRENT: 40 mA DC maximum COATING RATE PRESSURE: 7 Pa DISTANCE between target and specimen surface: 30 nm SPECIMEN STAGE: Rotation speed is variable between preset limits with different wafers sizes fitted as standard SPECIMEN MAX. DIAMETER: 60 mm SPECIMEN MAX HEIGHT: 20 mm TARGET: Gold-Palladium (Au-Pd) POWER SUPPLY REQUIREMENTS: Single Phase, AC 100V/240V, 15 A, (50/60Hz), 3-Pin plug code (5m) VACUUM PUMP: 5m3/hr Pfeiffer DUO 6 two-stage rotary pump with oil mist filter With gauge for vacuum measurement Must include ARGON and NITROGEN GASES, GAS TANKS, REGULATOR, GAUGES, and GAS Piping, TABLE, with 1 unit AVR and 1 unit UPS (rated for need of equipment) Warranty: 2 years for parts and services Inclusive delivery, installation, reinstallation, training, calibration and preventive maintenance	1	Unit	1,950,000.00	1,950,000.00	Sixty (60) calendar days	UP Visayas Miag-ao, Iloilo
15	CRITICAL POINT DRYER Fully automated, reproducible and controlled processes ensure high sample quality every run; Must include the following: (a) Large viewing window (b) Sample holders -wide variety of sample holders for different sample sizes (c) Integrated liquid waste separator ensures safe and easy disposal of exchange fluid (d) Temperature and pressure gauges (e) Safety over pressure bursting disc (f) Chiller Heater (g) Flexible CO2 connector, water hoses, and valves (h) Liquid CO2 gas, gas tanks,	1	Unit	850,000.00	850,000.00	Sixty (60) calendar days	UP Visayas Miag-ao, Iloilo

	regulator, gauges, and gas Piping (i) Table (j) 1 unit AVR and 1 unit UPS (rated for need of equipment) Warranty: 2 years for parts and services Inclusive delivery, installation, reinstallation, training, calibration and preventive maintenance						
16	PNEUMATIC OPTICAL TABLE DIMENSION: 1500 x 1500 mm or wider MINIMUM THICKNESS: 300 mm CORE: Steel Honeycomb core structure, minimum 0.25 mm thick foil; MINIMUM CORE CELL SIZE: 2.9 cm2 MINIMUM CORE SHEAR MODULUS : 275,000 psi SURFACE FLATNESS: +/- 0.1mm over 600 mm2; TOP SKIN: 430 series ferromagnetic stainless steel, minimum 4.0 mm thick; BOTTOM SKIN: minimum 4.5 mm thick stainless steel SIDE WALLS: minimum 2.0 mm thick steel plate; Must include Pneumatic support with Tie-Bars with following specifications: ISOLATION SYSTEM: Pneumatic isolation; MINIMUM HEIGHT SUPPORT: 500 mm; - Resonant Frequency: Vertical/Horizontal = 1.2 - 1.7 Hz; Vibration Isolation at 10 Hz: Vertical/Horizontal = 80-95 % Maximum Load Capacity: 500 kg Automatic Leveling: YES; Height adjustment: +/- 20 mm Must include Air Compressor with following specifications: OPERATING PRESSURE: 40- 80 psi; with pressure control; AIR DELIVERY: 30L/min at 80 psi; TANK CAPACITY: 13 Liters; MAX AIR PRESSURE: 115 psi; ELECTRICAL POWE: 220V/60Hz; NOISE LEVEL: 40 Db Warranty: 2 years for parts and services Inclusive delivery, installation, reinstallation, training, calibration and preventive maintenance	1	Unit	720,850.00	720,850.00	Sixty (60) calendar days	UP Visayas Miag-ao, Iloilo
17	UNINTERRUPTIBLE POWER SUPPLY (UPS) TYPE: Double Conversion Online UPS CAPACITY: 10KVA INPUT: 220- 230VAC, Single Phase, 40~60Hz±0.2 PF >0.98 or better OUTPUT: 220VAC, 40~60Hz±0.2 Pure Sine Wave, with terminal block with cover and with 5-15R optional socket. PROTECTION: Lightning, Surge, Short Circuit and Overload Protection BATTERY: Maintenance free valve regulated lead acid (VRLA) battery, Recharge time 7 hours to 90% capacity, > 10 minutes backup time. CHARGING TYPE: Float or Trickle DISPLAY: Multi line LCD display with multi-functionality control (Line, Inverter, Bypass, Battery) AUDIBLE ALARM: Battery mode, Overload,	3	Units	120,000.00	360,000.00	Sixty (60) calendar days	UP Visayas Miag-ao, Iloilo

	Fault, Battery low, Bypass mode, L/N inverse						
	Warranty: 2 years on parts and services, 12 months on battery						
FOR INS	TITUTE OF AQUACULTURE						
18	 MICROLITER SPECTROPHOTOMETER Absorbance Accuracy: 3% (at 0.74 Abs at 350 nm) Certifications/Compliance: UL/CSA and CE Detector Type: 2048-element linear silicon CCD array Wavelength Accuracy: ±1nm Absorbance Range: 0 - 300 Abs Accuracy: 0.002 *SD of 10 individual measurements at 0.74 Abs Applications: Nucleic acid, protein, cell culture and custom methods Connections: USB Description: Microvolume Spectrophotometer easy to use: pipet sample directly onto the pedestal Detection Range: 2- 15,000ng/µL (dsDNA), 0.10 - 400mg/mL (BSA) Footprint: 14 x 20cm Lamp: Xenon flash lamp Measurement Time: <5 sec. No. of Samples: 1 Sample Volume (Metric): 0.5-2.0µL Spectral Resolution: ≤1.8nm (FWHM at Hg 253.7) System Requirements: Microsoft Windows 10 Professional (32-bit and 64-bit), Windows 8 (32- and 64-bit), and Windows 10 Pro (64- bit) Type: Spectrophotometer User-friendly; easy cleaning feature Includes laptop computer compatible with equipment, AVR and UPS rated for equipment, and at least 2 year equipment warranty Voltage: 12VDC Wattage: 5W Wavelength range: 190 - 840 nm with preconfigured methods for A260/A280 Weight (Metric): 2.0 kg Warranty: 2 years for parts and services Includes delivery, installation, training, calibration and preventive maintenance D.O. METER 	1	Unit	505,000.00	505,000.00	Sixty (60) calendar days	UP Visayas Miag-ao, Iloilo UP Visayas
19	Handheld dissolved oxygen meter for field and lab use connector: military spec waterproof with bayonet lock Parameters measured: dissolved oxygen, temperature Unit of measure: °C-temperature, mg/L- DO Precision: 0 to 50 mg/L and 0 to 500% Flow cell: single Power: 2 alkaline C-cells provide 450 continuous hours at ambient temperature without backlight User-replaceable cables and sensors easy DO calibrations within 3 seconds with the press of a button Quick response times; 95% response time in approximately 8 seconds with standard membrane impact-resistant, waterproof case even without the battery cover Includes:	I	Unit	150,000.00	130,000.00		Miag-ao, Iloilo

	DO probe, 4 meter field cable assembly and management kit, weighted probe guard, calibration cup, 2 C alkaline batteries, installation tool and user manual						
	Warranty: 2 Years on cable and probe, 3 years on instrument						
20	PCR MACHINE Sample capacity: 96 x 0.2 ml tubes, 0.2 ml tube strips, or 1 x 96-well plate Maximum ramp rate: 4 °C/sec Average ramp rate: 2.5°C/sec Temperature range: 4–100°C Temperature accuracy: $\pm 0.5^{\circ}$ C of programmed target Temperature uniformity: $\pm 0.5^{\circ}$ C well-to-well within 30 sec of arrival at target temperature Input power: 100–150 VAC, 50–60 Hz; 220–240 VAC, 50–60 Hz; 700 W maximum Display : 5.7' VGA color touch screen, touch screen interface with > 5" colored display Port: 1 USB A Memory: 500 typical programs; unlimited with USB flash drive expansion Dimensions (W x D x H): 26 x 47 x 23 cm (10 x 18 x 9') Weight: 9 kg (20 Ib) Gradient: capable Gradient range: 30–100°C Temperature differential range: 1–25°C Memory: 500 typical programs and unlimited memory with USB flash drive expansion; protocols can be organized using personalized folders Includes: touch screen protector, tube support ring, user manual and quick guide, AVR and UPS rated for the equipment Warranty: 2 years for parts and services Includes delivery, installation, training, calibration and preventive maintenance	1	Unit	600,000.00	600,000.00	Sixty (60) calendar days	UP Visayas Miag-ao, Iloilo
21	pH METER Benchtop pH meter complete with pH electrode, ATC probe, electrode stand, software and calibration buffers (pH 4, 7, 10) Price estimate P50,000.00 per unit Specifications: Measures: pH, ORP (mV/Rel. mV), and temperature(°C or °F) pH Range: -2.000 to 20.000 pH Resolution: 0.1/0.01/0.001 pH Accuracy: ±0.002 + LSD pH Calibration Up to 6 preset or 5 custom with auto buffer recognition of USA, DIN, NIST, User-defined, and Custom buffer sets mV Range: -2000.0 to 2000.0 mV Resolution: 0.1 mV Accuracy: ±0.2 mV Calibration: Offset up to ±150 mV Temperature Range: 32 to 212°F (0.0 to 100.0°C) Temperature Resolution: 0.1°F or °C Temperature Accuracy: ±0.5°F or ±0.3°C Temperature Calibration: Offset 0.1°C increments up to ±5°C/±9°F Memory: Up to 500 data sets with time-date stamping for GLP compliance RS-232 Bi-directional RS-232; includes software Dimensions: 6 1/8" x 6 7/8" x 2 3/4" (15.5 x 17.5 x 6.9 cm)	2	Units	50,000.00	100,000.00	Sixty (60) calendar days	UP Visayas Miag-ao, Iloilo

