



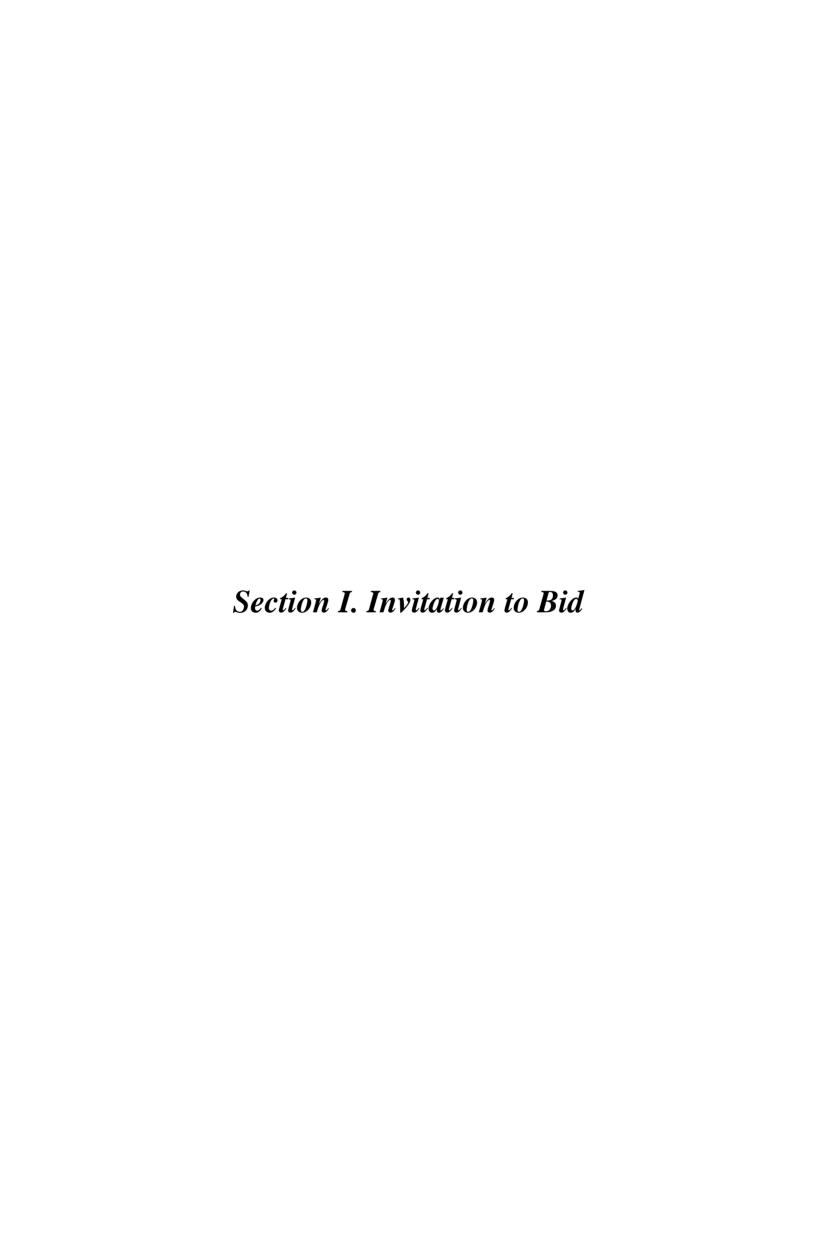
BIDDING DOCUMENT FOR THE

SUPPLY AND DELIVERY OF VARIOUS LABORATORY SUPPLIES AND CHEMICALS FOR CBC, CPD & PBBD UNDER PB 19-01-05



TABLE OF CONTENTS

SECTION I. INVITATION TO BID	3
SECTION II. INSTRUCTIONS TO BIDDERS	4
SECTION III. BID DATA SHEET	32
SECTION IV. GENERAL CONDITIONS OF CONTRACT	36
SECTION V. SPECIAL CONDITIONS OF CONTRACT	50
SECTION VI. SCHEDULE OF REQUIREMENTS	55
SECTION VII. TECHNICAL SPECIFICATIONS	64
SECTION VIII. BIDDING FORMS	69



INVITATION TO BID FOR THE SUPPLY AND DELIVERY OF VARIOUS LABORATORY SUPPLIES & CHEMICALS FOR CBC, CPD & PBBD UNDER PB 19-01-05

- 1. The Philippine Rice Research Institute, through the 2019 Corporate Fund Budget intends to apply the sum of TWO MILLION NINE HUNDRED THIRTY-TWO THOUSAND SEVEN HUNDRED FIFTY-TWO PESOS AND 08/100 (PhP 2,932,752.08) being the Approved Budget for the Contract (ABC) to payments under the contract for the Supply and Delivery of Various Laboratory Supplies & Chemicals under PB 19-01-05. Bids received in excess of the ABC shall be automatically rejected at bid opening.
- 2. The Philippine Rice Research Institute now invites bids for the **SUPPLY and DELIVERY of VARIOUS LABORATORY SUPPLIES AND CHEMICALS.** Delivery of the Goods is required within **thirty (30) calendar days after receipt of PO/NTP.** Bidders should have completed, within two (2) years from the date of submission and receipt of bids, a contract similar to the Project. The description of an eligible bidder is contained in the Bidding Documents, particularly, in Section II. Instructions to Bidders.

Project	Particulars	ABC	Bid Doc Fee
Project 1. CBC	Laboratory supplies, molecular & biotechnology supplies &	P1,615,290.00	P 1,600.00
Project 2. CPD	chemicals and other common laboratory supplies & chemicals	P 536,204.17	P 500.00
Project 3. PBBD	inderactory supplies & chemicals	P 781,257.91	P 700.00

3. Bidding will be conducted through open competitive bidding procedures using a non-discretionary "pass/fail" criterion as specified in the 2016 Revised Implementing Rules and Regulations (IRR) of Republic Act (RA) 9184, otherwise known as the "Government Procurement Reform Act".

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

- 4. Interested bidders may obtain further information from PhilRice and inspect the Bidding Documents at the address given below during office hours from 8:00AM to 5:00PM.
- 5. A complete set of Bidding Documents may be acquired by interested Bidders on **October 31 to November 20, 2018** from the address below upon payment of the applicable fee for the Bidding Documents, pursuant to the latest Guidelines issued by CPPR

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

- 6. The Philippine Rice Research Institute will hold a Pre-Bid Conference **November 8, 2018, 2:00PM** at PhilRice Maligaya, Science City of Muñoz, Nueva Ecija, which shall be open to prospective bidders.
- 7. Bids must be duly received by the BAC Secretariat at the address below on or before **November 20, 2018; 12:00noon.** All Bids must be accompanied by a bid security in any of the acceptable forms and in the amount stated in **ITB** Clause 18.

Bid opening shall be on **November 20, 2018; 2:30PM** at PhilRice Maligaya, Science City of Muñoz, N.E. Bids will be opened in the presence of the bidders' representatives who choose to attend at the address below. Late bids shall not be accepted.

- 8. The Philippine Rice Research Institute reserves the right to reject any and all bids, declare a failure of bidding, or not award the contract at any time prior to contract award in accordance with Section 41 of RA 9184 and its IRR, without thereby incurring any liability to the affected bidder or bidders.
- 9. For further information, please refer to:

Glenda D. Ravelo
Head -Procurement & Property Management Division
BAC Secretariat
PhilRice, Maligaya, Science City of Munoz
Nueva Ecija
Telefax: (044) 456-0650
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EDUARDO JIMMY P. QUILANG
BAC Chairperson

Section II. Instructions to Bidders

TABLE OF CONTENTS

 1. 2. 	Scope of Bid	9
2.		
	Source of Funds	9
3.	Corrupt, Fraudulent, Collusive, and Coercive Practices	9
4.	Conflict of Interest	10
5.	Eligible Bidders	11
6.	Bidder's Responsibilities	12
7.	Origin of Goods	14
8.	Subcontracts	14
Con	TENTS OF BIDDING DOCUMENTS	15
9.	Pre-Bid Conference	15
10.	Clarification and Amendment of Bidding Documents	15
PRE		
11.	Language of Bid	16
12.		
13.		
14.	Alternative Bids	
15.	Bid Prices	19
16.	Bid Currencies	20
17.	Bid Validity	20
18.	Bid Security	20
19.	Format and Signing of Bids	22
20.	Sealing and Marking of Bids	23
SUB	MISSION AND OPENING OF BIDS	23
21.		
22.		
	Reservation Clause	
		2) 29
	4. 5. 6. 7. 8. CON 9. 10. PREI 11. 12. 13. 14. 15. 16. 17. 18. 19. 20. SUB 21. 22. 23. 24. EVA 25. 26. 27. 28. 29. 30. AWA	4. Conflict of Interest 5. Eligible Bidders 6. Bidder's Responsibilities 7. Origin of Goods 8. Subcontracts CONTENTS OF BIDDING DOCUMENTS 9. Pre-Bid Conference 10. Clarification and Amendment of Bidding Documents PREPARATION OF BIDS 11. Language of Bid 12. Documents Comprising the Bid: Eligibility and Technical Components 13. Documents Comprising the Bid: Financial Component 14. Alternative Bids 15. Bid Prices 16. Bid Currencies 17. Bid Validity 18. Bid Security 19. Format and Signing of Bids 20. Sealing and Marking of Bids 21. Deadline for Submission of Bids 22. Late Bids 23. Modification and Withdrawal of Bids 24. Opening and Preliminary Examination of Bids 25. Process to be Confidential 26. Clarification of Bids 27. Domestic Preference 28. Detailed Evaluation and Comparison of Bids 29. Post-Qualification 30. Reservation Clause AWARD OF CONTRACT

32.	Signing of the Contract	30
33.	Performance Security	31
34.	Notice to Proceed	31
35.	Protest Mechanism	37

General

1. Scope of Bid

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

2. Source of Funds

The Procuring Entity has a budget or has received funds from the Funding Source named in the <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 behaviour on the part of officials in the public or private sectors by which they improperly and unlawfully enrich themselves, others, or induce others to do so, by misusing the position in which they are placed, and includes the offering, giving, receiving, or soliciting of anything of value to influence the action of any such official in the procurement process or in contract execution; entering, on behalf of the government, into any contract or transaction manifestly and grossly disadvantageous to the same, whether or not the public officer profited or will profit thereby, and similar acts as provided in RA 3019.
 - (ii) "fraudulent practice" means a misrepresentation of facts in order to influence a procurement process or the execution of a contract to the detriment of the Procuring Entity, and includes collusive practices among Bidders (prior to or after bid submission) designed to establish bid prices at artificial, non-competitive levels and to deprive the Procuring Entity of the benefits of free and open competition.
 - (iii) "collusive practices" means a scheme or arrangement between two or more Bidders, with or without the knowledge of the Procuring Entity, designed to establish bid prices at artificial, noncompetitive 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

- deliberately destroying, falsifying, altering or concealing of evidence material to an administrative proceedings or investigation or making false statements to investigators in order to materially impede an administrative proceedings or investigation of the Procuring Entity or any foreign government/foreign or international financing institution into allegations of a corrupt, fraudulent, coercive or collusive practice; and/or threatening, harassing or intimidating any party to prevent it from disclosing its knowledge of matters relevant to the administrative proceedings or investigation or from pursuing such proceedings or investigation; or
- (bb) acts intended to materially impede the exercise of the inspection and audit rights of the Procuring Entity or any foreign government/foreign or international financing institution herein.
- (b) will reject a proposal for award if it determines that the Bidder recommended for award has engaged in any of the practices mentioned in this Clause for purposes of competing for the contract.
- 3.2. Further, the Procuring Entity will seek to impose the maximum civil, administrative, and/or criminal penalties available under applicable laws on individuals and organizations deemed to be involved in any of the practices mentioned in **ITB** Clause 3.1(a).
- 3.3. Furthermore, the Funding Source and the Procuring Entity reserve the right to inspect and audit records and accounts of a bidder or supplier in the bidding for and performance of a contract themselves or through independent auditors as reflected in the GCC Clause 3.

4. Conflict of Interest

- 4.1. All Bidders found to have conflicting interests shall be disqualified to participate in the procurement at hand, without prejudice to the imposition of appropriate administrative, civil, and criminal sanctions. A Bidder may be considered to have conflicting interests with another Bidder in any of the events described in paragraphs (a) through (c) below and a general conflict of interest in any of the circumstances set out in paragraphs (d) through (g) below:
 - (a) A Bidder has controlling shareholders in common with another Bidder;
 - (b) A Bidder receives or has received any direct or indirect subsidy from any other Bidder:
 - (c) A Bidder has the same legal representative as that of another Bidder for purposes of this bid;
 - (d) A Bidder has a relationship, directly or through third parties, that puts them in a position to have access to information about or influence on the bid of another Bidder or influence the decisions of the Procuring Entity regarding this bidding process;
 - (e) A Bidder submits more than one bid in this bidding process. However, this does not limit the participation of subcontractors in more than one bid;

- (f) A Bidder who participated as a consultant in the preparation of the design or technical specifications of the Goods and related services that are the subject of the bid; or
- (g) A Bidder who lends, or temporarily seconds, its personnel to firms or organizations which are engaged in consulting services for the preparation related to procurement for or implementation of the project, if the personnel would be involved in any capacity on the same project.
- 4.2. In accordance with Section 47 of the IRR of RA 9184, all Bidding Documents shall be accompanied by a sworn affidavit of the Bidder that it is not related to the Head of the Procuring Entity (HoPE), members of the Bids and Awards Committee (BAC), members of the Technical Working Group (TWG), members of the BAC Secretariat, the head of the Project Management Office (PMO) or the end-user unit, and the project consultants, by consanguinity or affinity up to the third civil degree. On the part of the Bidder, this Clause shall apply to the following persons:
 - (a) If the Bidder is an individual or a sole proprietorship, to the Bidder himself;
 - (b) If the Bidder is a partnership, to all its officers and members;
 - (c) If the Bidder is a corporation, to all its officers, directors, and controlling stockholders;
 - (d) If the Bidder is a cooperative, to all its officers, directors, and controlling shareholders or members; and
 - (e) If the Bidder is a joint venture (JV), the provisions of items (a), (b), (c), or (d) of this Clause shall correspondingly apply to each of the members of the said JV, as may be appropriate.

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

5. Eligible Bidders

- 5.1. Unless otherwise provided in the **BDS**, the following persons shall be eligible to participate in this bidding:
 - (a) Duly licensed Filipino citizens/sole proprietorships;
 - (b) Partnerships duly organized under the laws of the Philippines and of which at least sixty percent (60%) of the interest belongs to citizens of the Philippines;
 - (c) Corporations duly organized under the laws of the Philippines, and of which at least sixty percent (60%) of the outstanding capital stock belongs to citizens of the Philippines;
 - (d) Cooperatives duly organized under the laws of the Philippines; and
 - (e) Persons/entities forming themselves into a Joint Venture (JV), *i.e.*, a group of two (2) or more persons/entities that intend to be jointly and severally responsible or liable for a particular contract: Provided, however, that Filipino ownership or interest of the JV concerned shall be at least sixty percent (60%).