Should include: 3 calibration buffers for pH 4, 7 and 10				
Includes universal power adapter, USB cable for data transfer, quick start guide and user manual				
Warranty: 2 years for parts and services Includes delivery, installation, training, calibration and preventive maintenance				
		TOTAL ABC:	10,825,850.00	

UNIVERSITY O THE PHILIPPINES VISAYAS

BIDS AND AWARDS COMMITTEE Miagao, Iloilo, Philippines 5023

TECHNICAL SPECIFICATIONS

ltem	Description	Qty	Unit	STATEMENT OF COMPLIANCE
FOR INS	TITUTE OF FISH PROCESSING TECHNOLOGY			
1	INCUBATOR	1	unit	
	Bench-top			
	Durable material, corrosion-resistant stainless steel all around			
	Large, easy to read display Temperature range: ambient to 70oC			
	Temperature uniformity: +/- 0.6oC			
	Temperature stability: +/-0.2oC			
	Chamber volume at least 100L			
	Adjustable timer (0-999 hours)			
	Features include: toughened-glass observation window, large LED			
	Screen, digital display of operation parameters, function of timing and over temperature protection			
	Warranty: 1 year on parts and services			
	Including free installation, commissioning, testing, and end-user training.			
2	DRYING OVEN Bench-top	1	unit	
	Materials: Corrosion-resistant stainless-steel chambers all around			
	Temperature range: ambient +5degC to 300degC			
	Temperature uniformity at 150degC: +/- 4.degC			
	Temperature stability at 150degC: +/- 0.4.degC			
	Number of shelves: at least 2			
	Dimensions of chamber at least 17.2x22.8x16.3" (WxHxD) Built-in timer			
	Capacity at least 50litres			
	Maximum shelf load of 25kg			
	Features include: 2-layer toughened-glass observation window, large			
	LED Screen, digital display of operation parameters, automatic timing			
	and over temperature protection Energy saver feature			
	Energy saver realure			
	Warranty: 1 year on parts and services			
	Including free installation, commissioning, testing, and end-user training.			
3	ROTARY EVAPORATOR	2	unit	
	Complete set with oil-less vacuum pump with speed controller			
	compatible with equipment Vertical type of cooling			
	Cooling size- 1500 cm2			
	Motor principle-DC			
	Speed range- 20-280 rpm			
	Reversible direction of rotation			
	Heating temp- room temp to 180oC Heat output- 1300W			
	Filling volume- 3L max			
	Dimensions- 500 x 430 x 410 mm (WxHxD)			
	Weight- 20kg			
	Voltage- 115-240V			
	Power input- 1400 W			
	Included accessories: 250ml, 500ml, and 1000ml evaporation flask			
	Warranty: 1 year on parts and services			
	Including free installation, commissioning, testing, and end-user training.			

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4	MICROSCOPE	20	units	
	Body: Aluminum die-casting metal frame, Protective covering			
	Light source: Built in 0.5 W LED			
	Revolver: Four-hole revolver, fixed arm			
	Objectives: Plan objectives (with anti-fungus treatment): 4X, 10X, 40X			
	Eyepieces: 10X (field number: 20, anti-fungus treatment)			
	Condenser: Abbe condenser, numerical aperture (NA):1.25			
	Weight: 5.9 kg approx.			
	Power consumption: 2 W or less (220-240V compatible)			
	Warranty 1 year on parts and convision			
	Warranty: 1 year on parts and services			
	Including free installation, commissioning, testing, and end-user training.	_	-	
5	UV-Vis SPECTROPHOTOMETER	1	unit	
	Maximum scan rate of 23,000-24,000mm/min			
	Light source is xenon flash lamp			
	Wavelength range- 200-1000nm with 1 nm steps			
	Read out range- Up to 3 Abs			
	0 1			
	Bandwidth- <2.5nm			
	Compatible for cuvette and 96-well plate			
	Provide highly accurate and precise reading			
	Reading unaffected by room light			
	Inclusions/Accessories			
	Cuvettes (4 pcs glass and 2 pcs quartz), Cell holder, software,			
	compatible computer (laptop) and printer, USB cable and power cord,			
	2kVA AVR			
	96 well accessory			
	······································			
	Warranty: 1 year on parts and carriess			
	Warranty: 1 year on parts and services			
	Including free installation, commissioning, testing, and end-user training.			
6	KJELDAHL DIGESTER	1	unit	
	Epoxy painted with chemical resistant coating			
	Set temp-Digital readout in °C or °F			
	Countdown- Digital readout			
	Power- 1,350W			
	Weight- approx. 22kg			
	Dimension of aluminum block- 9x6x17.6 in (WxHxD)			
	Dimension of aluminum block + support system- 9.3x22.3x23.1 in			
	(WxHxD)			
	Temperature range- 100 °C-440 °C			
	Automatic temperature calibration with over temperature protection			
	Stability of the heating block temperature- ± 2°C (at 100°C); ± 1°C (at			
	400°C)			
	Precision of the heating block temperature- ± 0.5 °C			
	Digestion time range- 1 to 999 minutes			
	Heating time 20 to 400°C at 220V: approx 35 min			
	Tubes per batch- 8			
	Tube size- 250 ml and 100ml			
	Sample size for 250ml tubes- solids up to 5g; liquid up to 15ml			
	Sample size for 100ml tubes- solids up to 1g; liquid up to 3ml			
	Composition outport autom comple real automation and that taken a			
	Comes with support system, sample rack, suction cap and test tubes 8			
	for each sizes (100 ml and 250 ml), User's manual, AVR rated for the			
	equipment			
	Additional description			
	Unit should have excellent thermal homogeneity and high temperature			
	stability with aluminum block			
	Good repeatability of temperature			
	Premium quality consumables			
	20 customizable program memories			
	Constantly monitor the digestion process on display			
	constantly monitor the digestion process on display			
	Manual A second and second			
1	Warranty: 1 year on parts and services			

	Including free installation, commissioning, testing, and end-user training.			
7	WATER BATH	2	pieces	
	Temperature Range (Metric)Ambient to 100°C		-	
	With audible alarms			
	Cover material: stainless steel or polycarbonate			
	Cabinet Material: Epoxy powder-coated steel			
	Chamber Material-Stainless steel			
	Temperature Presets- 4			
	Temperature Uniformity±0.2 °C			
	Amperage1.5-1.8 / 0.7-0.9 (120V/230V)			
	Overall dimensions (L x W x H) 15.4 x 19.7 x 5.9 in.			
	Work area (L x W x H)- 11.7 x 19.7 x 5.9 in			
	Controller Type-Digital			
	Includes: Clear Polycarbonate Gable Cover, Diffuser Tray, and Rubber			
	Duck			
	Temperature Stability- ±0.1 °C			
	Chamber capacity- 20L			
	Heating Capacity-200W			
	Voltage:110-240V			
	Warranty 1 year on note and can jace			
	Warranty: 1 year on parts and services			
	Including free installation, commissioning, testing, and end-user training.			
FUR REC				
8	HOT PLATE W/ MAGNETIC STIRRER	1	unit	
0	Powerful motor for stirring quantities of up to 10 I (H2O) Fixed safety		unit	
	circuit of 550 °C Hot Top indicator Exact temperature setting via digital			
	display (LED) 1.5W Motor rating output At least 6 step speed control			
	100-1500 rpm speed Digital temperature setting minimum range			
	50~500°C Accuracy ±0.1°C; ceramic plate material 180x180mm			
	dimension 230/220 VAC With magnetic stir bars and rods			
	Warranty: 2 years for parts and services			
	Inclusive delivery, installation, reinstallation, training, calibration and			
	preventive maintenance			
9	CLASS II TYPE A2 BIOSAFETY CABINET	1	unit	
Ŭ	Equipped with HEPA filter, Prefilter in the workzone; compliant to ISO			
	Class 3 work zone Standards Compliance: NSF 49 certified; ISO			
	14644.1, Class 3 for Air Quality; EN-1822 (H14) Filtration; IEC61010-1			
	Electrical Safety Minimum internal dimension 1830 x 580 x 660 mm			
	(72.0" x 22.8" x 26.0") Minimum Airflow Velocity (Inflow) 0.53 m/s (105			
	fpm) Minimum Airflow Velocity (Downflow) 0.30 m/s (60 fpm) Minimum			
	Airflow Volume Inflow 709 cmh (417 cfm); Downflow 1107 cmh (652			
	cfm); Exhaust 709 cmh (417 cfm) DC Motor, 230V, 50/60 Hz Telescopic			
	support stand, with caster wheels Direct mounted electrical outlets With			
	germicidal UV lamp, 253.7nm wavelength, With fluorescent lamp and			
	with timer Exhaust ducting Microprocessor controller, Airflow sensor and			
	meter, Main body 1.2 mm (0.05") / 18 gauge EG Steel; Work Zone and			
	Side walls 1.5 mm (0.06") / 16 gauge, SS 304, 4B finish Sound emission			
	Maximum 60.5 dBA With AVR appropriate for the unit 2 Years warranty			
	on service and parts,			
	2 years free service support and biannual certification for 2 years period			
	with certified technical staff (should come with manufacturer certification)			
	support capable of certification compliant to PAB requirements to include			
	inflow and downflow velocity tests, filter leak test, light intensity test,			
10	noise level test, UV light intensity test and smoke pattern test COMPOUND MICROSCOPE	1	unit	
10		I	unit	
	Power supply: Integrated Koehler: Variable Koehler Illumination Eye			
	tubes: Ergo tube 15° viewing angle Standard tube 30° viewing angle FOV 22 Ergo tilting eye tube FOV 25 (long) Ergo tilting eye tube FOV 22			
	(short) Advanced ergo tilting eye tube POV 25 (long) Ergo tilting eye tube POV 22			
L	Tanony Auvanceu ergo uning eye lube i notolubes. Thhocular ergo lilling			

phototube 50/96 TOV 22 Timocular ergo tilting phototube 50/97 OV 25 EDT25 00/07 00 dull port option FOV 25 EDT25 20/05 FOV 22 EDT25 00/07 00 dull port option FOV 25 EDT25 20/05 FOV 22 EDT25 00/07 00 dull inctions2- or 3 gear focusing, focus stop, adjustable focus knocks 5 focus functions2- or 3 gear focusing, focus stop, adjustable focus knock Objective: Brightness synchronized objectives series 4x, 10x, 40x. Light interinses synchronized objectives series 4x, 10x, 40x. Light interinses synchronized objectives series 4x, 10x, 40x. Light interinses synchronized objectives series 4x, 10x, 40x. Light interinse for 3 filters: Condenser: Standard condenser: CUC PHI color condition Filterins: Filter rolider for 2 filters, filter magazine for 3 filters: Condenser: Standard condenser: CUC Coll (12.5x- 1000 Hight Contrast methods. BF: DF, PH: POL; DK: Illumination: 50 W or 100 W Hg; ToW Xe: 12 V/100 W halogen lamp; SFL1000SFL4000 Filter cube changer: S-position filter cube turet Includes: Image sensor: Clore filter Start Resolution (max; 421 x 3844 (43); 3840 x 2160 pixels (4K UHD 168 (12.0x) tilde (14 HD 168) or better; - Resolution (max; 421 x 3844 (43); 3840 x 2160 pixels (4K UHD 168 (19, 1020 tr 100 to 150, ro better; - <t< th=""><th></th><th></th><th></th><th></th><th></th></t<>					
- Power cord for microscope; - Dust cover - Image processing software - Camera with following spees - Image sensor: Color CMOS or better; - Sensor Size: 1/1.8 inch or better; - Resolution (max): 4912 x 3684 (4:3), 3840 x 2160 pixels (4K UHD 16:9). 1920: x 1080 (Full HD 16:9) or better; - - Pixel size: 2.4 x 2.4 um or better; - Allows exposure time of 0.03ms-918m or better; - USB 3.0 connectivity; - Consometivity; - Connectivity: DUWriter, Monitor: 23.8 Graphics: 4GB DDR5 AMD Radeon RX480 OS Windows 10 SL 64bit Connectivity 10/100/1000LAN, USB Keyboard/Mouse, w/Card Reader, Connectivity: WIF/Bluetooth capability With imaging software, - AVR and UPS rated for		25 Trinocular ergo tilting phototube 50/50 FOV 25 BDT25 0/50/100 dual port option FOV 25 EDT22 50/50 FOV 22 Ergo modules: 30 mm or 60 mm; variable 50-80 mm Focus: Height adjustable focus knobs 5 focus functions:2- or 3-gear focusing, focus stop, adjustable torque Objective turret: Automatic 6-position objective turret with additional toggle mode Objective: Brightness synchronized objectives series 4x, 10x, 40x Light intensity adjustment: Automatic light intensity adaptation for varying magnifications Stage: Ceramic coated (ultra-hard ceramic) Left/right (exchangeable by user); rackless; telescopic drive; Adjustable torque; rotatable/stage for two slides (option) Illumination: Integrated LED illumination Filtering: Flip-out blue filter; filter holder for 2 filters; filter magazine for 3 filters Condenser: Standard condenser CL/PH color coding (2.5x-100x) Achr. Apl. Flip top condenser with color coding (1.25x-100x) Universal condenser UCL BF/Phase/DF Universal condenser UCA BF/Phase/DF/DIC Contrast methods: BF; DF; PH; POL; DIC Illumination: 50 W or 100 W Hg; 75W Xe; 12 V/100 W halogen lamp;			
- Power cord for microscope; - Dust cover - Image processing software - Camera with following spees - Image sensor: Color CMOS or better; - Sensor Size: 1/1.8 inch or better; - Resolution (max): 4912 x 3684 (4:3), 3840 x 2160 pixels (4K UHD 16:9). 1920: x 1080 (Full HD 16:9) or better; - - Pixel size: 2.4 x 2.4 um or better; - Allows exposure time of 0.03ms-918m or better; - USB 3.0 connectivity; - Consometivity; - Connectivity: DUWriter, Monitor: 23.8 Graphics: 4GB DDR5 AMD Radeon RX480 OS Windows 10 SL 64bit Connectivity 10/100/1000LAN, USB Keyboard/Mouse, w/Card Reader, Connectivity: WIF/Bluetooth capability With imaging software, - AVR and UPS rated for					
Optical Drive: DVD Writer, Monitor: 23.8 Graphics: 4GB DDR5 AMD Radeon RX480 OS Windows 10 SL 64bit Connectivity 10/100/1000LAN, USB Keyboard/Mouse, w/Card Reader, Connectivity: WIF/IBluetooth capability With imaging software, Compatible with the microscope Image: Connectivity: WIF/IBluetooth capability With imaging software, Compatible with the microscope Camera/Imaging System CMOS camera, can take still photos of at least 5MP, can take videos at 4K resolution and 25 fps), USB 3.0 interface Image: Compatible with the equipment (including desktop computer accessory) Warranty: 2 years for parts and services Inclusive delivery, installation, reinstallation, training, calibration and preventive maintenance 1 unit		 Power cord for microscope; Dust cover Image processing software Camera with following specs Image sensor: Color CMOS or better; Sensor Size: 1/1.8 inch or better; Resolution (max): 4912 x 3684 (4:3), 3840 x 2160 pixels (4K UHD 16:9), 1920 x 1080 (Full HD 16:9) or better; Pixel size: 2.4 x 2.4 um or better; Allows exposure time of 0.03ms~918m or better; USB 3.0 connectivity; C-mount video attachment with 0.5X lens compatible with offered microscope Desktop with the following minimum specifications Intel core i7, 8 GB DDR4 2400,			
Monitor: 23.8 Graphics: 4GB DDR5 AMD Radeon RX480 OS Windows 10 SL 64bit Connectivity 10/100/1000LAN, USB Keyboard/Mouse, w/Card Reader, Connectivity: WIFI/Bluetooth capability With imaging software, Compatible with the microscope Camera/Imaging System CMOS camera, can take still photos of at least 5MP, can take videos at 4K resolution and 25 fps), USB 3.0 interface Microsoft office software Microsoft office software - AVR and UPS rated for the equipment (including desktop computer accessory) Warranty: 2 years for parts and services Inclusive delivery, installation, reinstallation, training, calibration and preventive maintenance 1 UMATER (COOLING/HEATING) BATH (Brand: Brookfield TC-550SD-230 Refrigerated Bath/SD Controller 1 unit		HDD: 1TB+128GB SSD,			
Image: State of the second state of					
OS Windows 10 SL 64bit Connectivity 10/100/1000LAN, USB Keyboard/Mouse, w/Card Reader, Connectivity: WIFI/Bluetooth capability With imaging software, Compatible with the microscope Image: Compatible with the microscope Camera/Imaging System CMOS camera, can take still photos of at least 5MP, can take videos at 4K resolution and 25 fps), USB 3.0 interface Image: Compatible with the microscope Microsoft office software - AVR and UPS rated for the equipment (including desktop computer accessory) Image: Compatible with the equipment (including desktop computer accessory) Warranty: 2 years for parts and services Inclusive delivery, installation, reinstallation, training, calibration and preventive maintenance 1 unit					
Camera/Imaging System CMOS camera, can take still photos of at least 5MP, can take videos at 4K resolution and 25 fps), USB 3.0 interface Microsoft office software - AVR and UPS rated for the equipment (including desktop computer accessory) Warranty: 2 years for parts and services Inclusive delivery, installation, reinstallation, training, calibration and preventive maintenance 11 WATER (COOLING/HEATING) BATH (Brand: Brookfield TC-550SD-230 Refrigerated Bath/SD Controller		OS Windows 10 SL 64bit Connectivity 10/100/1000LAN, USB Keyboard/Mouse, w/Card Reader, Connectivity: WIFI/Bluetooth capability With imaging software,			
CMOS camera, can take still photos of at least 5MP, can take videos at 4K resolution and 25 fps), USB 3.0 interface Microsoft office software Microsoft office software - AVR and UPS rated for the equipment (including desktop computer accessory) Warranty: 2 years for parts and services Inclusive delivery, installation, reinstallation, training, calibration and preventive maintenance 11 WATER (COOLING/HEATING) BATH (Brand: Brookfield TC-550SD-230 Refrigerated Bath/SD Controller 1					
 AVR and UPS rated for the equipment (including desktop computer accessory) Warranty: 2 years for parts and services Inclusive delivery, installation, reinstallation, training, calibration and preventive maintenance WATER (COOLING/HEATING) BATH (Brand: Brookfield TC-550SD-230 Refrigerated Bath/SD Controller 		CMOS camera, can take still photos of at least 5MP, can take videos at			
Inclusive delivery, installation, reinstallation, training, calibration and preventive maintenance 11 WATER (COOLING/HEATING) BATH (Brand: Brookfield TC-550SD-230 Refrigerated Bath/SD Controller 1		- AVR and UPS rated for the equipment (including desktop computer			
(Brand: Brookfield TC-550SD-230 Refrigerated Bath/SD Controller		Inclusive delivery, installation, reinstallation, training, calibration and preventive maintenance			
2001)	11		1	unit	