- 5.2. Foreign bidders may be eligible to participate when any of the following circumstances exist, as specified in the **BDS**:
 - (a) When a Treaty or International or Executive Agreement as provided in Section 4 of RA 9184 and its IRR allow foreign bidders to participate;
 - (b) Citizens, corporations, or associations of a country, the laws or regulations of which grant reciprocal rights or privileges to citizens, corporations, or associations of the Philippines;
 - (c) When the Goods sought to be procured are not available from local suppliers; or
 - (d) When there is a need to prevent situations that defeat competition or restrain trade.
- 5.3. Government owned or –controlled corporations (GOCCs) may be eligible to participate only if they can establish that they (a) are legally and financially autonomous, (b) operate under commercial law, and (c) are not attached agencies of the Procuring Entity.
- 5.4. Unless otherwise provided in the <u>BDS</u>, the Bidder must have completed a Single Largest Completed Contract (SLCC) similar to the Project and the value of which, adjusted, if necessary, by the Bidder to current prices using the Philippine Statistics Authority (PSA) consumer price index, must be at least equivalent to a percentage of the ABC stated in the **BDS**.

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

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

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

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

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

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

6. Bidder's Responsibilities

- 6.1. The Bidder or its duly authorized representative shall submit a sworn statement in the form prescribed in Section VIII. Bidding Forms as required in ITB Clause 12.1(b)(iii)
- 6.2. The Bidder is responsible for the following:

- (a) Having taken steps to carefully examine all of the Bidding Documents;
- (b) Having acknowledged all conditions, local or otherwise, affecting the implementation of the contract;
- (c) Having made an estimate of the facilities available and needed for the contract to be bid, if any;
- (d) Having complied with its responsibility to inquire or secure Supplemental/Bid Bulletin(s) as provided under **ITB** Clause 10.4.
- (e) Ensuring that it is not "blacklisted" or barred from bidding by the GOP or any of its agencies, offices, corporations, or LGUs, including foreign government/foreign or international financing institution whose blacklisting rules have been recognized by the GPPB;
- (f) Ensuring that each of the documents submitted in satisfaction of the bidding requirements is an authentic copy of the original, complete, and all statements and information provided therein are true and correct;
- (g) Authorizing the HoPE or its duly authorized representative/s to verify all the documents submitted;
- (h) Ensuring that the signatory is the duly authorized representative of the Bidder, and granted full power and authority to do, execute and perform any and all acts necessary and/or to represent the Bidder in the bidding, with the duly notarized Secretary's Certificate attesting to such fact, if the Bidder is a corporation, partnership, cooperative, or joint venture;
- (i) Complying with the disclosure provision under Section 47 of RA 9184 and its IRR in relation to other provisions of RA 3019;
- (j) Complying with existing labor laws and standards, in the case of procurement of services; Moreover, bidder undertakes to:
 - (i) Ensure the entitlement of workers to wages, hours of work, safety and health and other prevailing conditions of work as established by national laws, rules and regulations; or collective bargaining agreement; or arbitration award, if and when applicable.
 - In case there is a finding by the Procuring Entity or the DOLE of underpayment or non-payment of workers' wage and wage-related benefits, bidder agrees that the performance security or portion of the contract amount shall be withheld in favor of the complaining workers pursuant to appropriate provisions of Republic Act No. 9184 without prejudice to the institution of appropriate actions under the Labor Code, as amended, and other social legislations.
 - (ii) Comply with occupational safety and health standards and to correct deficiencies, if any.

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

- (iii) Inform the workers of their conditions of work, labor clauses under the contract specifying wages, hours of work and other benefits under prevailing national laws, rules and regulations; or collective bargaining agreement; or arbitration award, if and when applicable, through posting in two (2) conspicuous places in the establishment's premises; and
- (k) Ensuring that it did not give or pay, directly or indirectly, any commission, amount, fee, or any form of consideration, pecuniary or otherwise, to any person or official, personnel or representative of the government in relation to any procurement project or activity.

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

- 6.3. The Bidder is expected to examine all instructions, forms, terms, and specifications in the Bidding Documents.
- 6.4. It shall be the sole responsibility of the Bidder to determine and to satisfy itself by such means as it considers necessary or desirable as to all matters pertaining to the contract to be bid, including: (a) the location and the nature of this Project; (b) climatic conditions; (c) transportation facilities; and (d) other factors that may affect the cost, duration, and execution or implementation of this Project.
- 6.5. The Procuring Entity shall not assume any responsibility regarding erroneous interpretations or conclusions by the prospective or eligible bidder out of the data furnished by the procuring entity. However, the Procuring Entity shall ensure that all information in the Bidding Documents, including bid/supplemental bid bulletin/s issued, are correct and consistent.
- 6.6. Before submitting their bids, the Bidder is deemed to have become familiar with all existing laws, decrees, ordinances, acts and regulations of the Philippines which may affect this Project in any way.
- 6.7. The Bidder shall bear all costs associated with the preparation and submission of his bid, and the Procuring Entity will in no case be responsible or liable for those costs, regardless of the conduct or outcome of the bidding process.
- 6.8. The Bidder should note that the Procuring Entity will accept bids only from those that have paid the applicable fee for the Bidding Documents at the office indicated in the Invitation to Bid.

7. Origin of Goods

Unless otherwise indicated in the <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 <u>BDS</u>, the Bidder may subcontract portions of the Goods to an extent as may be approved by the Procuring Entity and stated in the <u>BDS</u>. However, subcontracting of any portion shall not relieve the Bidder from any liability or obligation that may arise from the contract for this Project.

- 8.2. Subcontractors must submit the documentary requirements under **ITB** Clause 12 and comply with the eligibility criteria specified in the **BDS**. In the event that any subcontractor is found by the Procuring Entity to be ineligible, the subcontracting of such portion of the Goods shall be disallowed.
- 8.3. The Bidder may identify the subcontractor to whom a portion of the Goods will be subcontracted at any stage of the bidding process or during contract implementation. If the Bidder opts to disclose the name of the subcontractor during bid submission, the Bidder shall include the required documents as part of the technical component of its bid.

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, but not earlier than seven (7) calendar days from the posting of the invitation to bid/bidding documents in the PhilGEPS website. If the Procuring Entity determines that, by reason of the method, nature, or complexity of the contract to be bid, or when international participation will be more advantageous to the GOP, a longer period for the preparation of bids is necessary, the pre-bid conference shall be held at least thirty (30) calendar days before the deadline for the submission and receipt of bids, as specified in the **BDS**.
- 9.2. Bidders are encouraged to attend the pre-bid conference to ensure that they fully understand the Procuring Entity's requirements. Non-attendance of the Bidder will in no way prejudice its bid; however, the Bidder is expected to know the changes and/or amendments to the Bidding Documents as recorded in the minutes of the pre-bid conference and the Supplemental/Bid Bulletin. The minutes of the pre-bid conference shall be recorded and prepared not later than five (5) calendar days after the pre-bid conference. The minutes shall be made available to prospective bidders not later than five (5) days upon written request.
- 9.3 Decisions of the BAC amending any provision of the bidding documents shall be issued in writing through a Supplemental/Bid Bulletin at least seven (7) calendar days before the deadline for the submission and receipt of bids.

10. Clarification and Amendment of Bidding Documents

- 10.1. Prospective bidders may request for clarification on and/or interpretation of any part of the Bidding Documents. Such request must be in writing and submitted to the Procuring Entity at the address indicated in the **BDS** at least ten (10) calendar days before the deadline set for the submission and receipt of Bids.
- 10.2. The BAC shall respond to the said request by issuing a Supplemental/Bid Bulletin, to be made available to all those who have properly secured the Bidding Documents, at least seven (7) calendar days before the deadline for the submission and receipt of Bids.
- 10.3. Supplemental/Bid Bulletins may also be issued upon the Procuring Entity's initiative for purposes of clarifying or modifying any provision of the Bidding Documents not later than seven (7) calendar days before the deadline for the

submission and receipt of Bids. Any modification to the Bidding Documents shall be identified as an amendment.

10.4. Any Supplemental/Bid Bulletin issued by the BAC shall also be posted in the PhilGEPS and the website of the Procuring Entity concerned, if available, and at any conspicuous place in the premises of the Procuring Entity concerned. It shall be the responsibility of all Bidders who have properly secured the Bidding Documents to inquire and secure Supplemental/Bid Bulletins that may be issued by the BAC. However, Bidders who have submitted bids before the issuance of the Supplemental/Bid Bulletin must be informed and allowed to modify or withdraw their bids in accordance with **ITB** Clause 23.

Preparation of Bids

11. Language of Bids

The eligibility requirements or statements, the bids, and all other documents to be submitted to the BAC must be in English. If the eligibility requirements or statements, the bids, and all other documents submitted to the BAC are in foreign language other than English, it must be accompanied by a translation of the documents in English. The documents shall be translated by the relevant foreign government agency, the foreign government agency authorized to translate documents, or a registered translator in the foreign bidder's country; and shall be authenticated by the appropriate Philippine foreign service establishment/post or the equivalent office having jurisdiction over the foreign bidder's affairs in the Philippines. The English translation shall govern, for purposes of interpretation of the bid.

12. Documents Comprising the Bid: Eligibility and Technical Components

- 12.1. Unless otherwise indicated in the <u>BDS</u>, the first envelope shall contain the following eligibility and technical documents:
 - (a) Eligibility Documents –

Class "A" Documents:

- (i) PhilGEPS Certificate of Registration and Membership in accordance with Section 8.5.2 of the IRR, except for foreign bidders participating in the procurement by a Philippine Foreign Service Office or Post, which shall submit their eligibility documents under Section 23.1 of the IRR, provided, that the winning bidder shall register with the PhilGEPS in accordance with section 37.1.4 of the IRR.
- (ii) Statement of all its ongoing government and private contracts, including contracts awarded but not yet started, if any, whether similar or not similar in nature and complexity to the contract to be bid; and

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

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

(ii.1) name of the contract;

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

Class "B" Document:

(iv) If applicable, the Joint Venture Agreement (JVA) in case the joint venture is already in existence, or duly notarized statements from all the potential joint venture partners in accordance with Section 23.1(b) of the IRR.

(b) Technical Documents –

- (i) Bid security in accordance with **ITB** Clause 18. If the Bidder opts to submit the bid security in the form of:
 - (i.1) a bank draft/guarantee or an irrevocable letter of credit issued by a foreign bank, it shall be accompanied by a confirmation from a Universal or Commercial Bank; or
 - (i.2) a surety bond, it shall be accompanied by a certification by the Insurance Commission that the surety or insurance company is authorized to issue such instruments;
- (ii) Conformity with technical specifications, as enumerated and specified in Sections VI and VII of the Bidding Documents; and
- (iii) Sworn statement in accordance with Section 25.3 of the IRR of RA 9184 and using the form prescribed in Section VIII. Bidding Forms.
- (iv) For foreign bidders claiming eligibility by reason of their country's extension of reciprocal rights to Filipinos, a certification from the relevant government office of their country stating that Filipinos are allowed to participate in their government procurement activities for the same item or product.

13. Documents Comprising the Bid: Financial Component

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

14. Alternative Bids

- 14.1 Alternative Bids shall be rejected. For this purpose, alternative bid is an offer made by a Bidder in addition or as a substitute to its original bid which may be included as part of its original bid or submitted separately therewith for purposes of bidding. A bid with options is considered an alternative bid regardless of whether said bid proposal is contained in a single envelope or submitted in two (2) or more separate bid envelopes.
- 14.2 Each Bidder shall submit only one Bid, either individually or as a partner in a JV. A Bidder who submits or participates in more than one bid (other than as a subcontractor if a subcontractor is permitted to participate in more than one bid) will cause all the proposals with the Bidder's participation to be disqualified. This

shall be without prejudice to any applicable criminal, civil and administrative penalties that may be imposed upon the persons and entities concerned.

15. Bid Prices

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

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

16. Bid Currencies

- 16.1. Prices shall be quoted in the following currencies:
 - (a) For Goods that the Bidder will supply from within the Philippines, the prices shall be quoted in Philippine Pesos.
 - (b) For Goods that the Bidder will supply from outside the Philippines, the prices may be quoted in the currency(ies) stated in the **BDS**. However, for purposes of bid evaluation, bids denominated in foreign currencies shall be converted to Philippine currency based on the exchange rate as published in the *Bangko Sentral ng Pilipinas* (BSP) reference rate bulletin on the day of the bid opening.
- 16.2. If so allowed in accordance with **ITB** Clause 16.1, the Procuring Entity for purposes of bid evaluation and comparing the bid prices will convert the amounts in various currencies in which the bid price is expressed to Philippine Pesos at the foregoing exchange rates.
- 16.3. Unless otherwise specified in the **<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 **BDS** which shall not exceed one hundred twenty (120) calendar days from the date of the opening of bids.
- 17.2. In exceptional circumstances, prior to the expiration of the bid validity period, the Procuring Entity may request Bidders to extend the period of validity of their bids. The request and the responses shall be made in writing. The bid security described in **ITB** Clause 18 should also be extended corresponding to the extension of the bid validity period at the least. A Bidder may refuse the request without forfeiting its bid security, but his bid shall no longer be considered for further evaluation and award. A Bidder granting the request shall not be required or permitted to modify its bid.

18. Bid Security

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

	Amount of Bid Security
Form of Bid Security	(Not Less than the Percentage of the
	ABC)

(a) Cash or cashier's/manager's check issued by a Universal or Commercial Bank.	
(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.	Two percent (2%)
(c) Surety bond callable upon demand issued by a surety or insurance company duly certified by the Insurance Commission as authorized to issue such security.	Five percent (5%)

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

- 18.2. The bid security should be valid for the period specified in the <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 request for reconsideration and/or protest, or upon the lapse of the reglementary period to file a request for reconsideration or protest. Without prejudice on its forfeiture, bid securities shall be returned only after the Bidder with the Lowest Calculated Responsive Bid (LCRB) has signed the contract and furnished the performance security, but in no case later than the expiration of the bid security validity period indicated in ITB Clause 18.2.
- 18.4. Upon signing and execution of the contract pursuant to **ITB** Clause 32, and the posting of the performance security pursuant to **ITB** Clause 33, the successful Bidder's bid security will be discharged, but in no case later than the bid security validity period as indicated in the **ITB** Clause 18.2.
- 18.5. The bid security may be forfeited:
 - (a) if a Bidder:
 - (i) withdraws its bid during the period of bid validity specified in **ITB** Clause 17;
 - (ii) does not accept the correction of errors pursuant to **ITB** Clause 28.3(b);
 - (iii) has a finding against the veracity of any of the documents submitted as stated in **ITB** Clause 29.2;

- (iv) submission of eligibility requirements containing false information or falsified documents;
- (v) submission of bids that contain false information or falsified documents, or the concealment of such information in the bids in order to influence the outcome of eligibility screening or any other stage of the public bidding;
- (vi) allowing the use of one's name, or using the name of another for purposes of public bidding;
- (vii) withdrawal of a bid, or refusal to accept an award, or enter into contract with the Government without justifiable cause, after the Bidder had been adjudged as having submitted the LCRB;
- (viii) refusal or failure to post the required performance security within the prescribed time;
- (ix) refusal to clarify or validate in writing its bid during 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
- (xii) all other acts that tend to defeat the purpose of the competitive bidding, such as habitually withdrawing from bidding, submitting late Bids or patently insufficient bid, for at least three (3) times within a year, except for valid reasons.
- (b) if the successful Bidder:
 - (i) fails to sign the contract in accordance with **ITB** Clause 32; or
 - (ii) fails to furnish performance security in accordance with **ITB** Clause 33.