·		•		
	(This is an accessory equipment to the existing Brookfield DVT3 Rheometer at RRC) (Refrigerated Bath/SD Controller 230V Programmable with PC Control			
	using RheocalcT Software 2-Speed Pump Quick Scroll to Set Temperature to Standalone Mode Can accommodate 600ml beaker in the bath Programmable Controller version Can measure viscosity directly in the bath Built-in circulator pumps to external devices -20 to 170°C temperature range 7L reservoir capacity; up to 11 L/m flow rate Temperature stability of not more than 0.04°C with AVR rated for the equipment			
	Warranty: 2 years for parts and services Inclusive delivery, installation, reinstallation, training, calibration and preventive maintenance			
12	HANDHELD OPTICAL REFRACTOMETER Resolution 44-803 Calibrated, NIST traceable (should come with certificate), Dust and waterproof With standard solutions 0~50 Brix Measuring accuracy ±0.25% Includes accessories of scale calibration driver and dropper Warranty: 2 years for parts and services	1	unit	
	Inclusive delivery, installation, reinstallation, training, calibration and preventive maintenance			
13	ULTRASONICATOR BATH Desktop type At least15L bath capacity With degas function With LED indicator and control panel Digital timer setting at per minute interval Steel material for body Stainless steel material for bath Heater up to 60°C With stainless steel wire basket With cover lid 230/220 VAC or with voltage transformer With drainage stopcock Includes AVR rated for the equipment	1	unit	
	Warranty: 2 years for parts and services Inclusive delivery, installation, reinstallation, training, calibration and preventive maintenance			
14	ION SPUTTER COATER LCD Touch panel; memory storage of commonly used processing conditions; magnetron type of electrode; Color Display, full graphical interface with touch screen buttons, with log of the last 100 coatings carried out, with prompt when maintenance is due WORK CHAMBER: Borosilicate glass SAFETY SHIELD: Integral polyethylene terephthalate (PET) Cylinder DISCHARGE TYPE: Diode discharge magnetron type DISCHARGE ELECTRODE FORM: Opposed parallel disk (magnet embedded) DISCHARGE VOLTAGE: 0.4 kV DC maximum DISCHARGE CURRENT: 40 mA DC maximum COATING RATE PRESSURE: 7 Pa DISTANCE between target and specimen surface: 30 nm SPECIMEN STAGE: Rotation speed is variable between preset limits with different wafers sizes fitted as standard SPECIMEN MAX. DIAMETER: 60 mm SPECIMEN MAX HEIGHT: 20 mm TARGET: Gold-Palladium (Au-Pd) POWER SUPPLY REQUIREMENTS: Single Phase, AC 100V/240V, 15 A, (50/60Hz), 3-Pin plug code (5m) VACUUM PUMP: 5m3/hr Pfeiffer DUO 6 two-stage rotary pump with oil mist filter With gauge for vacuum measurement Must include ARGON and NITROGEN GASES, GAS TANKS, REGULATOR, GAUGES, and GAS Piping, TABLE, with 1 unit AVR and 1 unit UPS (rated for need of equipment) Warranty: 2 years for parts and services	1	unit	
	Inclusive delivery, installation, reinstallation, training, calibration and preventive maintenance	<u> </u>		
15	CRITICAL POINT DRYER Fully automated, reproducible and controlled processes ensure high sample quality every run; Must include the following: (a) Large viewing	1	unit	

16	 window (b) Sample holders -wide variety of sample holders for different sample sizes (c) Integrated liquid waste separator ensures safe and easy disposal of exchange fluid (d) Temperature and pressure gauges (e) Safety over pressure bursting disc (f) Chiller Heater (g) Flexible CO2 connector, water hoses, and valves (h) Liquid CO2 gas, gas tanks, regulator, gauges, and gas Piping (i) Table (j) 1 unit AVR and 1 unit UPS (rated for need of equipment) Warranty: 2 years for parts and services Inclusive delivery, installation, reinstallation, training, calibration and preventive maintenance PNEUMATIC OPTICAL TABLE DIMENSION: 1500 x 1500 mm or wider MINIMUM THICKNESS: 300 mm CORE: Steel Honeycomb core structure, minimum 0.25 mm thick foil; MINIMUM CORE CELL SIZE: 2.9 cm2 MINIMUM CORE SHEAR MODULUS : 275,000 psi SURFACE FLATNESS: +/- 0.1mm over 600 mm2; TOP SKIN: 430 series ferromagnetic stainless steel, minimum 4.0 mm thick; BOTTOM SKIN: minimum 4.5 mm thick stainless steel SIDE WALLS: minimum 2.0 mm thick steel plate; Must include Pneumatic support with Tie-Bars with following specifications: ISOLATION SYSTEM: Pneumatic isolation; MINIMUM HEIGHT SUPPORT: 500 mm; - Resonant Frequency: Vertical/Horizontal = 1.2 - 1.7 Hz; Vibration Isolation at 10 Hz: Vertical/Horizontal = 80-95 % Maximum Load Capacity: 500 kg Automatic Leveling: YES; Height adjustment: +/- 20 mm Must include Air Compressor with following specifications: OPERATING PRESSURE: 40-80 psi; with pressure control; AIR DELIVERY: 30L/min at 80 psi; TANK CAPACITY: 13 Liters; MAX AIR PRESSURE: 115 psi; ELECTRICAL POWE: 220V/60Hz; NOISE LEVEL: 40 Db 	1	unit	
	Warranty: 2 years for parts and services Inclusive delivery, installation, reinstallation, training, calibration and preventive maintenance			
17	UNINTERRUPTIBLE POWER SUPPLY (UPS) TYPE: Double Conversion Online UPS CAPACITY: 10KVA INPUT: 220- 230VAC, Single Phase, 40~60Hz±0.2 PF >0.98 or better OUTPUT: 220VAC, 40~60Hz±0.2 Pure Sine Wave, with terminal block with cover and with 5-15R optional socket. PROTECTION: Lightning, Surge, Short Circuit and Overload Protection BATTERY: Maintenance free valve regulated lead acid (VRLA) battery, Recharge time 7 hours to 90% capacity, > 10 minutes backup time. CHARGING TYPE: Float or Trickle DISPLAY: Multi line LCD display with multi-functionality control (Line, Inverter, Bypass, Battery) AUDIBLE ALARM: Battery mode, Overload, Fault, Battery low, Bypass mode, L/N inverse	3	units	
	Warranty: 2 years on parts and services, 12 months on battery FOR INSTITUTE OF AQUACULTURE			
18	MICROLITER SPECTROPHOTOMETER Absorbance Accuracy: 3% (at 0.74 Abs at 350 nm) Certifications/Compliance: UL/CSA and CE Detector Type: 2048-element linear silicon CCD array Wavelength Accuracy: ±1nm Absorbance Range: 0 - 300 Abs Accuracy: 0.002 *SD of 10 individual measurements at 0.74 Abs Applications: Nucleic acid, protein, cell culture and custom methods Connections: USB Description: Microvolume Spectrophotometer easy to use: pipet sample directly onto the pedestal Detection Range: 2-15,000ng/µL (dsDNA), 0.10 - 400mg/mL (BSA) Footprint: 14 x 20cm Lamp: Xenon flash lamp Measurement Time: <5 sec. No. of Samples: 1 Sample Volume (Metric): 0.5-2.0µL Spectral Resolution: ≤1.8nm (FWHM at Hg 253.7) System Requirements: Microsoft Windows 10 Professional (32-bit and 64-bit), Windows 8 (32- and 64-bit), and Windows 10 Pro (64-bit) Type: Spectrophotometer User-	1	unit	

friendly: easy cleaning feature			
Includes laptop computer compatible with equipment, AVR and UPS rated for equipment, and at least 2 year equipment warranty			
Voltage: 12VDC Wattage: 5W Wavelength range: 190 - 840 nm with preconfigured methods for A260/A280 Weight (Metric): 2.0 kg			
Warranty: 2 years for parts and services Includes delivery, installation, training, calibration and preventive maintenance			
D.O. METER Handheld dissolved oxygen meter for field and lab use connector: military spec waterproof with bayonet lock Parameters measured: dissolved oxygen, temperature Unit of measure: °C-temperature, mg/L- DO Precision: 0 to 50 mg/L and 0 to 500% Flow cell: single Power: 2 alkaline C-cells provide 450 continuous hours at ambient temperature without backlight User-replaceable cables and sensors easy DO calibrations within 3 seconds with the press of a button Quick response times; 95% response time in approximately 8 seconds with standard membrane impact-resistant, waterproof case even without the battery cover Includes: DO probe, 4 meter field cable assembly and management kit, weighted probe guard, calibration cup, 2 C alkaline batteries, installation tool and user manual	1	unit	
Warranty: 2 Years on cable and probe, 3 years on instrument			
Sample capacity: 96 x 0.2 ml tubes, 0.2 ml tube strips, or 1 x 96-well plate Maximum ramp rate: 4 °C/sec Average ramp rate: 2.5°C/sec Temperature range: 4–100°C Temperature accuracy: ± 0.5 °C of programmed target Temperature uniformity: ± 0.5 °C well-to-well within 30 sec of arrival at target temperature Input power: 100–150 VAC, 50–60 Hz; 220–240 VAC, 50–60 Hz; 700 W maximum Display : 5.7' VGA color touch screen, touch screen interface with > 5" colored display Port: 1 USB A Memory: 500 typical programs; unlimited with USB flash drive expansion Dimensions (W x D x H): 26 x 47 x 23 cm (10 x 18 x 9') Weight: 9 kg (20 lb) Gradient: capable Gradient range: 30–100°C Temperature differential range: 1–25°C Memory: 500 typical programs and unlimited memory with USB flash drive expansion; protocols can be organized using personalized folders Includes: touch screen protector, tube support ring, user manual and quick guide, AVR and UPS rated for the equipment Warranty: 2 years for parts and services Includes delivery, installation, training, calibration and preventive maintenance			
pH METER Benchtop pH meter complete with pH electrode, ATC probe, electrode stand, software and calibration buffers (pH 4, 7, 10) Price estimate P50,000.00 per unit Specifications: Measures: pH, ORP (mV/Rel. mV), and temperature(°C or °F) pH Range: -2.000 to 20.000 pH Resolution: 0.1/0.01/0.001 pH Accuracy: $\pm 0.002 + LSD$ pH Calibration Up to 6 preset or 5 custom with auto buffer recognition of USA, DIN, NIST, User-defined, and Custom buffer sets mV Range: -2000.0 to 2000.0 mV Resolution: 0.1 mV Accuracy: $\pm 0.2 \text{ mV}$ Calibration: Offset up to $\pm 150 \text{ mV}$ Temperature Range: 32 to 212°F (0.0 to 100.0°C) Temperature Resolution: 0.1°F or °C Temperature Accuracy: $\pm 0.5^{\circ}\text{F}$ or $\pm 0.3^{\circ}\text{C}$ Temperature Calibration: Offset 0.1°C increments up to $\pm 5^{\circ}\text{C}/\pm 9^{\circ}\text{F}$ Memory: Up to 500 data sets with time-date stamping for GLP compliance RS-232 Bi-directional RS-232; includes software Dimensions: 6 1/8" x 6 7/8" x 2 3/4" (15.5 x 17.5 x 6.9 cm)	2	units	
	Voltage: 12VDC Wattage: 5W Wavelength range: 190 - 840 nm with preconfigured methods for A260/A280 Weight (Metric): 2.0 kg Warranty: 2 years for parts and services Includes delivery, installation, training, calibration and preventive maintenance D.O. METER Handheld dissolved oxygen meter for field and lab use connector: military spec waterproof with bayonet lock Parameters measured: dissolved oxygen, temperature Unit of measure: °C-temperature, mg/L- DO Precision: 0 to 50 mg/L and 0 to 500% Flow cell: single Power: 2 alkaline C-cells provide 450 continuous hours at ambient temperature without backlight User-replaceable cables and sensors easy DC calibrations within 3 seconds with the press of a button Quick response times; 95% response time in approximately 8 seconds with standard membrane impact-resistant, waterproof case even without the battery cover Includes: DO probe, 4 meter field cable assembly and management kit, weighted probe guard, calibration cup, 2 C alkaline batteries, installation tool and user manual Warranty: 2 Years on cable and probe, 3 years on instrument PCR MACHINE Sample capacity: 96 x 0.2 ml tubes, 0.2 ml tube strips, or 1 x 96-well plate Maximum ramp rate: 4 °C/sec Average ramp rate: 2.5°C/sec Temperature range: 4-100°C Temperature accuracy: ±0.5°C of htz; 220-240 VAC, 50-60 Hz; 700 W maximum Display : 5.7' VGA color touch screen, touch screen interface with > 5° colored display Port: 1 USB A Memory: 500 typical programs; unlimited with USB flash drive expansion Dimensions (W x D x H): 26 x 47 x 23 cm (10 x 18 x 9) Weight 9 kg (20 1b) Gradient: capable Gradient range: 30-100°C Temperature differential range: 1-25°C Memory: 500 typical programs and unlimited memory with USB flash drive expansion; protocols can be organized using personalized folders Includes: touch screen protector, tube support ring, user manual and quick guide, AVR and UPS rated for the equipment Warranty: 2 years for parts and services Includes delivery, installation, training, calibration and preventive maintenan	Includes laptop computer compatible with equipment, AVR and UPS rated for equipment, and at least 2 year equipment warranty Voltage: 12VDC Wattage: 5W Wavelength range: 190 - 840 nm with preconfigured methods for A260/A280 Weight (Metric): 2.0 kg Warranty: 2 years for parts and services Includes delivery, installation, training, calibration and preventive maintenance D.O. METER Handheld dissolved oxygen meter for field and lab use connector: military spec waterproof with bayonet lock Parameters measured: dissolved oxygen, temperature Unit of measure: °C-temperature, mg1-DO Precision: 0 to 50 mg1 and 0 to 500% Flow cell: single Power: 2 alkaline C-cells provide 450 continuous hours at ambient temperature without backlight User-replaceable cables and sensors easy DO calibrations within 3 seconds with the press of a button Quick response times; 95% response time in approximately 8 seconds with standard membrane impact-resistant, waterproof case even without the battery cover Includes: DO probe, 4 meter field cable assembly and management kit, weighted probe guard, calibration cup, 2 C alkaline batteries, installation tool and user manual Warranty: 2 Years on cable and probe, 3 years on instrument PCR MACHINE Sample capacity: 96 x 0.2 ml tubes, 0.2 ml tube strips, or 1 x 96-well plate Maximum many rate: 4 ''Osec Average ramp rate: 2.5''C/sec Temperature range: 4-100'C Temperature accuracy: ±0.5'C of programmed target Temperature linofrmity: ±0.5''C well-to-well within 30 sec of ariva at target temperature injut power. 100-150 VAC, 50-60 Hz; 220-240 VAC, 50-60 Hz; 700 W maximum Display: 5.7' VGA color touch screen, touch screen interface with 5''s colored display Port: 1 USB A Memory: 500 typical programs; unlimited with USB flash drive expansion Dimensions (W X D x H): 26 x 47 x 23 cm (10 x 18 x 9) Weight: 9 kg (20 lb) Gradent capable Gradient range: 30-100'C Temperature differential range: 1-25'C Memory: 500 typical programs and unlimited memory with USB flash drive expansion; protocols can be rogranized using per	Includes laptop computer compatible with equipment, AVR and UPS rated for equipment, and at least 2 year equipment warranty Voltage: 12VDC Wattage: 5W Wavelength range: 190 - 840 nm with preconfigured methods for A260/A280 Weight (Metric): 2.0 kg Warranty: 2 years for parts and services Includes delivery, installation, training, calibration and preventive maintenance. D.O. METER Handheld dissolved oxygen meter for field and lab use connector: military spec waterproof with bayonet lock Parameters measured: dissolved oxygen, temperature Unit of measure: 'C-temperature, mg1-D OP recision: 0 to 50 mg1, and 0 to 500% Flow cell: single Power: 2 alkaline C-cells provide 450 continuous hours at ambient temperature without backlight User-replaceable cables and sensors easy DO calibrations with the gress of a button Quick response times; 95% response time in approximately 8 seconds with standard membrane impact-resistant, waterproof case even without the battery cover Includes: DO probe, 4 meter field cable assembly and management kit, weighted probe guard, calibration cup, 2 C alkaline batteries, installation tool and user manual Warranty: 2 Years on cable and probe, 3 years on instrument 1 unit PCR MACHINE 1 unit Sample capacity: 66 x 0.2 ml tubes, 0.2 ml tube strips, or 1 x 96-well plate Maximum ramp rate: 4 ''Cloce Average ramp rate: 25: Close of programmed target Temperature uniformity: ±05 'C vell-to-well within 30 sec of arriva at target temperature inform ty: ±05''C well-to-well within 30 sec of arriva at target temperature inform ty: ±05''C vell-to-well within 30 sec of arriva at target temperature strips on 1 x 96 well 1 unit <td< td=""></td<>