19. Format and Signing of Bids

- 19.1. Bidders shall submit their bids through their duly authorized representative using the appropriate forms provided in the ITB Clause 21 in two (2) separate sealed bid envelopes, and which shall be submitted simultaneously. The first shall contain the technical component of the bid, including the eligibility requirements under ITB Clause 12.1, and the second shall contain the financial component of the bid. This shall also be observed for each lot in the case of lot procurement.
- 19.2. Forms as mentioned in **ITB** Clause 19.1 must be completed without any alterations to their format, and no substitute form shall be accepted. All blank spaces shall be filled in with the information requested.
- 19.3. The Bidder shall prepare and submit an original of the first and second envelopes as described in **ITB** Clauses 12 and 13. In addition, the Bidder shall submit copies of the first and second envelopes. In the event of any discrepancy between the original and the copies, the original shall prevail.

- 19.4. Each and every page of the Bid Form, including the Schedule of Prices, under Section VIII hereof, shall be signed by the duly authorized representative/s of the Bidder. Failure to do so shall be a ground for the rejection of the bid.
- 19.5. Any interlineations, erasures, or overwriting shall be valid only if they are signed or initialed by the duly authorized representative/s of the Bidder.

20. Sealing and Marking of Bids

- 20.1. Bidders shall enclose their original eligibility and technical documents described in **ITB** Clause 12 in one sealed envelope marked "ORIGINAL TECHNICAL COMPONENT", and the original of their financial component in another sealed envelope marked "ORIGINAL FINANCIAL COMPONENT", sealing them all in an outer envelope marked "ORIGINAL BID".
- 20.2. Each copy of the first and second envelopes shall be similarly sealed duly marking the inner envelopes as "COPY NO. ___ TECHNICAL COMPONENT" and "COPY NO. ___ FINANCIAL COMPONENT" and the outer envelope as "COPY NO. ___ ", respectively. These envelopes containing the original and the copies shall then be enclosed in one single envelope.
- 20.3. The original and the number of copies of the Bid as indicated in the **BDS** shall be typed or written in ink and shall be signed by the Bidder or its duly authorized representative/s.

20.4. All envelopes shall:

- (a) contain the name of the contract to be bid in capital letters;
- (b) bear the name and address of the Bidder in capital letters;
- (c) be addressed to the Procuring Entity's BAC in accordance with **ITB** Clause 21;
- (d) bear the specific identification of this bidding process indicated in the **ITB** Clause 1.2; and
- (e) bear a warning "DO NOT OPEN BEFORE..." the date and time for the opening of bids, in accordance with **ITB** Clause 21.
- 20.5. Bid envelopes that are not properly sealed and marked, as required in the bidding documents, shall not be rejected, but the Bidder or its duly authorized representative shall acknowledge such condition of the bid as submitted. The BAC or the Procuring Entity shall assume no responsibility for the misplacement of the contents of the improperly sealed or marked bid, or for its premature opening.

Submission and Opening of Bids

21. Deadline for Submission of Bids

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

22. Late Bids

Any bid submitted after the deadline for submission and receipt of bids prescribed by the Procuring Entity, pursuant to **ITB** Clause 21, shall be declared "Late" and shall not be

accepted by the Procuring Entity. The BAC shall record in the minutes of bid submission and opening, the Bidder's name, its representative and the time the late bid was submitted.

23. Modification and Withdrawal of Bids

- 23.1. The Bidder may modify its bid after it has been submitted; provided that the modification is received by the Procuring Entity prior to the deadline prescribed for submission and receipt of bids. The Bidder shall not be allowed to retrieve its original bid, but shall be allowed to submit another bid equally sealed and properly identified in accordance with ITB Clause 20, linked to its original bid marked as "TECHNICAL MODIFICATION" or "FINANCIAL MODIFICATION" and stamped "received" by the BAC. Bid modifications received after the applicable deadline shall not be considered and shall be returned to the Bidder unopened.
- 23.2 A Bidder may, through a Letter of Withdrawal, withdraw its bid after it has been submitted, for valid and justifiable reason; provided that the Letter of Withdrawal is received by the Procuring Entity prior to the deadline prescribed for submission and receipt of bids. The Letter of Withdrawal must be executed by the duly authorized representative of the Bidder identified in the Omnibus Sworn Statement, a copy of which should be attached to the letter.
- 23.3. Bids requested to be withdrawn in accordance with **ITB** Clause 23.1 shall be returned unopened to the Bidders. A Bidder, who has acquired the bidding documents, may also express its intention not to participate in the bidding through a letter which should reach and be stamped by the BAC before the deadline for submission and receipt of bids. A Bidder that withdraws its bid shall not be permitted to submit another bid, directly or indirectly, for the same contract.
- 23.4. No bid may be modified after the deadline for submission of bids. No bid may be withdrawn in the interval between the deadline for submission of bids and the expiration of the period of bid validity specified by the Bidder on the Financial Bid Form. Withdrawal of a bid during this interval shall result in the forfeiture of the Bidder's bid security, pursuant to **ITB** Clause 18.5, and the imposition of administrative, civil and criminal sanctions as prescribed by RA 9184 and its IRR.

24. Opening and Preliminary Examination of Bids

- 24.1. The BAC shall open the bids in public, immediately after the deadline for the submission and receipt of bids, as specified in the **BDS**. In case the Bids cannot be opened as scheduled due to justifiable reasons, the BAC shall take custody of the Bids submitted and reschedule the opening of Bids on the next working day or at the soonest possible time through the issuance of a Notice of Postponement to be posted in the PhilGEPS website and the website of the Procuring Entity concerned.
- 24.2. Unless otherwise specified in the <u>BDS</u>, the BAC shall open the first bid envelopes and determine each Bidder's compliance with the documents prescribed in **ITB** Clause 12, using a non-discretionary "pass/fail" criterion. If a Bidder submits the required document, it shall be rated "passed" for that particular requirement. In this regard, bids that fail to include any requirement or are incomplete or patently insufficient shall be considered as "failed". Otherwise, the BAC shall rate the said first bid envelope as "passed".
- 24.3. Unless otherwise specified in the <u>BDS</u>, immediately after determining compliance with the requirements in the first envelope, the BAC shall forthwith open the second bid envelope of each remaining eligible bidder whose first bid envelope

was rated "passed". The second envelope of each complying bidder shall be opened within the same day. In case one or more of the requirements in the second envelope of a particular bid is missing, incomplete or patently insufficient, and/or if the submitted total bid price exceeds the ABC unless otherwise provided in **ITB** Clause 13.2, the BAC shall rate the bid concerned as "failed". Only bids that are determined to contain all the bid requirements for both components shall be rated "passed" and shall immediately be considered for evaluation and comparison.

- 24.4. Letters of Withdrawal shall be read out and recorded during bid opening, and the envelope containing the corresponding withdrawn bid shall be returned to the Bidder unopened.
- 24.5. All members of the BAC who are present during bid opening shall initial every page of the original copies of all bids received and opened.
- 24.6. In the case of an eligible foreign bidder as described in **ITB** Clause 5, the following Class "A" Documents may be substituted with the appropriate equivalent documents, if any, issued by the country of the foreign Bidder concerned, which shall likewise be uploaded and maintained in the PhilGEPS in accordance with Section 8.5.2 of the IRR:
 - (a) Registration certificate from the Securities and Exchange Commission (SEC), Department of Trade and Industry (DTI) for sole proprietorship, or CDA for cooperatives;
 - (b) Mayor's/Business permit issued by the local government where the principal place of business of the bidder is located; and
 - (c) Audited Financial Statements showing, among others, the prospective bidder's total and current assets and liabilities stamped "received" by the Bureau of Internal Revenue or its duly accredited and authorized institutions, for the preceding calendar year which should not be earlier than two years from the date of bid submission.
- 24.7. Each partner of a joint venture agreement shall likewise submit the requirements in **ITB** Clause 12.1(a)(i). Submission of documents required under **ITB** Clauses 12.1(a)(ii) to 12.1(a)(iii) by any of the joint venture partners constitutes compliance.
- 24.8. The Procuring Entity shall prepare the minutes of the proceedings of the bid opening that shall include, as a minimum: (a) names of Bidders, their bid price (per lot, if applicable, and/or including discount, if any), bid security, findings of preliminary examination, and whether there is a withdrawal or modification; and (b) attendance sheet. The BAC members shall sign the abstract of bids as read.
- 24.8 The bidders or their duly authorized representatives may attend the opening of bids. The BAC shall ensure the integrity, security, and confidentiality of all submitted bids. The Abstract of Bids as read and the minutes of the bid opening shall be made available to the public upon written request and payment of a specified fee to recover cost of materials.
- 24.9 To ensure transparency and accurate representation of the bid submission, the BAC Secretariat shall notify in writing all bidders whose bids it has received through its PhilGEPS-registered physical address or official e-mail address. The notice shall be issued within seven (7) calendar days from the date of the bid opening.

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

28. Detailed Evaluation and Comparison of Bids

28.1. The Procuring Entity will undertake the detailed evaluation and comparison of bids which have passed the opening and preliminary examination of bids, pursuant to **ITB** Clause 24, in order to determine the Lowest Calculated Bid.

- 28.2. The Lowest Calculated Bid shall be determined in two steps:
 - (a) The detailed evaluation of the financial component of the bids, to establish the correct calculated prices of the bids; and
 - (b) The ranking of the total bid prices as so calculated from the lowest to the highest. The bid with the lowest price shall be identified as the Lowest Calculated Bid.
- 28.3. The Procuring Entity's BAC shall immediately conduct a detailed evaluation of all bids rated "passed," using non-discretionary pass/fail criteria. The BAC shall consider the following in the evaluation of bids:
 - (a) Completeness of the bid. Unless the **BDS** allows partial bids, bids not addressing or providing all of the required items in the Schedule of Requirements including, where applicable, Schedule of Prices, shall be considered non-responsive and, thus, automatically disqualified. In this regard, where a required item is provided, but no price is indicated, the same shall be considered as non-responsive, but specifying a zero (0) or a dash (-) for the said item would mean that it is being offered for free to the Procuring Entity, except those required by law or regulations to be provided for; and
 - (b) <u>Arithmetical corrections.</u> Consider computational errors and omissions to enable proper comparison of all eligible bids. It may also consider bid modifications. Any adjustment shall be calculated in monetary terms to determine the calculated prices.
- 28.4. Based on the detailed evaluation of bids, those that comply with the above-mentioned requirements shall be ranked in the ascending order of their total calculated bid prices, as evaluated and corrected for computational errors, discounts and other modifications, to identify the Lowest Calculated Bid. Total calculated bid prices, as evaluated and corrected for computational errors, discounts and other modifications, which exceed the ABC shall not be considered, unless otherwise indicated in the **BDS**.
- 28.5. The Procuring Entity's evaluation of bids shall be based on the bid price quoted in the Bid Form, which includes the Schedule of Prices.
- 28.6. Bids shall be evaluated on an equal footing to ensure fair competition. For this purpose, all bidders shall be required to include in their bids the cost of all taxes, such as, but not limited to, value added tax (VAT), income tax, local taxes, and other fiscal levies and duties which shall be itemized in the bid form and reflected in the detailed estimates. Such bids, including said taxes, shall be the basis for bid evaluation and comparison.
- 28.7. If so indicated pursuant to **ITB** Clause 1.2, Bids are being invited for individual lots or for any combination thereof, provided that all Bids and combinations of Bids shall be received by the same deadline and opened and evaluated simultaneously so as to determine the Bid or combination of Bids offering the lowest calculated cost to the Procuring Entity. Bid prices quoted shall correspond to all items specified for each lot and to all quantities specified for each item of a lot. Bid Security as required by **ITB** Clause 18 shall be submitted for each contract (lot) separately. The basis for evaluation of lots is specified in BDS Clause 28.3.

29. Post-Qualification

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

Failure to submit any of the post-qualification requirements on time, or a finding against the veracity thereof, shall disqualify the bidder for award. Provided in the event that a finding against the veracity of any of the documents submitted is made, it shall cause the forfeiture of the bid security in accordance with Section 69 of the IRR of RA 9184.

- 29.3. The determination shall be based upon an examination of the documentary evidence of the Bidder's qualifications submitted pursuant to **ITB** Clauses 12 and 13, as well as other information as the Procuring Entity deems necessary and appropriate, using a non-discretionary "pass/fail" criterion, which shall be completed within a period of twelve (12) calendar days.
- 29.4. If the BAC determines that the Bidder with the Lowest Calculated Bid passes all the criteria for post-qualification, it shall declare the said bid as the LCRB, and recommend to the HoPE the award of contract to the said Bidder at its submitted price or its calculated bid price, whichever is lower.
- 29.5. A negative determination shall result in rejection of the Bidder's Bid, in which event the Procuring Entity shall proceed to the next Lowest Calculated Bid with a fresh period to make a similar determination of that Bidder's capabilities to perform satisfactorily. If the second Bidder, however, fails the post qualification, the procedure for post qualification shall be repeated for the Bidder with the next Lowest Calculated Bid, and so on until the LCRB is determined for recommendation for contract award.
- 29.6. Within a period not exceeding fifteen (15) calendar days from the determination by the BAC of the LCRB and the recommendation to award the contract, the HoPE or his duly authorized representative shall approve or disapprove the said recommendation.
- 29.7. In the event of disapproval, which shall be based on valid, reasonable, and justifiable grounds as provided for under Section 41 of the IRR of RA 9184, the HoPE shall notify the BAC and the Bidder in writing of such decision and the grounds for it. When applicable, the BAC shall conduct a post-qualification of the Bidder with the next Lowest Calculated Bid. A request for reconsideration may be filed by the bidder with the HoPE in accordance with Section 37.1.3 of the IRR of RA 9184.

30. Reservation Clause

30.1. Notwithstanding the eligibility or post-qualification of a Bidder, the Procuring Entity concerned reserves the right to review its qualifications at any stage of the procurement process if it has reasonable grounds to believe that a misrepresentation has been made by the said Bidder, or that there has been a change in the Bidder's capability to undertake the project from the time it submitted its eligibility requirements. Should such review uncover any

misrepresentation made in the eligibility and bidding requirements, statements or documents, or any changes in the situation of the Bidder which will affect its capability to undertake the project so that it fails the preset eligibility or bid evaluation criteria, the Procuring Entity shall consider the said Bidder as ineligible and shall disqualify it from submitting a bid or from obtaining an award or contract.