Includes universal power adapter, USB cable for data transfer, quick start guide and user manual		
Warranty: 2 years for parts and services Includes delivery, installation, training, calibration and preventive maintenance		



UNIVERSITY OF THE PHILIPPINES VISAYAS

BIDS AND AWARDS COMMITTEE Miagao, Iloilo, Philippines 5023 Telephone/Telefax Nos. (033)3159632 loc 247/ 3159858 email:supply_property@yahoo.com

Name of Project: Supply of Various Laboratory Equipment for IFPT, RRC, and IA

CHECKLIST OF ELIGIBILITY REQUIREMENTS

i)	PhilGEPS Certificate of Registration (Platinum Membership) with attached Annex "A"
ii)	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.
iii)	Statement of the bidder's Single Largest Completed Contract (SLCC) similar to the contract to be bid, except under conditions provided for in Sections 23.4.1.3 and 23.4.2.4 of this IRR, within the relevant period as provided in the Bidding Documents in the case of Goods. All of the above statements shall include all information required in the BDs prescribed by the GPPB
 iv)	The prospective bidder's computation of Net Financial Contracting Capacity (NFCC).
v)	If applicable a Valid Joint Venture Agreement
	Joint Venture bidders shall submit a Joint Venture Agreement in accordance with R.A. 4566 and its IRR. Each partner of the joint venture shall submit their respective PhilGEPS Certificates of Registration in accordance with Section 8.5.2 of IRR. The submission of technical and financial eligibility documents by any of the joint venture partners constitutes compliance: Provided, That the partner responsible to submit the NFCC shall likewise submit the Statement of all of its ongoing contracts and Audited Financial Statements.
 vi)	Questionnaire for prospective bidders (duly accomplished and notarized)



UNIVERSITY OF THE PHILIPPINES VISAYAS

BIDS AND AWARDS COMMITTEE Miagao, Iloilo, Philippines 5023 Telephone/Telefax Nos. (033)3159632 loc 247/ 3159858 email:supply_property@yahoo.com

Name of Project:

Supply of Various Laboratory Equipment for IFPT, RRC, and IA

CHECKLIST OF ELIGIBILITY REQUIREMENTS (For : NON- Platinum PhilGEPS Membership)

	1.	PhilGEPS Certificate of Registration					

Class "A" Legal Documents

1.	Registration certificate from SEC, Department of Trade and Industry (DTI) for sole proprietorship, or CDA for cooperatives, or any proof of such registration as stated in the Bidding Documents
2.	Mayor's permit issued by the city or municipality where the principal place of business of the prospective bidder is located
3.	Tax Clearance Certificate per E.O.398, s. 2005

Class "A" Technical Documents

1.	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. The statement shall include all information required in the BDS prescribed by the GPPB
2.	Statement of the bidder's Single Largest Completed Contract (SLCC) similar to the contract to be bid, except under conditions provided for in Sections 23.4.1.3 and 23.4.2.4 of this IRR, within the relevant period as provided in the Bidding Documents in the case of Goods. All of the above statements shall include all information required in the BDs prescribed by the GPPB

Class "A" Financial Documents

		The prospective bidder's audited financial statement's 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 date of bid submission	
	2.	The prospective bidder's computation for its Net Financial Contracting Capacity (NFCC)	

Class "B" Documents

1	1.	If applicable, a Valid joint venture agreement (JVA)			
		JV bidders shall submit a JVA in accordance with R.A. 4566 and its IRR. Each partner of the joint venture shall submit their respective PhilGEPS Certificate of Registration in accordance with Sec. 8.5.2. of IRR of RA 9184. The submission of technical and financial eligibility documents by any of the joint venture partners constitutes compliance: Provided, that the partner responsible to submit the NFCC shall likewise submit the Statement of all its ongoing contracts and Audited Financial Statements.			
2	2.	Questionnaire for prospective bidders (duly accomplished and notarized)			

Note: Any missing document in the above-mentioned checklist is a ground for outright rejection of the bid.



UNIVERSITY OF THE PHILIPPINES VISAYAS BIDS AND AWARDS COMMITTEE Miagao, Iloilo, Philippines 5023 Tel Nos. 3159632 loc 247/3159858 (SITELCO) email: upvbac@yahoo.com

Name of Project: Supply of Various Laboratory Equipment for IFPT, RRC, and IA

CHECKLIST OF TECHNICAL DOCUMENTS

The Technical Component shall contain the following:

1.	Bid Security in the prescribed form, amount and validity period
2.	Technical specifications (which may include production/delivery schedule, manpower requirements and/or after sales, services/parts, if applicable)
3.	Authority of the Signatory
	The signatory is the duly authorized representative of the prospective bidder, and granted full power and authority to do, execute and perform any and all acts necessary and/or to represent the prospective bidder in the bidding, with the duly notarized Secretary's certificate attesting to such fact, if the prospective bidder is a corporation, cooperative, or a joint venture
	If the person attending the bidding is not the signatory, an authorization for the concerned person to attend the bidding must be executed by the prospective bidder and should be included in the bidding documents submitted.
4.	Omnibus Sworn Statement

Note: Any missing document in the above-mentioned checklist is a ground for outright rejection of the bid.

Business Name : Business Address : Name of Contract/ Project Cost	a. Owner's Name b. Address c. Telephone Nos.	Nature of Work	Bidder's Role	a. Date Awardedb. Date Startedc. Date of Completion	% of Accomplishment Planned Actual	Value of Outstanding Works/Undelivered Portion
<u>Government</u>						
<u>Private</u>						
Note: This statement sha Notice of Award and/					Total Cost	
Submitted by : Designation : Date :	(Printed Name 8					

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

Statement identifying the Bidder's <u>Single Largest Completed Contract similar in nature</u> within the relevant period of five (5) years as provided in the bidding documents

Contract to be Bid Business Name Business Address:

:

Name of Client	a. Owner's Name b. Address c. Telephone Nos.	Title of the Project in the Contract	Nature of Work	a. Date Awarded b. Contract Effectivity c. Date Completed	Contractor's Role (whether sole contra- subcontractor, or p in a JV)	actor, artner	a. Total Contract Value at Award b. Total Contract Value at Completion c. Contract Duration
Government					Description	%	
<u>Private</u>							

Note: This statement shall be supported with:

1. Notice of Award and/or Contract

2. Notice to Proceed issued by the Owner

3. Owner's Certificate of Final Acceptance or Certificate of Completion

:

:

:

4. Constructors Performance Evaluation Summary (CPES) Final Rating, which must be satisfactory, if applicable

Submitted by

Designation

(Print Name and Signature)

Designati Date

COMPUTATION OF NET FINANCIAL CONTRACTING CAPACITY

A. Summary of the Applicant Supplier's/Distributor's/Manufacturer's assets and liabilities on the basis of the attached income tax return and audited financial statement, stamped "RECEIVED" by the Bureau of Internal Revenue or BIR authorized collecting agent, for the immediately preceding year and a certified copy of Schedule of Fixed Assets particularly the list of construction equipment.

Year 20	Amount
Total Assets	
Current Assets	
Total Liabilities	
Current Liabilities	
Net Worth (1-3)	
Net Working Capital (2-4)	

B. The Net Financial Contracting Capacity (NFCC) based on the above data is computed 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, conciding 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 (AFS) submitted to the BIR.

The Bidder shall attach the AFS to the NFCC Computation for Eligibility Check Form.

NFCC=P

Submitted By:

Name of the Firm/Contractor

Signature of Authorized Representative

NOTE:

If Partnership or Joint Venture, each Partner or Member Firm of Joint Venture shall submit the requirements.

Name of the Procuring Entity: UNIVERSITY OF THE PHILIPPINES VISAYAS

KNOW ALL MEN BY THESE PRESENTS:

JOINT VENTURE AGREEMENT

That Between				AGREEMENT		into	2	and
		Name				Desig	nation	
Owner/proprie	etor of							
				Name of Comp	bany			
And a residen Address	t of of the Bi							
а	nd							
				, of leg	al age			
		Name	2	, or leg	gai age,		Civil S	
Owner/proprie	etor					, a re	esident o	of
			Name o	of Company				

That both parties agree to join together their capital, manpower, equipment and other resources and efforts to enable the Joint Venture to participate in the Eligibility Check, Bidding and Undertaking of the hereunder stated Contract of the (Name of the Procuring Entity).

NAME OF THE PROJECT	CONTRACT AMOUNT

That both parties agree to be jointly and severally liable for their participation in the Eligibility Check, Bidding and Undertaking of the said contract.

That both parties agree that _______and/or_____ Shall be the official Representative of the Joint Venture, and are granted full power and authority to do, execute and perform any and all acts necessary and/or to represent the Joint Venture in the Eligibility Check, Bidding and Undertaking of the said contract, as fully and effectively and the Joint Venture may do and if personally present with full power of substitution and revocation.

That this Joint Venture Agreement shall remain in effect only for the above stated Contracts until terminated by both parties.

Done this ______ day of ______ 2020.

If the bidder is a joint venture, one of the requirements for Eligibility is the submission of a valid joint venture agreement

University of the Philippines Diliman Quezon City

QUESTIONNAIRE FOR PROSPECTIVE BIDDERS

(additional requirement for eligibility)

1. Have you ever participated in any bidding in the University of the Philippines System?

Yes	No

If YES, fill up the table below. Use additional pages if necessary.

Constituent University/ UP Campus	Name of Project	Amount of Project	Duration Start/ End	Status (On-going/ completed)

2. Has your company ever been suspended or blacklisted by the University of the Philippines System?

Yes	No

If YES, fill up the table below. Use additional pages if necessary.

Constituent University/ UP Campus	Name of Project	Amount of Project	Duration Start/ End	Status (On-going/ lifted)

 3. Has your company ever been suspended or blacklisted by any government agency or private company?
 Yes
 No

If YES, fill up the table below. Use additional pages if necessary.

Constituent University/ UP Campus	Name of Project	Amount of Project	Duration Start/ End	Status (On-going/ lifted)

4. Has there ever been any project of your company in the University of the Philippines that was terminated by Administration?

YES	NO	NA

If YES, fill up the table below. Use additional pages if necessary.

Constituent University/ UP Campus	Name of Project	Reason for termination	Date of Termination

- 5. Do you certify that all documents submitted by your ves No Yes No
- 6. Is there any pending investigation and/or case filed against your company or your personnel to any court or any similar institutions in relation to any government contracts awarded to your company? In relation to practice of profession of any personnel?

Yes	No

If YES, fill up the table below. Use additional pages if necessary.

For Company

Case Filed	Where Filed	Data Filed	Status (On- going/ resolved)	Remarks

For Personnel

Name of Personnel & Designation	Case Filed	Where Filed	Data Filed	Status (On- going/ resolved)	Remarks

I hereby certify that all statements and information provided herein are complete, true and correct.

Name & Signature of Bidder's: _____

Authorized Representative:

Official Designation: ______ Company: ______

Date:

ACKNOWLEDGEMENT

 SUBSCRIBED AND SWORN to before me this ______ day of

 _______, 2021, affiant exhibited to me his/her Community Tax Certificate No.

 _________ issued
 on

 at_______, Philippines.

Notary Public
Until 31 December 2021
PTR No. :
Issued at :
Issued on:
TIN No. :

Doc. No	
Page No.	
Book No	
Series of	

BID-SECURING DECLARATION

[revised 2015]

Bidding Activity No./Description:

To:

UNIVERSITY OF THE PHILIPPINES VISAYAS

I/We, the undersigned, declare that:

1.	I/We is/are	[if sole proprietorship:	the registered F	Proprietor/Owner of "(<i>name of firm)"];</i> or
		[if partnership:	the Managing F	Partner of "(name of firm)"]; or
		[if corporation or other a	association:	the duly-authorized representative of "(name
of			corpora	ation/association")],

hereinafter called "the BIDDER".

2. I/We and the Bidder 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.

3. I/We hereby declare, on behalf of and with full authorization from the Bidder, that as security for the Bid that it is submitting therein ("the **BID**"), I/We and the Bidder unconditionally accept that:

(a) I/We/It will be automatically disqualified from bidding for any contract in all government procuring activities for a period of two (2) years upon receipt of your Blacklisting Order; and,

(b) I/We/It will pay the applicable fine provided under Section 5 hereof if I/we/it commit/s any of the following acts:

(i) Withdraw/s the Bid during the period of bid validity required in the Bidding Documents; or

(ii) Fail/s or refuse/s to accept the award and enter into contract or perform any and all acts necessary to the execution of the Contract, in accordance with the Bidding Documents, after having been notified of your acceptance of my/our/its Bid during the period of bid validity; or

(iii) Commit/s any act/s resulting to the forfeiture of bid security under Sections 23.1(b), 34.2, 40.1 and 69.1, except 69.1(f), of the IRR of RA 9184 and/or any other applicable provision/s of RA 9184 and/or its Implementing Rules and Regulations.

4. I/We/It understand/s that this Bid-Securing Declaration shall cease to be valid under the following circumstances:

- (a) Upon expiration of the bid validity period, or any extension thereof pursuant to your request; or
- (b) When all bids are declared ineligible or post-disqualified and, upon receipt of your notice to such effect, and (i) I/we/it fail/s to timely file a request for reconsideration; or (ii) I/we/it file/s a waiver to avail of said right; or
- (c) When I/we/it am/are/is declared as the bidder with the Lowest Calculated and Responsive Bid/Highest Rated and Responsive Bid, and I/we/it shall have furnished the required performance security and signed the Contract.

5. In accordance with Section 3(b) above, I/We/It agree/s to pay you a fine, within fifteen (15) days from receipt of written demand and without prejudice to other legal action/s you may undertake, as follows:

i) In case of multiple bidders:

Two Percent (2%) of the Approved Budget for the Contract (ABC) or the Difference between the evaluated bid prices of the bidder with the Lowest Calculated/Highest Rated Bid and the bidder with the next Lowest Calculated/Highest Rated Bid, and so on, whichever is HIGHER;

As regards the bidder with the Highest Calculated/Lowest Rated Bid, the amount shall be Two Percent (2%) of the ABC or the Difference between the evaluated bid price and the ABC, whichever is HIGHER;

ii) In case of a single bidder:

Two Percent (2%) of the ABC or the Difference between the evaluated bid price and the Approved Budget for the Contract, whichever is HIGHER.

iii) Violations committed prior to opening of financial envelope:

A fix amount equivalent to two percent (2%) of the ABC.

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

[Insert BIDDER'S FIRM NAME]

[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 ____. Name of the Procuring Entity: UNIVERSITY OF THE PHILIPPINES VISAYAS Name of Project:

BID SECURITY: BANK GUARANTEE

WHEREAS, _____ (hereinafter (Name of the Bidder) called "the Bidder") has submitted his bid dated for the above-mentioned projects of the University. KNOW ALL MEN by these presents that we ____ (Name of the Bank) _____ having our registered office at of _ _ (hereinafter called "the Bank") are bound unto UNIVERSITY OF THE PHILIPPINES VISAYAS (hereinafter called the "Entity) in the sum of for which payment well and truly to be made to the said UNIVERSITY, the Bank binds himself, his successors and assigns by these presents. SEALED with the Common Seal of the said Bank this day of , 2021. THE CONDITIONS of this obligation are that: if the Bidder withdraws his Bid during the period of bid validity specified in the Form of Bid; or if the Bidder does not accept the correction of arithmetical errors of his bid price in accordance with the Instructions to Bidder: or if the Bidder having been notified of the acceptance of his bid and award of contract to him by the Entity during the period of bid validity: a. fails or refuses to execute the Form of Contract in accordance with the Instruction to Bidders, if required; or b. fails or refuses to furnish the Performance Security in accordance with the Instructions to Bidders; we undertake to pay to the UNIVERSITY OF THE PHILIPPINES VISAYAS up to the above amount receipt of his first written demand, without the UNIVERSITY OF the PHILIPPINES VISAYAS having to substantiate its demand, provided that in his demand the UNIVERSITY will note that the amount

claimed by it is due to the occurrence of any one or the combination of the three (3) conditions stated above. The Guarantee will remain in force up to and including the date _____

days after the deadline for submission of Bids as such deadline is stated in the Instructions to Bidders or as it may be extended by the UNIVERSITY, notice of which extension to the Bank is hereby waived. Any demand in respect of this Guarantee should reach the Bank not later than the above date.