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

Award of Contract

31. Contract Award

- 31.1. Subject to **ITB** Clause 29, the HoPE or its duly authorized representative shall award the contract to the Bidder whose bid has been determined to be the LCRB.
- 31.2. Prior to the expiration of the period of bid validity, the Procuring Entity shall notify the successful Bidder in writing that its bid has been accepted, through a Notice of Award duly received by the Bidder or its representative personally or

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

32. Signing of the Contract

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

33. Performance Security

- 33.1. To guarantee the faithful performance by the winning Bidder of its obligations under the contract, it shall post a performance security within a maximum period of ten (10) calendar days from the receipt of the Notice of Award from the Procuring Entity and in no case later than the signing of the contract.
- 33.2. The Performance Security shall be denominated in Philippine Pesos and posted in favor of the Procuring Entity in an amount not less than the percentage of the total contract price in accordance with the following schedule:

Form of Performance Security	Amount of Performance Security (Not less than the Percentage of the Total Contract Price)
 (a) Cash or cashier's/manager's check issued by a Universal or Commercial Bank. (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. 	Five percent (5%)
(c) Surety bond callable upon demand issued by a surety or insurance company duly certified by the Insurance Commission as authorized to issue such security.	Thirty percent (30%)

33.3. Failure of the successful Bidder to comply with the above-mentioned requirement shall constitute sufficient ground for the annulment of the award and forfeiture of the bid security, in which event the Procuring Entity shall have a fresh period to initiate and complete the post qualification of the second Lowest Calculated Bid. The procedure shall be repeated until the LCRB is identified and selected for recommendation of contract award. However if no Bidder passed post-qualification, the BAC shall declare the bidding a failure and conduct a re-bidding with re-advertisement, if necessary.

34. Notice to Proceed

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

35. Protest Mechanism

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

Section III. Bid Data Sheet

Bid Data Sheet

ITB Clause				
1.1	The Procuring Entity is the Philippine Rice Research Institute			
1.2	The name of the Contract is Supply and delivery of various laboratory supplies & chemicals The identification number of the Contract is PB 19-01-05			
	The $lot(s)$ and reference is/are:			
	Project	ABC		
	Project 1. CBC = common & specialty chemical, laboratory supplies	P 1,615,290.00		
	Project 2. CPD (minor laboratory equipment, lab supplies, common & specialty chemicals	P 536,2014.17		
	Project 3. PBBD (laboratory supplies, specialty and common chemicals, minor laboratory equipment	P 781,257.91		
2	The Funding Source is:			
	The Government of the Philippines (GOP) through the Corporate Fund Budget the amount of Two Million Nine Hundred Thirty-Two Thousand Seven Hundred Fifty-Two Pesos and 08/100 (PhP 2.932,752.08) The name of the Project is: Supply and delivery of various laboratory supplies and chemicals			
3.1	No further instructions.			
5.1	No further instructions.			
5.2	Foreign bidders, except those falling under ITB Clause 5.2(b), may not participate in this Project.			
5.4	The Bidder must have completed, within the period specified in the Invitation to Bid and ITB Clause 12.1(a)(ii), a single contract that is similar to this Project, equivalent to at least twenty-five percent (25%) of the ABC per item.			
	For this purpose, similar contracts shall refevarious laboratory supplies and chemicals	er to the Supply and delivery of		
	SLCC shall consider the ABC per lot.			
7	No further instructions.			
8.1	Subcontracting is not allowed.			
8.2	Not applicable.			

9.1	The Procuring Entity will hold a pre-bid conference for this Project on November 8, 2018; 2:00PM at PhilRice, Maligaya, Science City of Muñoz, Nueva Ecija
10.1	The Procuring Entity's address is: PHILIPPINE RICE RESEARCH INSTITUTE BRGY. MALIGAYA, SCIENCE CITY OF MUÑOZ NUEVA ECIJA TELEFAX NO. (044) 456-0650
12.1(a)	No further instructions.
12.1(a)(ii)	The bidder's SLCC similar to the contract to be bid should have been completed within the last two (2) years prior to the deadline for the submission and receipt of bids.
	SLCC shall consider the ABC per lot.
12.1(b)(ii)	Proof of evidence in the form of brochure and certificate as authorized distributor or exclusive dealer coming from the principal. A statement that is not supported by evidence or is subsequently found to be contradicted by the evidence presented will render the Bid liable for rejection. Applicable for equipment only.
13.1	No additional requirements.
13.1(b)	No further instructions.
13.1(c)	No additional requirements.
13.2	The Total ABC is TWO MILLION NINE HUNDRED THIRTY-TWO THOUSAND SEVEN HUNDRED FIFTY-TWO PESOS AND 08/100 (PhP 2,932,752.08). Any bid with a financial component exceeding this amount shall not be accepted.
15.4(a)(iv)	No incidental services are required.
15.4(b)	Not applicable. The price of the Goods shall be quoted DDP, PhilRice, Maligaya, Science City of Munoz, Nueva Ecija
16.1(b)	The Bid prices for Goods supplied from outside of the Philippines shall be quoted in Philippine Pesos.
16.3	Not applicable.
17.1	Bids will be valid until for a period of 120 calendar days from the date of the opening of bids.

18.1	The bid security shall be in the form of a Bid Securing Declaration, or any of the following forms and amounts:
	1. The amount of not less than 2% of the ABC*, if bid security is in cash, cashier's/manager's check, bank draft/guarantee or irrevocable letter of credit; or
	2. The amount of not less than 5% of the ABC* if bid security is in Surety Bond.
	Reminder: * if cash or bond the amount shall correspond to the ABC per lot/item
	**A separate bid security must be issued per lot
18.2	The bid security shall be valid for 120 calendar days from the date of opening of bids.
20.3	Each Bidder shall submit One (1) original and Two (2) copies of the first and second components of its bid.
21	The address for submission of bids is PhilRice, Maligaya, Science City of Munoz, Nueva Ecija.
	The deadline for submission of bids is on November 20, 2018; 12:00noon
24.1	The place of bid opening is in Philippine Rice Research Institute, Maligaya, Science City of Munoz, Nueva Ecija
	The date and time of bid opening is on or before November 20, 2018; 2:30PM.
24.2	No further instructions.
24.3	No further instructions.
27.1	No further instructions.
28.3 (a)	Grouping and Evaluation of Lots –
	For groupings by lot = awarding will be by lot
	For groupings per item = awarding will be per item.
28.4	No further instructions.
29.2	No additional requirement.
32.4(f)	No additional requirement.

Section IV.	General (Condition	is of Con	itract

TABLE OF CONTENTS

1.	DEFINITIONS	38
2.	CORRUPT, FRAUDULENT, COLLUSIVE, AND COERCIVE PRACTICES	38
3.	INSPECTION AND AUDIT BY THE FUNDING SOURCE	40
4.	GOVERNING LAW AND LANGUAGE	40
5.	NOTICES	40
6.	SCOPE OF CONTRACT	40
7.	SUBCONTRACTING	40
8.	PROCURING ENTITY'S RESPONSIBILITIES	41
9.	PRICES	41
10.	PAYMENT	41
11.	ADVANCE PAYMENT AND TERMS OF PAYMENT	42
12.	TAXES AND DUTIES	42
13.	PERFORMANCE SECURITY	42
14.	USE OF CONTRACT DOCUMENTS AND INFORMATION	43
15.	STANDARDS	43
16.	INSPECTION AND TESTS	43
17.	WARRANTY	44
18.	DELAYS IN THE SUPPLIER'S PERFORMANCE	45
19.	LIQUIDATED DAMAGES	45
20.	SETTLEMENT OF DISPUTES	45
21.	LIABILITY OF THE SUPPLIER	46
22.	FORCE MAJEURE	46
23.	TERMINATION FOR DEFAULT	46
24.	TERMINATION FOR INSOLVENCY	47
25.	TERMINATION FOR CONVENIENCE	47
26.	TERMINATION FOR UNLAWFUL ACTS	47
27.	PROCEDURES FOR TERMINATION OF CONTRACTS	48
28.	ASSIGNMENT OF RIGHTS	49
29.		
30.	APPLICATION	49

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) The "Funding Source" means the organization named in the SCC.
 - (k) "The Project Site," where applicable, means the place or places named in the **SCC**.
 - (l) "Day" means calendar day.
 - (m) The "Effective Date" of the contract will be the date of signing the contract, however the Supplier shall commence performance of its obligations only upon receipt of the Notice to Proceed and copy of the approved contract.
 - (n) "Verified Report" refers to the report submitted by the Implementing Unit to the HoPE setting forth its findings as to the existence of grounds or causes for termination and explicitly stating its recommendation for the issuance of a Notice to Terminate.

2. Corrupt, Fraudulent, Collusive, and Coercive Practices

2.1. Unless otherwise provided in the <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, noncompetitive 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
 - deliberately destroying, falsifying, altering or concealing of evidence material to an administrative proceedings or investigation or making false statements to investigators in order to materially impede an administrative proceedings or investigation of the Procuring Entity or any foreign government/foreign or international financing institution into allegations of a corrupt, fraudulent, coercive or collusive practice; and/or threatening, harassing or intimidating any party to prevent it from disclosing its knowledge of matters relevant to the administrative proceedings or investigation or from pursuing such proceedings or investigation; or
 - (bb) acts intended to materially impede the exercise of the inspection and audit rights of the Procuring Entity or any foreign government/foreign or international financing institution herein.

- (b) will reject a proposal for award if it determines that the Bidder recommended for award has engaged in any of the practices mentioned in this Clause for purposes of competing for the contract.
- 2.2. Further the Funding Source, Borrower or Procuring Entity, as appropriate, will seek to impose the maximum civil, administrative and/or criminal penalties available under the applicable law on individuals and organizations deemed to be involved with any of the practices mentioned in **GCC** Clause 2.1(a).

3. Inspection and Audit by the Funding Source

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

4. Governing Law and Language

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

5. Notices

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

6. Scope of Contract

- 6.1. The Goods and Related Services to be provided shall be as specified in Section VI. Schedule of Requirements.
- 6.2. This Contract shall include all such items, although not specifically mentioned, that can be reasonably inferred as being required for its completion as if such items were expressly mentioned herein. Any additional requirements for the completion of this Contract shall be provided in the <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. If subcontracting is allowed, the Supplier may identify its subcontractor during contract implementation. Subcontractors disclosed and identified during the bidding may be changed during the implementation of this Contract. In either case, subcontractors must submit the documentary requirements under **ITB** Clause 12 and comply with the eligibility criteria specified in the **BDS**. In the event that any subcontractor is found by the Procuring Entity to be ineligible, the subcontracting of such portion of the Goods shall be disallowed.

8. Procuring Entity's Responsibilities

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

9. Prices

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

10. Payment

- 10.1. Payments shall be made only upon a certification by the HoPE to the effect that the Goods have been rendered or delivered in accordance with the terms of this Contract and have been duly inspected and accepted. Except with the prior approval of the President no payment shall be made for services not yet rendered or for supplies and materials not yet delivered under this Contract. At least one percent (1%) but shall not exceed five percent (5%) of the amount of each payment shall be retained by the Procuring Entity to cover the Supplier's warranty obligations under this Contract as described in GCC Clause 17.
- 10.2. The Supplier's request(s) for payment shall be made to the Procuring Entity in writing, accompanied by an invoice describing, as appropriate, the Goods delivered and/or Services performed, and by documents submitted pursuant to the SCC provision for GCC Clause 6.2, and upon fulfillment of other obligations stipulated in this Contract.
- 10.3. Pursuant to **GCC** Clause 10.2, payments shall be made promptly by the Procuring Entity, but in no case later than sixty (60) days after submission of an invoice or claim by the Supplier. Payments shall be in accordance with the schedule stated in the **SCC**.
- 10.4. Unless otherwise provided in the <u>SCC</u>, the currency in which payment is made to the Supplier under this Contract shall be in Philippine Pesos.

10.5. Unless otherwise provided in the <u>SCC</u>, payments using Letter of Credit (LC), in accordance with the Guidelines issued by the GPPB, is allowed. For this purpose, the amount of provisional sum is indicated in the <u>SCC</u>. All charges for the opening of the LC and/or incidental expenses thereto shall be for the account of the Supplier.

11. Advance Payment and Terms of Payment

- 11.1. Advance payment shall be made only after prior approval of the President, and shall not exceed fifteen percent (15%) of the Contract amount, unless otherwise directed by the President or in cases allowed under Annex "D" of RA 9184.
- 11.2. All progress payments shall first be charged against the advance payment until the latter has been fully exhausted.
- 11.3. For Goods supplied from abroad, unless otherwise indicated in the <u>SCC</u>, the terms of payment shall be as follows:
 - (a) On Contract Signature: Fifteen Percent (15%) of the Contract Price shall be paid within sixty (60) days from signing of the Contract and upon submission of a claim and a bank guarantee for the equivalent amount valid until the Goods are delivered and in the form provided in Section VIII. Bidding Forms.
 - (b) On Delivery: Sixty-five percent (65%) of the Contract Price shall be paid to the Supplier within sixty (60) days after the date of receipt of the Goods and upon submission of the documents (i) through (vi) specified in the SCC provision on Delivery and Documents.
 - (c) On Acceptance: The remaining twenty percent (20%) of the Contract Price shall be paid to the Supplier within sixty (60) days after the date of submission of the acceptance and inspection certificate for the respective delivery issued by the Procuring Entity's authorized representative. In the event that no inspection or acceptance certificate is issued by the Procuring Entity's authorized representative within forty five (45) days of the date shown on the delivery receipt, the Supplier shall have the right to claim payment of the remaining twenty percent (20%) subject to the Procuring Entity's own verification of the reason(s) for the failure to issue documents (vii) and (viii) as described in the SCC provision on Delivery and Documents.

12. Taxes and Duties

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

13. Performance Security

- 13.1. Within ten (10) calendar days from receipt of the Notice of Award from the Procuring Entity but in no case later than the signing of the contract by both parties, the successful Bidder shall furnish the performance security in any the forms prescribed in the **ITB** Clause 33.2.
- 13.2. The performance security posted in favor of the Procuring Entity shall be forfeited in the event it is established that the winning bidder is in default in any of its obligations under the contract.

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

14. Use of Contract Documents and Information

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

15. Standards

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

16. Inspection and Tests

- 16.1. The Procuring Entity or its representative shall have the right to inspect and/or to test the Goods to confirm their conformity to the Contract specifications at no extra cost to the Procuring Entity. The <u>SCC</u> and Section VII. Technical Specifications shall specify what inspections and/or tests the Procuring Entity requires and where they are to be conducted. The Procuring Entity shall notify the Supplier in writing, in a timely manner, of the identity of any representatives retained for these purposes.
- 16.2. If applicable, the inspections and tests may be conducted on the premises of the Supplier or its subcontractor(s), at point of delivery, and/or at the goods' final destination. If conducted on the premises of the Supplier or its subcontractor(s), all reasonable facilities and assistance, including access to drawings and production data, shall be furnished to the inspectors at no charge to the Procuring

- Entity. The Supplier shall provide the Procuring Entity with results of such inspections and tests.
- 16.3. The Procuring Entity or its designated representative shall be entitled to attend the tests and/or inspections referred to in this Clause provided that the Procuring Entity shall bear all of its own costs and expenses incurred in connection with such attendance including, but not limited to, all traveling and board and lodging expenses.
- 16.4. The Procuring Entity may reject any Goods or any part thereof that fail to pass any test and/or inspection or do not conform to the specifications. The Supplier shall either rectify or replace such rejected Goods or parts thereof or make alterations necessary to meet the specifications at no cost to the Procuring Entity, and shall repeat the test and/or inspection, at no cost to the Procuring Entity, upon giving a notice pursuant to **GCC** Clause 5.
- 16.5. The Supplier agrees that neither the execution of a test and/or inspection of the Goods or any part thereof, nor the attendance by the Procuring Entity or its representative, shall release the Supplier from any warranties or other obligations under this Contract.