Date:	Signature of the Bank:	
WITNESS	SEAL	
VVIIINESS	SEAL	

(Signature, Name and Address)

(SAMPLE FORM)

Name of the Procuring Entity: UNIVERSITY OF THE PHILIPPINES VISAYAS

AUTHORITY OF SIGNATORY SPECIAL POWER OF ATTORNEY

I,			, President of _		,
corporatio	n incorporate	d under the laws o	of the Philippine Stan	dard Laws with	, a
			, by	virtue of Bo	pard Resolution No
	dated	d t	, I	nas made, cons	stituted and appointed
				true a	nd lawful attorney, fo
it	(Name	of the Authorized Repre	esentative)		
		and stead, to do,		n any and all a	acts necessary and/o
•			(Name of the Com	pany)	
in the bide	ding of the pro	oject:			
					wer of substitution and
		confirming all that	said representative sh	all lawfully do o	r cause to be done by
virtue here	eof.				
IN			have hereunto s		
		, 2021	at		
		Sign	ed in the Presence of		
		Sign		,	
			ACKNOWLEDGME	NT	
REPUBLI	C OF THE PH				
	• · · · · · · · · · · · · · · · · · · ·) S.S.			
DI		Notary Public for	and in	Philippipos	this day of
DI	LFORE ME, a	2020), personally appeared	<u>, Friiiippines,</u>	uns uay oi
		, 2020	, personally appeared	J.	
N	AME		CTC NO.	IS	SUED AT/ON
<u></u>			<u></u>	. <u></u>	
longer to		ma known to bo	the eere eeree		for a colo a la atruma an

known to me and to me known to be the same person who executed the foregoing instrument consisting of ______ () pages, including the page whereon the acknowledgments is written and acknowledged before me that the same is his free and voluntary act and deed and that of the Corporation he represents.

WITNESS MY HAND AND NOTARIAL SEAL, at the place and on the date first above written.

Notary Public

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Note: The Authority of the Signature is a requirement in the Technical Envelope. For Single Proprietorship, there must be an affidavit of the owner or a Special Power of Attorney; for Partnership, a partnership resolution from the General Manager or President; for Corporation, a board resolution with secretary's certificate; for Joint Venture, a resolution signed by all the joint-venture partners.

AUTHORITY OF SIGNATORY SECRETARY'S CERTIFICATE (For Corporation)

l,	, a duly elected and qualified Corporate
Secretary of(Name of the Company)	, a corporation duly organized and
existing under and by virtue of the law of the Philippine	
I am familiar with the facts herein certified and	duly authorized to certify the same:
At the regular meeting of the Board of Director held ona acting throughout, the following resolutions were app revoked and amended in any way whatever and are in	
RESOLVED, that	be, as it hereby is,
(Name of the Compa	ny)
authorized to participate in the bidding of the project:	
by the University of the Philippines Visayas; and	that if awarded the Contract shall enter into a
appoints	/isayas ; and in connection therewith hereby , acting as duly
appoints (Name of the authorized rep	/isayas ; and in connection therewith hereby , acting as duly
appoints (Name of the authorized rep	/isayas ; and in connection therewith hereby, acting as duly, resentative)
appoints	/isayas ; and in connection therewith hereby, acting as duly, resentative)
appoints(Name of the authorized rep authorized and designated representative of granted full power and authority to do, execute and	/isayas; and in connection therewith hereby , acting as duly , are , are , are , perform any and all acts necessary and/or to
appoints(Name of the authorized rep authorized and designated representative of granted full power and authority to do, execute and	/isayas; and in connection therewith hereby , acting as duly resentative) , are , are
appoints(Name of the authorized rep authorized and designated representative of granted full power and authority to do, execute and represent(Name of the Company)	/isayas; and in connection therewith hereby , acting as duly , are , are , are , are , perform any and all acts necessary and/or to in the biding as fully and
appoints(Name of the authorized rep authorized and designated representative of granted full power and authority to do, execute and represent	/isayas; and in connection therewith hereby , acting as duly , are , are , are , are , are , are , are , are
appoints(Name of the authorized rep authorized and designated representative of granted full power and authority to do, execute and represent (Name of the Company) effectively as the present with full power of substitution and revocation a said representative shall lawfully do or cause to be don RESOLVED FURTHER THAT, the Board here	/isayas; and in connection therewith hereby , acting as duly , are , are , are , are , are
appoints(Name of the authorized rep authorized and designated representative of granted full power and authority to do, execute and represent (Name of the Company) effectively as the present with full power of substitution and revocation a said representative shall lawfully do or cause to be don RESOLVED FURTHER THAT, the Board here	/isayas; and in connection therewith hereby , acting as duly , are , are , are , are , are
appoints(Name of the authorized rep authorized and designated representative of granted full power and authority to do, execute and represent(Name of the Company) effectively as the(Name of the Company) present with full power of substitution and revocation a said representative shall lawfully do or cause to be don RESOLVED FURTHER THAT, the Board here execute a waiver of jurisdiction whereby the	/isayas; and in connection therewith hereby , acting as duly , are , are , are

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and obtain writ of injunctions or prohibition or restraining order against the AFP or any other agency in connection with this Contract to prevent and restrain the bidding procedures related thereto, the negotiating of and award of a contract to a successful bidder, and the carrying out of the awarded contract

	WITNESS the signature of the undersigned as such officer of the said company this
day of	, 2021.

Corporate Secretary

ACKNOWLEDGMENT

SUBSRIBED AND SWORN to before me this ___day of _____, 2021 affiant exhibited to me his/her Community Tax Certificate No. _____ issued on _____ at ____, Philippines.

Notary Public

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Page No.	;
Book No.	;
Series of	/.

Note: The Authority of the Signature is a requirement in the Technical Envelope. For Single Proprietorship, there must be an affidavit of the owner or a Special Power of Attorney; for Partnership, a partnership resolution from the General Manager or President; for Corporation, a board resolution with secretary's certificate; for Joint Venture, a resolution signed by all the joint-venture partners.

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 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 of *[Name of Bidder]*, I have full power and authority to do, execute and perform any and all acts necessary to represent it in the bidding for *[Name of the Project]* of the *[Name of the Procuring Entity]*;

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 and/or to represent the [Name of Bidder] in the bidding as shown in the attached [state title of attached document showing proof of authorization (e.g., duly notarized Secretary's Certificate issued by the corporation or the members of the joint venture)];

- 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: I am 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 ____, 2021 at _____, Philippines.

Bidder's Representative/Authorized Signatory

 SUBSCRIBED AND SWORN to before me this ______ day of _______, 2021, affiant exhibited to me his/her Community Tax Certificate No. ________ issued on _________, Philippines.

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UNIVERSITY OF THE PHILIPPINES VISAYAS

BIDS AND AWARDS COMMITTEE Miagao, Iloilo, Philippines 5023 Telephone/Telefax No. (033)3159858 / 3158141 / 3159632 loc 247 / 180 email address: supply_property@yahoo.com

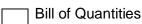
Name of Project: Supply of Various Laboratory Equipment for IFPT, RRC, and IA

CHECKLIST OF FINANCIAL REQUIREMENTS

The Financial Component shall contain the following:



Bid Proposals to be typed in the prescribed UPV Bid Tender Form



Brochures

Note: Any missing document in the above-mentioned checklist is a ground for outright rejection of the bid.



UNIVERSITY OF THE PHILIPPINES VISAYAS

BIDS AND AWARDS COMMITTEE Miagao, Iloilo, Philippines 5023 Telephone/Telefax No. 315-98-58 / 315-41-41 / 315-96-32 loc 180/247 email address: upvbac@yahoo.com

Name of Project: Supply of Various Laboratory Equipment for IFPT, RRC, and IA

UPV BID TENDER FORM

Total Bid Amount in Figures: _____

Total Bid Amount in Words: _____

Bidder's Signature

Printed Name

Name of Company

Address

Telephone Number

BILL OF QUANTITIES

ltem No.	Description	Qty.	Unit	Unit Price	Total Price	Model	Brand
	STITUTE FOR FISH PROCESSING TECHNOLOGY						
1	INCUBATOR	1	unit				
2	DRYING OVEN	1	unit				
3	ROTARY EVAPORATOR	2	unit				
4	MICROSCOPE	20	unit				
5	UV-Vis SPECTROPHOTOMETER	1	unit				
6	KJELDAHL DIGESTER	1	unit				
7	WATER BATH	2	piece				
FOR R	EGIONAL RESEARCH CENTER						
8	HOT PLATE W/ MAGNETIC STIRRER	1	Unit				
9	CLASS II TYPE A2 BIOSAFETY CABINET	1	Unit				
10	COMPOUND MICROSCOPE	1	Unit				
11	WATER (COOLING/HEATING) BATH	1	Unit				
12	HANDHELD OPTICAL REFRACTOMETER	1	Unit				
13	ULTRASONICATOR BATH	1	Unit				
14	ION SPUTTER COATER	1	Unit				
15	CRITICAL POINT DRYER	1	Unit				

16	PNEUMATIC OPTICAL TABLE	1	Unit				
17	UNINTERRUPTIBLE POWER SUPPLY (UPS)	3	Units				
FOR INSTITUTE OF AQUACULTURE							
18	NANODROP SPECTROPHOTOMETER	1	Unit				
19	D.O. METER	1	Unit				
20	PCR MACHINE	1		1	Unit		
21	pH METER	2		2	Units		
TOTAL AMOUNT IN WORDS:							

Bidder's Signature

Printed Name

Name of Company

Address

Telephone Number