17. Warranty

- 17.1. The Supplier warrants that the Goods supplied under the Contract are new, unused, of the most recent or current models, and that they incorporate all recent improvements in design and materials, except when the technical specifications required by the Procuring Entity provides otherwise.
- 17.2. The Supplier further warrants that all Goods supplied under this Contract shall have no defect, arising from design, materials, or workmanship or from any act or omission of the Supplier that may develop under normal use of the supplied Goods in the conditions prevailing in the country of final destination.
- 17.3. In order to assure that manufacturing defects shall be corrected by the Supplier, a warranty shall be required from the Supplier for a minimum period specified in the SCC. The obligation for the warranty shall be covered by, at the Supplier's option, either retention money in an amount equivalent to at least one percent (1%) but shall not exceed five percent (5%) of every progress payment, or a special bank guarantee equivalent to at least one percent (1%) but shall not exceed five percent (5%) of the total Contract Price or other such amount if so specified in the SCC. The said amounts shall only be released after the lapse of the warranty period specified in the SCC; provided, however, that the Supplies delivered are free from patent and latent defects and all the conditions imposed under this Contract have been fully met.
- 17.4. The Procuring Entity shall promptly notify the Supplier in writing of any claims arising under this warranty. Upon receipt of such notice, the Supplier shall, within the period specified in the <u>SCC</u> and with all reasonable speed, repair or replace the defective Goods or parts thereof, without cost to the Procuring Entity.
- 17.5. If the Supplier, having been notified, fails to remedy the defect(s) within the period specified in **GCC** Clause 17.4, the Procuring Entity may proceed to take such remedial action as may be necessary, at the Supplier's risk and expense and without prejudice to any other rights which the Procuring Entity may have against the Supplier under the Contract and under the applicable law.

18. Delays in the Supplier's Performance

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

19. Liquidated Damages

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

20. Settlement of Disputes

- 20.1. If any dispute or difference of any kind whatsoever shall arise between the Procuring Entity and the Supplier in connection with or arising out of this Contract, the parties shall make every effort to resolve amicably such dispute or difference by mutual consultation.
- 20.2. If after thirty (30) days, the parties have failed to resolve their dispute or difference by such mutual consultation, then either the Procuring Entity or the Supplier may give notice to the other party of its intention to commence arbitration, as hereinafter provided, as to the matter in dispute, and no arbitration in respect of this matter may be commenced unless such notice is given.
- 20.3. Any dispute or difference in respect of which a notice of intention to commence arbitration has been given in accordance with this Clause shall be settled by arbitration. Arbitration may be commenced prior to or after delivery of the Goods under this Contract.
- 20.4. In the case of a dispute between the Procuring Entity and the Supplier, the dispute shall be resolved in accordance with Republic Act 9285 ("R.A. 9285"), otherwise known as the "Alternative Dispute Resolution Act of 2004."

20.5. Notwithstanding any reference to arbitration herein, the parties shall continue to perform their respective obligations under the Contract unless they otherwise agree; and the Procuring Entity shall pay the Supplier any monies due the Supplier.

21. Liability of the Supplier

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

22. Force Majeure

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

23. Termination for Default

- 23.1. The Procuring Entity shall terminate this Contract for default when any of the following conditions attends its implementation:
 - (a) Outside of *force majeure*, the Supplier fails to deliver or perform any or all of the Goods within the period(s) specified in the contract, or within any extension thereof granted by the Procuring Entity pursuant to a request made by the Supplier prior to the delay, and such failure amounts to at least ten percent (10%) of the 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.
- 23.3. In case the delay in the delivery of the Goods and/or performance of the Services exceeds a time duration equivalent to ten percent (10%) of the specified contract time plus any time extension duly granted to the Supplier, the Procuring Entity may terminate this Contract, forfeit the Supplier's performance security and award the same to a qualified Supplier.

24. Termination for Insolvency

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

25. Termination for Convenience

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

26. Termination for Unlawful Acts

26.1. The Procuring Entity may terminate this Contract in case it is determined *prima* facie that the Supplier has engaged, before or during the implementation of this

Contract, in unlawful deeds and behaviors relative to contract acquisition and implementation. Unlawful acts include, but are not limited to, the following:

- (a) Corrupt, fraudulent, and coercive practices as defined in **ITB** Clause 3.1(a);
- (b) Drawing up or using forged documents;
- (c) Using adulterated materials, means or methods, or engaging in production contrary to rules of science or the trade; and
- (d) Any other act analogous to the foregoing.

27. Procedures for Termination of Contracts

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

terminated from receipt of the Supplier of the notice of decision. The termination shall only be based on the ground(s) stated in the Notice to Terminate:

- (g) The HOPE may create a Contract Termination Review Committee (CTRC) to assist him in the discharge of this function. All decisions recommended by the CTRC shall be subject to the approval of the HoPE; and
- (h) The Supplier must serve a written notice to the Procuring Entity of its intention to terminate the contract at least thirty (30) calendar days before its intended termination. The Contract is deemed terminated if it is not resumed in thirty (30) calendar days after the receipt of such notice by the Procuring Entity.

28. Assignment of Rights

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

29. Contract Amendment

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

30. Application

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

-	Section	V. Special	Conditions	of Contract
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Special Conditions of Contract

GCC Clause							
1.1(g)	The Procuring Entity is Philippine Rice Research Institute.						
1.1(i)	The Supplier is [to be inserted at the time of contract award].						
1.1(j)	The Funding Source is						
	The Government of the Philippines (GOP) through the Corporate Fund Budget the amount of Two Million Nine Hundred Thirty-Two Thousand Seven Hundred Fifty-two Pesos and 08/100 (P2,932,752.08). The Project Site is in Philipine CES Moligone Science City of						
1.1(k)	The Project Site is in PhilRice-CES, Maligaya, Science City of Munoz, Nueva Ecija.						
2.1	No further instructions.						
5.1	The Procuring Entity's address for Notices is: PhilRice, Brgy. Maligaya, Science City of Muñoz, Nueva Ecija with telephone number (044) 456-0650.						
	The Supplier's address for Notices is: [Insert address including, name of contact, fax and telephone number]						
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:						
	The delivery terms applicable to this Contract are delivered to PhilRice, Maligaya, SCM, Nueva Ecija. Risk and title will pass from the Supplier to the Procuring Entity upon receipt and final acceptance of the Goods at their final destination."						
	Delivery of the Goods shall be made by the Supplier in accordance with the terms specified in Section VI. Schedule of Requirements. The details of shipping and/or other documents to be furnished by the Supplier are as follows:						
	For Goods supplied from within the Philippines:						
	Upon delivery of the Goods to the Project Site, the Supplier shall notify the Procuring Entity and present the following documents to the Procuring Entity:						
	(i) Original and four copies of the Supplier's invoice showing Goods' description, quantity, unit price, and total amount;						
	(ii) Original and four copies delivery receipt/note, railway receipt, or truck receipt;						
	(iii) Original Supplier's factory inspection report;						
	(iv) Original and four copies of the Manufacturer's and/or						

- Supplier's warranty certificate;
- (v) Original and four copies of the certificate of origin (for imported Goods);
- (vi) Delivery receipt detailing number and description of items received signed by the authorized receiving personnel;
- (vii) Certificate of Acceptance/Inspection Report signed by the Procuring Entity's representative at the Project Site; and
- (viii) Four copies of the Invoice Receipt for Property signed by the Procuring Entity's representative at the Project Site.

For purposes of this Clause the Procuring Entity's Representative at the Project Site is from CBC, CPD & PBBD

Incidental Services –

The Supplier is required to provide all of the following services, including additional services, if any, specified in Section VI. Schedule of Requirements:

Select appropriate requirements and delete the rest.

- (a) performance or supervision of on-site assembly and/or start-up of the supplied Goods;
- (b) furnishing of tools required for assembly and/or maintenance of the supplied Goods;
- (c) furnishing of a detailed operations and maintenance manual for each appropriate unit of the supplied Goods;
- (d) performance or supervision or maintenance and/or repair of the supplied Goods, for a period of time agreed by the parties, provided that this service shall not relieve the Supplier of any warranty obligations under this Contract; and
- (e) training of the Procuring Entity's personnel, at the Supplier's plant and/or on-site, in assembly, start-up, operation, maintenance, and/or repair of the supplied Goods.

The Contract price for the Goods shall include the prices charged by the Supplier for incidental services and shall not exceed the prevailing rates charged to other parties by the Supplier for similar services.

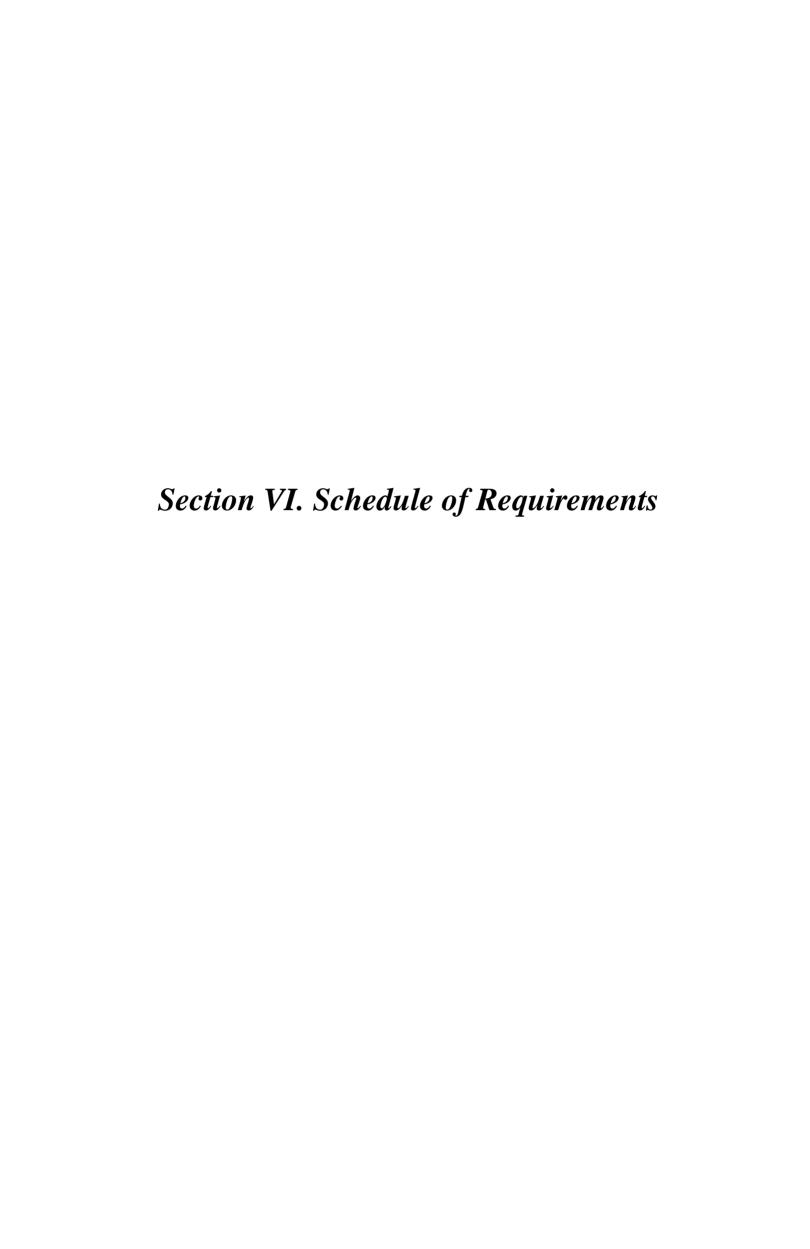
Insurance -

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

Transportation -

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

Supplier, and the cost thereof shall be included in the Contract Price. Where the Supplier is required under this Contract to transport the Goods to a specified place of destination within the Philippines, defined as the Project Site, transport to such place of destination in the Philippines, including insurance and storage, as shall be specified in this Contract, shall be arranged by the Supplier, and related costs shall be included in the Contract Price. Where the Supplier is required under Contract to deliver the Goods CIF, CIP or DDP, Goods are to be transported on carriers of Philippine registry. In the event that no carrier of Philippine registry is available, Goods may be shipped by a carrier which is not of Philippine registry provided that the Supplier obtains and presents to the Procuring Entity certification to this effect from the nearest Philippine consulate to the port of dispatch. In the event that carriers of Philippine registry are available but their schedule delays the Supplier in its performance of this Contract the period from when the Goods were first ready for shipment and the actual date of shipment the period of delay will be considered force majeure in accordance with GCC Clause 22. The Procuring Entity accepts no liability for the damage of Goods during transit other than those prescribed by INCOTERMS for DDP Deliveries. In the case of Goods supplied from within the Philippines or supplied by domestic Suppliers risk and title will not be deemed to have passed to the Procuring Entity until their receipt and final acceptance at the final destination. Patent Rights -The Supplier shall indemnify the Procuring Entity against all third-party claims of infringement of patent, trademark, or industrial design rights arising from use of the Goods or any part thereof. 10.4 Not applicable. 10.5 Payment using LC is not allowed. 11.3 Maintain the GCC Clause. No further instructions. 13.4(c) 16.1 The inspections and tests that will be conducted are: Inspection as to Quantity and Technical Specifications as enumerated in the Purchase Order and Bid Offer. 17.3 Standard warranty period of one (1) year or as stated in the Section VII Technical Specifications. 17.4 The period for correction of defects in the warranty period is thirty (30) days. 21.1 No additional provision.



Section VI. Schedule of Requirements

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

Item no.	Description	Qty	Unit	Total ABC (in PhP)	Delivered, Weeks/Months
	PROJECT 1. CBC LOT 1. COMM CHEMICALS	ION		197,650.00	30 days upon receipt of PO &NTP
	Ammonium Persulfate, molecular grade,				
1.	100g	3	bottle		
	Ethylenediaminetetraacetic acid, EDTA,	_			
2.	Disodium salt, AR, 500g	2	bottle		
3.	Ethyl Alcohol 95% TG, 20L	25	carbouy		
4.	Ethanol, Analytical Grade, 4L	4	bottle		
5.	Boric Acid, Analytical Grade, 500g	3	bottle		
6.	Chloroform, 4L, AR	6	piece		
7.	Propanol, Isopropanol, 4L	4	bottle		
	Sodium chloride crystals, ISO, reagent grade,	_			
8.	9% NaCl, 500g	9	bottle		
9.	Sodium Dodecyl sulfate, 500g	5	Bottle		
10.	Sodium hydroxide, 500g, AR NaOH	4	Bottle		
	Ethylenediaminetetraacetic acid, EDTA,	_			
11.	Disodium salt, molecular grade, 500g	3	Bottle		
12.	Formamide, 1L	2	bottle		
13.	Glacial Acetic Acid, Analytical grade, 2.5L	1	piece		
1.4	Hydrochloric Acid, (HCl), Analytical grade,				
14.	2.5L	1	bottle		
1.5	Non-indicating dessicant, indicating drierite,	4	a a a la		
15.	10-20 mesh, 500g	1	pack		20 days yang massint
	PROJECT 1. CBC LOT 2. LABORATOR	Y SUPI	PLIES	115,240.00	30 days upon receipt of PO &NTP
	Face mask Anti Static, NIOSH approved N95,				
	10 pcs/pack, collapse resistant cup shape	_			
1.	design, particulate respirator	4	Pack		
_	Interfold paper towel, 203 x 210mm, 175				
2.	pulls	57	Pack		
3.	Kimwipes, 11x21cm, 280 sheets per box	125	Box		
	Laboratory marker, extra fine tip, black,				
4	quick drying, cryogenic,	10	niono		
4.	water/alcohol/xylene resistant	10	piece		
5.	Laboratory marker, permanent, ultra-fine tip, black	12	piece		
J.	Nitrile gloves, powder free, 100 pairs/ pack,	12	piece		
6.	small	3	Pack		
0.	Nitrile gloves, powder free, 100 pairs/pack,	3	Fack		
7.	large	3	Pack		
/ •	Nitrile gloves, powder free, 100 pairs/pack,		7 dek		
8.	medium	3	Pack		
0.	Nitrile Gloves, powder-free, medium,		1 dek		
9.	puncture resistant, 100 pcs/pack	10	Pack		
<i>)</i> .	Nitrile Gloves, powder-free, small, 100's per	10	1 dek		
10.	pack	50	Pack		

	Nitrila Clavas, navydar frag, avtra small 100				
11.	Nitrile Gloves, powder-free, extra small, 100	C	Dool		
11.	pcs/pack	6	Pack		
	Pippette tips 200 μL Universal Fit Pipet Tip,				
	Beveled, Yellow, Nonsterile, 1000 Tips/Pack,				
	20 Packs/Case; polypropylene tips are				
	nonpyrogenic and certified to be RNase-				
1.0	/DNase-free; maximum recovery, 1000 pcs		_		
12.	per pack	11	Pack		
	Pippette tips, 1000 μL Pipet Tips, Beveled,				
	Blue, Nonsterile, Bulk Pack, 1000 Tips/Pack,				
	5 Packs/Case; polypropylene tips are				
	nonpyrogenic and certified to be RNase-				
	/DNase-free; maximum recovery, 1000				
13.	pcs/pack	7	Pack		
	Pippette tips, Ultra Micro Volume Pipet Tips,				
	10μL, Natural PP, RNase/DNase-Free,				
	Bagged, Non-Sterile; 1000 Tips/pack;				
14.	maximum recovery	13	Pack		
	Tubes, Conical tubes, 50ml Conical tubes,				
15.	sterile, autoclavable, 25 per pack	10	Pack		
	PROJECT 1. CBC MOLECULAR	&			
	BIOTECHNOLOGY CHEMICAL	S & S	UPPLIES	1,302,400.00	
				, ,	30 days upon receipt
1.	Temed, 500ml, molecular grade	2	bottle	16,600.00	of PO &NTP
	Deoxynucleoside triphosphate, dNTP				30 days upon receipt
2.	solution set, 100mm, 4x25umol	5	set	27,000.00	of PO &NTP
	Acrylamide/bis, 40% 37.5:1, 250 ml x 4				30 days upon receipt
3.	bottles/pack	1	bottle	20,000.00	of PO &NTP
	DNA extraction kit, 250 preps, For Isolation			,	30 days upon receipt
	of up to 30g Total Cellular DNA from Plant				of PO &NTP
4.	Cells, Tissues or Fungi, 250 preparations	1	unit	105,000.00	
	DNA Ladder, 100bp, 100ng/ul 1x1ml, 1kb+,			,	30 days upon receipt
	100bp lowest band size, with loading dye,				of PO &NTP
	1mL per tube; 100-10000bp, eighteen DNA				
5.	fragments	1	Bottle	4,000.00	
	DNA Ladder, 100bp, 100ng/ul 1x1ml,1kb+,			,	30 days upon receipt
	100bp lowest band size, with loading dye,				of PO &NTP
	500-1000ul per tube; 100-1000bp broad				011 0 001 (11
6.	range	12	Bottle	48,000.00	
	Master Mix, KASP by Design Primer Mix,	·			30 days upon receipt
7.	2500 x 10uL reactions (2.5ml)	1	Unit	22,000.00	of PO &NTP
	Master Mix, KASP Master Mix, 2x Mastermix				30 days upon receipt
	for KASP genotyping, 500 x 10uL reactions				of PO &NTP
8.	(2.5ml)	1	Unit	31,000.00	0.10 0.111
	PCR master mix (2x), includes nuclease-free			2 -,300.00	30 days upon receipt
	water, premixed, ready to use solution				of PO &NTP
	containing Taq DNA polymerase, dNTPs,				0110 6111
	MgCl and reaction buffers, 100 reactions				
9.	(2.5 mL)	7	Sets	35,000.00	
7.	\	,	500	33,000.00	30 days upon receipt
10.	Acrylamide-bis, 40% (19:1) 2 x 500ml/pack	11	Bottles	242,000.00	of PO &NTP
10.	Nucleic acid stain, 10000x in water, 0.5ml,		_ = = = = = = = = = = = = = = = = = = =		30 days upon receipt
	Passed environmental safety tests for				of PO &NTP
	disposal down the drain or in regular trash;				
11.	ultra sensitive, 0.5mL	19	Tubes	126,350.00	
	Tag DNA Polymerase, 500u Kit, 500units,			, -	30 days upon receipt
12.	1x100ul, 4x1ml, 5U/uL	55	Kit	220,000.00	of PO &NTP
	, , = = 1 =		I	-,,,,,,,,,,	I

	1	l			20.1
13.	Lambda DNA, 200ng/uL	2	Units	12,000.00	30 days upon receipt of PO &NTP
	DNA Extraction Kit for plant and Seed, 50			,,,,,,,,,	30 days upon receipt
	preparations for the isolation of fungal DNA				of PO &NTP
	with beads, inhibitor removal columns,				
14.	collection tubes, buffers	1	Kit	15,000.00	
1.5	5x green PCR reaction buffer, 5 ml x 4	10	.	5 0,000,00	30 days upon receipt
15.	bottles per pack	10	Pack	50,000.00	of PO &NTP
16.	Agaraga malagular reagant grade 1 kg	3	bottle	57,000.00	30 days upon receipt of PO &NTP
10.	Agarose, molecular reagent grade, 1 kg Cetyltrimethylammonium Bromide (CTAB),	3	bottle	37,000.00	30 days upon receipt
17.	molecular reagent grade, 500g	2	bottle	29,000.00	of PO &NTP
				. ,	30 days upon receipt
18.	Tris base, Molecular Grade, 1 kg	8	piece	64,000.00	of PO &NTP
					30 days upon receipt
19.	Mineral Oil, Biotechnology Grade, 500ml	9	lot	36,000.00	of PO &NTP
	Clear sealing film for 96-well plates, thermal,				30 days upon receipt
	RNase-, DNase-, and nuclease-free, not				of PO &NTP
20.	pierceable, provide sufficient sealing area	2	nack	6,400.00	
20.	for all PCR plates, 100 pcs/pack Microcentrifuge Pestle, black, for grinding of		pack	0,400.00	30 days upon receipt
21.	samples in microtube, 500 pcs per pack,	1	pack	4,000.00	of PO &NTP
21.	Microtubes, 1.5ml, autoclavable,		pack	1,000.00	30 days upon receipt
	500pcs/pack, Certified RNase-/DNase-free;				of PO &NTP
	Polypropylene, Nonsterile, 500 Tubes/Pack;				
	autoclavable, clear, maximum recovery; flat				
	cap, frosted cap surfaces for labeling,				
	frosted panels on the side for writing; boil-				
22.	proof; withstand up to 20,000 RCF; with	22	nask	12,800.00	
22.	graduation, 500 pcs/pack Microtubes, 2.0ml, autoclavable,	32	pack	12,800.00	30 days upon receipt
	500pcs./pack , Certified RNase-/DNase-free;				of PO &NTP
	Polypropylene, Nonsterile, 500 Tubes/Pack;				0110 6111
	autoclavable, clear, maximum recovery; flat				
	cap, frosted cap surfaces for labeling,				
	frosted panels on the side for writing; boil-				
22	proof; withstand up to 20,000 RCF; with	21	no ale	22 250 00	
23.	graduation, 500 pcs/pack PCR Plates, 96-well, non-skirted, 0.2-0.3 uL	31	pack	23,250.00	30 days upon receipt
	capacity, Certified RNase-/DNase-free,				of PO &NTP
	autoclavable, clear, frosted surfaces for				or ro arvir
	labeling, compatible with most thermal				
24.	cyclers, 50 plates/pack	16	case	96,000.00	
				203,505.68	30 days upon receipt
	PROJECT 2. CPD LOT 1.LABORATOR	Y SUPP	LIES		of PO &NTP
	Beaker,500 ml, polyethelene plastic, white,				
1.	pitcher type	5	piece		
	Interfold paper towel, 203 x 210mm, 175	22			
2.	pulls	23	pack		
3.	Interfolded Paper Towel, 195x205mm Laboratory gown, long sleeves, white, thick	10	piece		
	cloth, with embroidery name of the				
4.	laboratory or division	3	piece		
	Laboratory gown, short sleeves, white, thick				
	cloth, heavy duty, with embroidered name				
5.	of the laboratory or division	3	piece		
6.	Centrifuge rack, 4 way centrifuge rack for 50	5	piece		

	ml, 10 ml, 2/1.5 ml and 0.2 ml tubes			
	Nitrile Gloves, large, powder free, puncture			
7.	resistant, 100 pcs/pack	10	pack	
/.	Nitrile Gloves, Small, powder free, puncture	10	pack	
8.	resistant, 100 pcs/pack	10	pack	
9.	Parafilm, 20 in x 50 ft /roll	4	roll	
	Petri dish, plastic with cover lid, 500		1011	
10.	plates/box	1	piece	
10.	Petri dish, plastic with cover lid, Clear sterile		piece	
	polystyrene Petri dishes with lids, 90mm			
	diameter x 16mm, nonvented, 25 pcs per			
11.	pack	2000	piece	
	Pipette tips, 1000 μL, beveled, white, non-			
	sterile, polypropylene tips are nonpyrogenic			
	and certified to be RNase-/DNase-free, 1000			
12.	pcs/pack	3	pack	
	Pasteur pipette, gamma-radiated, glass, 25			
13.	pcs/pack	5	pack	
14.	Laboratory shoes, rubber, size Large	3	piece	
	Inoculating handle with needle, stainless			
15.	steel, refillable inoculating loop	3	piece	
	Laboratory Wash bottles, top dispensing			
16.	wash bottle, LDPE, 500 ml	2	piece	
	Reagent Bottle, with screw cap, clear,			
	1000ml, screw cap, borosilicate glass,			
17.	autoclavable	5	piece	
	Interfolded Paper Towel,195x205mm,175			
18.	pulls	20	pack	
19.	Tongue depressor, wooden, 100 pcs/pack	65	box	
20.	Tongue depressor, wooden, 100 pcs/pack	6	box	
	Reagent Bottle, crew cap, clear, 1000ml,			
	heavy duty and durable, plastic screw cap			
	(blue/orange/black) GL 80 w/ maximum			
	operational temperature +140°C, bottles			
	complete with polypropylene cap and drip-			
	free pouring ring, complies with ISO 4796,			
	printed with Trace Code for downloadable			
	batch certificate, sloping shoulders for			
	smooth pouring action, white graduations			
	and marking spot, manufactured from			
	temperature and chemically resistant			
21.	borosilicate glass, transparent, round in shape, shutter proof	10	piece	
22.	Tongue depressor, wooden,100 pcs/pack	150	box	
23.	Plastic wrap, Cling wrap, 30 m	3	roll	
24.	Plastic wrap, Cling wrap, 30 m	22	roll	
25.	Plastic wrap, Cling wrap, 30 m	20	roll	
	Cling wrap, industrial type, 500mm x 500	20		
26.	meter/roll	3	roll	
20.	Inoculating box, 100's (individually			
27.	wrapped), 100 pcs/box	1	box	
28.	Eye wash bottle, sterile plastic bottle, 500ml	3	piece	
	Surgical Scissors, straight type, stainless			
29.	steel	30	piece	
	Thermohygrometer, handheld/pocket size,			
	measurement range: 0 to 100%, -30 to			
30.	100°C, resolution: 0.01% RH, 0.01°C, display:	1	piece	

	1 1100 1 11 011			-	
	dual LCD, battery: 9V				
	Stainless steel laboratory spatula, 8.8 inch ,				
	Both ends are flat with one rounded and the				
31.	other tapered.	10	piece		
	Stainless, Scalpel holder, fits no. 10 and 11				
32.	scalpel blade	5	piece		
	Forceps, stainless steel, pinch type, pointed				
33.	edge, 7 inch	5	piece		
	Forceps, curved tip, serrated tip and handle,				
	stainless steel, overall length is 4.5 in., L: 4.5				
	in. (115mm); W: 0.32 in. (8mm) ; H: 0.68 in.				
34.	(17mm)	5	piece		
311	(=/)		p.ccc	71,932.18	20 days upon massint
	PROJECT 2. CPD LOT 2. Commo	n Cha	micals	71,732.10	30 days upon receipt
		Cile			of PO &NTP
	Absolute Ethanol, 2.5L, analytical grade,				
1.	2.5L bottle	1	bottle		
2.	Broth, LB Broth	1	bottle		
	Calcium nitrate tetrahydrate, 500g,				
3.	laboratory grade	2	piece		
4.	Peptone, laboratory grade, 500g	3	gram		
5.	Potato dextrose agar, 500g laboratory grade	5	piece		
	Propanol, Isopropanol, analytical grade, 2.5L				
6.	bottle, absolute	1	bottle		
	Silica gel, 500g, laboratory grade, self				
7.	indicating, 6-18 mesh	5	kilogram		
7.	Sodium phosphate, 500g, AR monobasic,		Kilograni		
8.	laboratory grade	1	bottle		
9.	Streptomycin sulphate salt, 50g	1	piece		
		2	•		
10.	Lactose, AR, 500g		bottle		
	Inoculation fluid, Filamentous Fungi				
1.	inoculation fluid, 72106 IF-FF (sterile), 16ml-				
11.	20 x 150mm tube, 20tubes/box	1	box		
12.	Lactophenol blue stain	1	bottle		
	Alcohol, Denatured alcohol, Technical				
13.	Grade, 20 liters	3	carbouy		
14.	Alcohol, Ethyl Alcohol 95%	13	carbouy		
	Project 2. CPD Molecular &	Biot	echnology		
	_	2.00			
	Chemicals & Supplies			66,467.31	
	Deoxynucleoside Triphosphate, dNTP				30 days upon receipt
	solution set, 100mm, 4x25umol, Molecular				of PO &NTP
	biology grade, 0.25 ml of each 100 mM				
	ultrapure nucleotide as four separate				
	solutions (dATP, dCTP, dGTP and dTTP),				
	concentration: 25umol of each ultrapure				
1.	dNTPs (dATP, dCTP, dGTP and dTTP)	2	Sets	24,000.00	
	Tris base, Molecular biology grade,99.8%(T),				30 days upon receipt
2.	DNAse-free, 500g crystalline powder	3	piece	20,088.00	of PO &NTP
	Magnesium chloride solution, 25 mM		-	.,	30 days upon receipt
3.	MgCl2 solution for PCR, molecular grade	1	piece	3,379.31	of PO &NTP
	PCR Buffer, Gotaq, green, 5ml per unit per		p.202	3,373.31	30 days upon receipt
4	bottle	_	nack	F 000 00	
4.		5	pack	5,000.00	of PO &NTP
	RNAse, 20mg RNase A/mL in 50mM Tris-HCl				30 days upon receipt
_	(pH 8.0), 10mM EDTA, molecular biology	_		44.000.00	of PO &NTP
5.	grade	2	piece	14,000.00	20.1
	PTC Agar, 500g/bottle, molecular reagent				30 days upon receipt
6.	grade. 500ml/bottle	5	bottle	12,000.00	of PO &NTP

	,		1		
7.	Mineral Oil, Biotechnology Grade, 100ml, Density: 0.84 g/mL at 25°C, 500mL	2	lot	3,636.00	30 days upon receipt of PO &NTP
, , , , , , , , , , , , , , , , , , ,	, , , , , , , , , , , , , , , , , , , ,		101	3,500.00	30 days upon receipt
8.	Sodium dodecyl sulfate, molecular reagent grade, 100g/bottle	1	piece	3,300.00	of PO &NTP
	Polyvinyl Polypyrrolidone, 500g, molecular				30 days upon receipt
9.	biology grade	1	piece	12,000.00	of PO &NTP
1.0					30 days upon receipt
10.	Agarose, molecular grade, 500g, Low EEO	1	bottle	12,000.00	of PO &NTP
	PCR tube freezer storage box, for 0.2ml				30 days upon receipt
	tubes, 144 places, Clear polycarbonate lid and base and alpha-numeric index make it				of PO &NTP
	easy to identify samples within the box;				
11.	autoclavable	10	piece	32,800.00	
	Microcentrifuge tubes, 2.0ml, autoclavable,		proce		30 days upon receipt
	500pcs./pack, polypropylene, conical				of PO &NTP
	bottom, Snaplock cap, frosted cap surface,				
12.	autoclavable, clear body, 500 pcs/pack	4	pack	3,636.00	
	Microplates, FF Microplate (Gen II for				30 days upon receipt
13.	filamentous Fungi)	1	box	26,500.00	of PO &NTP
1.4	PCR Plates, 96 well per plate, non-skirted,				30 days upon receipt
14.	50 pcs per case, autoclavable	15	case	67,500.00	of PO &NTP
	Sealing film, 100 films/pack, for 96 well PCR				30 days upon receipt
15.	plates, Clear , Adhesive end tabs for easy	2	Doole	4,000.00	of PO &NTP
13.	seal application and removal Microtubes , 0.2ml, 1000s/pack, PCR tubes,		Pack	4,000.00	30 days upon receipt
	0.2 mL individual tubes with attached flat				of PO &NTP
	snap shut caps, clear, sterile, polypropylene,				or rowni
	conical bottom, Snaplock cap, frosted cap				
16.	surface, autoclavable, clear body	4	pack	12,000.00	
	Microtubes , 0.2ml, 1000s/pack, sterile,				30 days upon receipt
	polypropylene, conical bottom, Snaplock				of PO &NTP
	cap, frosted cap surface, autoclavable, clear				
17.	body	2	pack	2,000.00	
	Microcentrifuge tubes, 1.5ml, autoclavable,				30 days upon receipt
	1000pcs/pack, polypropylene, conical				of PO &NTP
18.	bottom, Snaplock cap, frosted cap surface, autoclavable, clear body	3	nack	2,727.00	
10.	•		pack	2,727.00	
	PROJECT 3. PBBD LOT 1.	LAB	ORATORY		30 days upon receipt
	SUPPLIES			77,128.71	of PO &NTP
1.	Interfold paper towel, 203 x 210mm	10	pack		
2.	Kimwipes, 280 sheets per box, 11x21cm	15	box		
	Nitrile Gloves, powder-free, medical grade				
3.	examination glove, small, 100 pcs/pack	9	pack		
4	Nitrile Gloves, powder-free, medical grade	10			
4.	examination glove, XS size, 100 pcs/pack Nitrile Gloves, powder-free, non-sterile,	10	pack		
5.	large, 100 pcs/pack	4	pack		
6.	Filter paper #42,125 mm (100's/pack)	1	pack		
J.	Interfold paper towel, 203 x 210mm, 175		Pacit		
7.	pulls	6	pack		
	Laboratory marker, ultra-fine tip, low-odor,				
8.	non toxic, water resistant, black	12	piece		
	Nitrile gloves, powder free, Large, 100 pcs				
9.	per pack	1	pack		
10	Nitrile Gloves, powder-free glove,	4	l mask		
10.	medium,100 pcs/pack	4	pack		

Laboratory bottles, Amber bottle, wide mouth with cover, 250 ml capacity Laboratory bottles with screw cap, 1000ml capacity 1 piece 12. capacity 1 piece 13. Laboratory marker, ultra-fine tip, black 14. Filter paper, #42,125 mm (100's/pack) Clear Microsope glass slides with glass cover, Plain, 100s/pack Digital Caliper, electric 6" stainless steel digital vernierdal caliper gauge micrometer 16. 150mm 3 unit Pipettor, 0.5-10ul single channel, autoclavable Pipettor, 20-200ul single channel, autoclavable 1 piece Pipettor, 20-200ul single channel, autoclavable 1 piece 19. Surgical Scissors, 7" 12 piece 20. Iris scissors, 4.5", pointed, straight 2 piece	
Laboratory bottles with screw cap, 1000ml 12. capacity 1 piece 13. Laboratory marker, ultra-fine tip, black 4 piece 14. Filter paper, #42,125 mm (100's/pack) Clear Microsope glass slides with glass 15. cover, Plain, 100s/pack Digital Caliper, electric 6" stainless steel digital vernierdal caliper gauge micrometer 16. 150mm 3 unit Pipettor, 0.5-10ul single channel, autoclavable Pipettor, 20-200ul single channel, autoclavable 1 piece Pipettor, 20-200ul single channel, autoclavable 1 piece 19. Surgical Scissors, 7" 12 piece	
12. capacity 1 piece 13. Laboratory marker, ultra-fine tip, black 4 piece 14. Filter paper, #42,125 mm (100's/pack) 3 pack 15. cover, Plain, 100s/pack 5 pack 15. bigital Caliper, electric 6" stainless steel digital vernierdal caliper gauge micrometer 16. 150mm 3 unit 17. autoclavable 17. autoclavable 1 piece 18. autoclavable 1 piece 19. Surgical Scissors, 7" 12 piece	
13. Laboratory marker, ultra-fine tip, black 14. Filter paper, #42,125 mm (100's/pack) 3 pack Clear Microsope glass slides with glass 15. cover, Plain, 100s/pack 5 pack Digital Caliper, electric 6" stainless steel digital vernierdal caliper gauge micrometer 16. 150mm 3 unit Pipettor, 0.5-10ul single channel, autoclavable 17. autoclavable 18. autoclavable 1 piece 19. Surgical Scissors, 7" 12 piece	
14. Filter paper, #42,125 mm (100's/pack) Clear Microsope glass slides with glass 15. cover, Plain, 100s/pack Digital Caliper, electric 6" stainless steel digital vernierdal caliper gauge micrometer 16. 150mm 3 unit Pipettor, 0.5-10ul single channel, autoclavable Pipettor, 20-200ul single channel, autoclavable 1 piece 19. Surgical Scissors, 7" 12 piece	
Clear Microsope glass slides with glass cover, Plain, 100s/pack 5 pack Digital Caliper, electric 6" stainless steel digital vernierdal caliper gauge micrometer 16. 150mm 3 unit Pipettor, 0.5-10ul single channel, autoclavable 1 piece Pipettor, 20-200ul single channel, autoclavable 1 piece 19. Surgical Scissors, 7" 12 piece	
15. cover, Plain, 100s/pack Digital Caliper, electric 6" stainless steel digital vernierdal caliper gauge micrometer 16. 150mm 3 unit Pipettor, 0.5-10ul single channel, autoclavable Pipettor, 20-200ul single channel, autoclavable 1 piece Pipettor, 20-200ul single channel, autoclavable 1 piece 19. Surgical Scissors, 7" 12 piece	
Digital Caliper, electric 6" stainless steel digital vernierdal caliper gauge micrometer 16. 150mm 3 unit Pipettor, 0.5-10ul single channel, autoclavable 1 piece Pipettor, 20-200ul single channel, autoclavable 1 piece 19. Surgical Scissors, 7" 12 piece	
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16. 150mm 3 unit Pipettor, 0.5-10ul single channel, 17. autoclavable 1 piece Pipettor, 20-200ul single channel, 18. autoclavable 1 piece 19. Surgical Scissors, 7" 12 piece	
Pipettor, 0.5-10ul single channel, autoclavable Pipettor, 20-200ul single channel, autoclavable 1 piece 1 piece 1 piece 1 piece 1 piece 1 piece	
17. autoclavable 1 piece Pipettor, 20-200ul single channel, 18. autoclavable 1 piece 19. Surgical Scissors, 7" 12 piece	
Pipettor, 20-200ul single channel, 18. autoclavable 1 piece 19. Surgical Scissors, 7" 12 piece	
18.autoclavable1 piece19.Surgical Scissors, 7"12 piece	
19. Surgical Scissors, 7" 12 piece	
30 days upon	receipt
PROJECT 3. PBBD LOT 2. COMMON CHEMICALS 189,350.00 of PO &NTP	receipt
1. Formamide, Molecular Grade 2 bottle	
2. Alcohol, Ethyl Alcohol 95%, AR 2.5l 3 carbouy	
Hydrochloric Acid (HCl), Analytical grade,	
3. 2.5L 4 bottle	
4. Propanol, Isopropanol, 2.5L analytical grade 1 bottle	
5. Propanol, Isopropanol, 4L, AR 4 bottle	
Sodium chloride crystal, analytical grade,	
6. 9% NaCl. 500grams, crystal, AR 5 bottle	
7. Sodium Dodecyl sulfate, 500g 4 bottle	
8. Sodium hydroxide, 500g, AR, NaOH 4 bottle	
Ethylenediaminetetraacetic acid, EDTA,	
9. Disodium salt, Molecular Grade, 500g 3 bottle	
10. Alcohol, Ethyl Alcohol 95% 1 carbouy	
Ammonium Persulfate, molecular grade ,	
11. 500g 3 bottle	
12. Boric Acid, Analytical Grade, 500g , ACS, ISO 3 bottle	
13. Chloroform, 4L, AR 3 piece	
PROJECT 3. PBBD MOLECULAR & BIOTECHNOLOGY	
CHEMICALS & SUPPLIES 518,219.20	
30 days upor	receint
1. Acrylamide (bis), 19:1 2x500mL, 40% 2 bottle 30,000.00 of PO &NTP	_
Master Mix, KASP by Design Primer Mix, 30 days upon	
2. 2500 x 10uL reactions (2.5mL) 1 unit 22,000.00 of PO &NTP	
Master Mix, KASP Master Mix, 2x Mastermix 30 days upon	
for KASP genotyping, 500 x 10uL reactions of PO &NTP	riccorpt
3. (2.5ml) 1 unit 31,000.00	
Taq DNA Polymerase, Taq DNA Polymerase, 30 days upor	receipt
4. 500u Kit, 500units, 1x100ul, 4x1ml, 5U/uL 7 kit 30,800.00 of PO &NTP	
30 days upor	
5. Acrylamide(bis), 40%, 19:1 2 x 500mL 1 bottle 18,000.00 of PO &NTP	Γ.
30 days upor	receipt
6. Acrylamide(bis), 40% 19:1 2 x 500mL 3 bottle 30,000.00 of PO &NTP	1
30 days upor	1 receipt
7. Acrylamide (bis), 40% 19:1 2 x 500mL 1 bottle 16,800.00 of PO &NTP	1
Master Mix, PCR Master Mix, 2x, 100 30 days upon	1 receipt
reactions, Includes Nuclease-Free water, of PO &NTP	1
8. premixed, ready to use solution containing 5 set 25,000.00	

	Taq DNA Polymerase, dNTPs, MgC12 and				
	reaction buffers Nucleic Acid Gel Stain, RedSafe Nucleic Acid				20 days year gassist
					30 days upon receipt
	Staining Sol, 1ml, 1x500uL, passed				of PO &NTP
	environmental safety tests for disposal				
	down the drain or in regular trash; ulta	_			
9	. sensitive	1	piece	7,700.00	
	5x green PCR reaction buffer, 5 ml x 4				30 days upon receipt
-	0. bottles per pack	1	pack	2,300.00	of PO &NTP
	Taq DNA Polymerase, 500u Kit, 500units,				30 days upon receipt
-	1. 1x100ul, 4x1ml	2	kit	8,140.00	of PO &NTP
	Tag DNA Polymerase, 500u Kit, 500units,				30 days upon receipt
	2. 1x100ul, 4x1ml, 50 units, 5 units per ul	1	kit	3,740.00	of PO &NTP
	Nucleic Acid Stain, 10000x in water, 0.5ml,		_	-,	30 days upon receipt
	Passed environmental safety tests for				of PO &NTP
	disposal down the drain or in regular trash;				or ro arvir
	3. ultra sensitive	2	tube	14,489.20	
-			tube	14,403.20	30 days upon receipt
	5x Green PCR reaction Buffer, 5ml x 4	2		10,000,00	of PO &NTP
-	4. bottles/pack	2	pack	10,000.00	
	DNA Ladder, 100bp, 100 ng/ uL, 1x1 mL,				30 days upon receipt
	1kb+, 100bp lowest band size, with loading				of PO &NTP
	dye, 500-1000 uL/tube; 100-1000bp broad				
-	5. range	2	bottle	8,360.00	
	DNA extraction kit for isolation of up to 30 g,				30 days upon receipt
	total cellular DNA from plant cells, tissues or				of PO &NTP
-	6. fungi, 250 preparations	1	unit	105,000.00	
	Deoxynucleoside Triphosphate, dNTP				30 days upon receipt
-	7. solution set, 100mm, 4x25 umol/pack	2	set	20,000.00	of PO &NTP
					30 days upon receipt
	8. Agarose, 500g, molecular grade,	2	bottle	22,000.00	of PO &NTP
	grand, and grand,			,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	30 days upon receipt
	9. Tris base, Molecular Grade, 1 kg	1	piece	29,000.00	of PO &NTP
	7. This base, Morecalar Grade, 1 kg		piece	25,000.00	30 days upon receipt
,	0. Temed, 500ml, Molecular grade	2	bottle	9 900 00	of PO &NTP
	0. Temed, 500ml, Molecular grade	2	Dottie	8,800.00	
	11 7:1 14 1 0 1 500	2		0.240.00	30 days upon receipt
4	1. Tris base, Molecular Grade, 500kg	2	piece	9,240.00	of PO &NTP
	Cetyltrimethylammonium Bromide (CTAB),				30 days upon receipt
2	2. 500g, Analytical grade	2	bottle	15,400.00	of PO &NTP
	PCR Plates, 96-well, non-skirted, black				30 days upon receipt
	lettering, 0.2 ml wells, polypropylene, cut				of PO &NTP
	3. corner H12, working volume: <200	10	Pack	6,500.00	
	PCR Plates, PCR Plates, 96 well, non-skirted				30 days upon receipt
	4. 0.2 ul plates, 50 plates per case or pack	5	Case	12,750.00	of PO &NTP
	PCR Plates,PCR micro plates, 96 well, clear				30 days upon receipt
	and 200uL cap. 50 plates/case 96-Well Non-				of PO &NTP
	Skirted Plates for use in PCR and qPCR				
	applications hold up to 0.2 mL of well				
	volume and compatible with most thermal				
	25. cycles.	3	Case	18,000.00	
	Microtubes, 1.5ml, autoclavable,			10,000.00	30 days upon receipt
	500pcs/pack, Certified RNase-/DNase-free;				of PO &NTP
					OI FO WINIP
	Polypropylene, Nonsterile, 500 Tubes/Pack;				
	autoclavable, clear, maximum recovery; flat				
	cap, frosted cap surfaces for labeling,				
	frosted panels on the side for writing; boil-				
] .	proof; withstand up to 20,000 RCF; with	_			
	6. graduation, conical bottom	8	Pack	6,600.00	

	Microtubes, 2.0ml, autoclavable, 500pcs./pack, Certified RNase-/DNase-free; Polypropylene, Nonsterile, 500 Tubes/Pack; autoclavable, clear, maximum recovery; flat cap, frosted cap surfaces for labeling,				30 days upon receipt of PO &NTP
	frosted panels on the side for writing; boil- proof; withstand up to 20,000 RCF; with				
27.	graduation, conical bottom	8	pack	6,600.00	
	Project 3. PBBD MINOR EQUIPM	MENT		81,000.00	30 days upon receipt of PO &NTP
	Soil moisture probe; Range 0-60% VWC, 5 m				
1.	cable length	6	unit		
2.	Soil Tensiometer, 12"	3	unit		

Section VII. Technical Specifications

Technical Specifications for Project 1 CBC

Item	Specification	Statement of Compliance
		Bidders must state here either "Comply" or "Not Comply" against each of the individual parameters of each Specification stating the corresponding performance parameter of the equipment offered. Statements of "Comply" or "Not Comply" must be supported by evidence in a Bidders Bid and cross-referenced to that evidence. Evidence shall be in the form of manufacturer's un-amended sales literature, unconditional statements of specification and compliance issued by the manufacturer, samples, independent test data etc., as appropriate. A statement that is not supported by evidence or is subsequently found to be contradicted by the evidence presented will render the Bid under evaluation liable for rejection. A statement either in the Bidders statement of compliance or the supporting evidence that is found to be false either during Bid evaluation, post-qualification or the execution of the Contract may be regarded as fraudulent and render the Bidder or supplier liable for prosecution subject to the provisions of ITB Clause 3.1(a)(ii) and/or GCC Clause 2.1(a)(ii).
	PROJECT 1. CBC LOT 1	
	COMMON CHEMICALS	
1.	Ammonium Persulfate, molecular grade, 100g	
1.	Ethylenediaminetetraacetic acid, EDTA,	
2.	Disodium salt, AR, 500g	
3.	Ethyl Alcohol 95% TG, 20L	
4.	Ethanol, Analytical Grade, 4L	
5.	Boric Acid, Analytical Grade, 500g	
6.	Chloroform, 4L, AR	
7.	Propanol, Isopropanol, 4L	
	Sodium chloride crystals, ISO, reagent	
8.	grade, 9% NaCl, 500g	
9. 10.	Sodium Dodecyl sulfate, 500g	
10.	Sodium hydroxide, 500g, AR NaOH Ethylenediaminetetraacetic acid, EDTA,	
11.	Disodium salt, molecular grade, 500g	
12.	Formamide, 1L	
13.	Glacial Acetic Acid, Analytical grade, 2.5L	
14.	Hydrochloric Acid, (HCl), Analytical grade, 2.5L	
15.	Non-indicating dessicant, indicating	

PROJECT 1. CBC LOT 2. LABORATORY SUPPLIES Face mask Anti Static, NIOSH approved N95, 10 pcs/pack, collapse resistant cup 1. shape design, particulate respirator interfold paper towel, 203 x 210mm, 175 pulls 3. kimwipes, 11x2tcm, 280 sheets per box Laboratory marker, extra fine tip, black, quick drying, cryogenic, 4. water/alcohol/xylene resistant Laboratory marker, permanent, ultra-fine 5. tip, black Nitrile gloves, powder free, 100 pairs/ 6. pack, small Nitrile gloves, powder free, 100 pairs/ 6. pack, small Nitrile gloves, powder-free, medium, puncture resistant, 100 pcs/pack Nitrile gloves, powder-free, medium, puncture resistant, 100 pcs/pack Nitrile Gloves, powder-free, medium, puncture resistant, 100 pcs/pack Nitrile Gloves, powder-free, extra small, 11. 100 pcs/pack Nitrile Gloves, powder-free, extra small, 11. 100 pcs/pack Pippette tips 200 µL Universal Fit Pipet Tip, Beveled, Yellow, Nonsterile, 1000 Tips/Pack, 20 Packs/Case; polypropylene tips are nonpryogenic and certified to be RNase-/DNase-free; maximum recovery, 12. 1000 pcs per pack Pippette tips, 1000 µL Pipet Tips, Beveled, Blue, Nonsterile, Bulk Pack, 1000 Tips/Pack, 5 Pack/Case; polypropylene tips are nonpyrogenic and certified to be RNase-/DNase-free; maximum recovery, 13. 1000 pcs/pack Pippette tips, 1000 µL Pipet Tips, Beveled, Blue, Nonsterile; Bulk Pack, 1000 Tips/Pack, 5 Pack/Case; polypropylene tips are nonpyrogenic and certified to be RNase-/DNase-free; maximum recovery, 13. 1000 pcs/pack, 5 Pack/Case; polypropylene tips are nonpyrogenic and certified to be RNase-/DNase-free; maximum recovery, 13. 1000 pcs/pack, 5 Pack/Case; polypropylene tips are nonpyrogenic and certified to be RNase-/DNase-free; maximum recovery, 13. 1000 pcs/pack, 5 Pack/Case; polypropylene tips are nonpyrogenic and certified to be RNase-/DNase-free; maximum recovery, 15. 1000 pcs/pack, 15 pack/polypene tips are nonpyrogenic and certified to be RNase-/DNase-free; maximum recovery, 15. 1000 pcs/pack, 15 pack/polypene tips are nonpyrogenic and certified to be RNase		drierite, 10-20 mesh, 500g	
LABORATORY SUPPLIES Face mask Anti Static, NIOSH approved N95, 10 pcs/pack, collapse resistant cup shape design, particulate respirator Interfold paper towel, 203 x 210mm, 175 pulls Kimwipes, 11x21cm, 280 sheets per box Laboratory marker, extra fine tip, black, quick dyring, cryogenic, 4. water/alcohol/xylene resistant Laboratory marker, permanent, ultra-fine tip, black Nitrile gloves, powder free, 100 pairs/ pack, small Nitrile gloves, powder free, 100 pairs/ pack, small Nitrile gloves, powder free, 100 pairs/pack, large Nitrile gloves, powder-free, medium, p. puncture resistant, 100 pcs/pack Nitrile Gloves, powder-free, medium, p. puncture resistant, 100 pcs/pack Nitrile Gloves, powder-free, small, 100's per pack Nitrile Gloves, powder-free, extra small, 11. 100 pcs/pack Pippette tips, 200 µL Universal Fit Pipet Tip, Beveled, Yellow, Nonsterile, 1000 Tips/Pack, 20 Packs/Case; polypropylene tips are nonpyrogenic and certified to be RNase-/DNase-free; maximum recovery, 12. 1000 pcs per pack Pippett tips, 1000 µL Pipet Tips, Beveled, Blue, Nonsterile, Bulk Pack, 1000 Tips/Pack, 2 Packs/Case; polypropylene tips are nonpyrogenic and certified to be RNase-/DNase-free; maximum recovery, 13. 1000 pcs/pack Pippette tips, Ultra Micro Volume Pipet Tips, 10µL, Natural PP, RNase/DNase-free, Bagged, Non-Sterile; 1000 Tips/pack; maximum recovery, 14. maximum recovery Tubes, Conical tubes, 50ml Conical tubes, sterile, autoclavable, 25 per pack PROJECT 1. CBC MOLECULAR & BIOTECHNOLOG CHEMICALS & SUPPLIES 1. Temed, 500ml, molecular grade Deoxynucleoside triphosphate, dNTP solution set, 100mm, 4x25umol Acrylamide/bis, 40% 37.5:1, 250 ml x 4 bottles/pack DNA extraction kit, 250 preps, For Isolation of up to 30g Total Cellular DNA from Plant Cells, Tissues or Fungi, 250 preparations			
Face mask Anti Static, NIOSH approved N95, 10 pcs/pack, collapse resistant cup 1. shape design, particulate respirator Interfold paper towel, 203 x 210mm, 175 2. pulls 3. Kimwipes, 11x21cm, 280 sheets per box Laboratory marker, extra fine tip, black, quick drying, cryogenic, 4. water/alcohol/xylene resistant Laboratory marker, permanent, ultra-fine 5. tip, black Nitrile gloves, powder free, 100 pairs/ pack, small Nitrile gloves, powder free, 100 pairs/pack, large Nitrile gloves, powder-free, 100 pairs/pack, large Nitrile gloves, powder-free, medium, p. uncture resistant, 100 pcs/pack Nitrile Gloves, powder-free, medium, p. puncture resistant, 100 pcs/pack Nitrile Gloves, powder-free, small, 100's per pack Nitrile Gloves, powder-free, extra small, 11. 100 pcs/pack Pippette tips 200 ul. Universal Fit Pipet Tip, Beveled, Yellow, Nonsterile, 1000 Tips/Pack, 20 Packs/Case; polypropylene tips are nonpyrogenic and certified to be RNase-/DNase-free; maximum recovery, 12. 1000 pcs per pack Pippette tips, 1000 ul. Pipet Tips, Beveled, Blue, Nonsterile, Bulk Pack, 1000 Tips/Pack, 5 Packs/Case; polypropylene tips are nonpyrogenic and certified to be RNase-/DNase-free; maximum recovery, 13. 1000 pcs/pack Pippette tips, Ultra Micro Volume Pipet Tips, 10µL, Natural Pp, RNase/DNase-Free, Bagged, Non-Sterile, 1000 Tips/pack; Maximum recovery Tubes, Conical tubes, 50ml Conical tubes, sterile, autoclavable, 25 per pack PROJECT 1. CBC MOLECULAR & BIOTECHNOLOG CHEMICALS & SUPPLIES 1. Temed, 500ml, molecular grade Deoxynucleoside triphosphate, dNTP solution set, 100mm, 4x25umol Acrylamide/bis, 40% 37.5:1, 250 ml x 4 bottles/pack DNA extraction kit, 250 preps, For Isolation of up to 30g Total Cellular DNA from Plant Cells, Tissues or Fungi, 250 4, preparations			
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2. solution set, 100mm, 4x25umol Acrylamide/bis, 40% 37.5:1, 250 ml x 4 3. bottles/pack DNA extraction kit, 250 preps, For Isolation of up to 30g Total Cellular DNA from Plant Cells, Tissues or Fungi, 250 4. preparations	1.		
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DNA extraction kit, 250 preps, For Isolation of up to 30g Total Cellular DNA from Plant Cells, Tissues or Fungi, 250 4. preparations		•	
Isolation of up to 30g Total Cellular DNA from Plant Cells, Tissues or Fungi, 250 4. preparations	3.		
from Plant Cells, Tissues or Fungi, 250 4. preparations			
4. preparations		Isolation of up to 30g Total Cellular DNA	
		from Plant Cells, Tissues or Fungi, 250	
DNA Ladder, 100bp, 100ng/ul 1x1ml,	4.	preparations	
,		DNA Ladder, 100bp, 100ng/ul 1x1ml,	
5. 1kb+, 100bp lowest band size, with	5.	1kb+, 100bp lowest band size, with	

	loading dye, 1mL per tube; 100-10000bp,	1
	eighteen DNA fragments	
	DNA Ladder, 100bp, 100ng/ul 1x1ml,1kb+,	
	100bp lowest band size, with loading dye,	
	500-1000ul per tube; 100-1000bp broad	
6.	range	
0.	Master Mix, KASP by Design Primer Mix,	
7.	2500 x 10uL reactions (2.5ml)	
7.		
	Master Mix, KASP Master Mix, 2x Mastermix for KASP genotyping, 500 x	
8.	10uL reactions (2.5ml)	
0.	PCR master mix (2x), includes nuclease-	
	free water, premixed, ready to use	
	solution containing Taq DNA polymerase,	
9.	dNTPs, MgCl and reaction buffers, 100 reactions (2.5 mL)	
10.	Acrylamide-bis, 40% (19:1) 2 x 500ml/pack	
	Nucleic acid stain, 10000x in water, 0.5ml,	
	Passed environmental safety tests for	
11	disposal down the drain or in regular	
11.		<u> </u>
10	Taq DNA Polymerase, 500u Kit, 500units,	
12.		
13.	Lambda DNA, 200ng/uL	
	DNA Extraction Kit for plant and Seed, 50	
	preparations for the isolation of fungal	
1.4	DNA with beads, inhibitor removal	
14.	•	
1.5	5x green PCR reaction buffer, 5 ml x 4	
15.	bottles per pack	
16.	3 3 7	
17	Cetyltrimethylammonium Bromide (CTAB),	
17.	molecular reagent grade, 500g	
18.	Tris base, Molecular Grade, 1 kg	
19.	Mineral Oil, Biotechnology Grade, 500ml	
	Clear sealing film for 96-well plates,	
	thermal, RNase-, DNase-, and nuclease-	
	free, not pierceable, provide sufficient	
20	sealing area for all PCR plates, 100	
20.		
21	Microcentrifuge Pestle, black, for grinding	
21.	of samples in microtube, 500 pcs per pack,	
	Microtubes, 1.5ml, autoclavable,	
	500pcs/pack, Certified RNase-/DNase-	
	free; Polypropylene, Nonsterile, 500	
	Tubes/Pack; autoclavable, clear, maximum	
	recovery; flat cap, frosted cap surfaces for	
	labeling, frosted panels on the side for	
22.	writing; boil-proof; withstand up to 20,000	
22.	RCF; with graduation, 500 pcs/pack	
	Microtubes, 2.0ml, autoclavable,	
	500pcs./pack , Certified RNase-/DNase-	
	free; Polypropylene, Nonsterile, 500	
	Tubes/Pack; autoclavable, clear, maximum	
	recovery; flat cap, frosted cap surfaces for	
	labeling, frosted panels on the side for	
22	writing; boil-proof; withstand up to 20,000	
23.	RCF; with graduation, 500 pcs/pack	

	PCR Plates, 96-well, non-skirted, 0.2-0.3 uL	
	capacity, Certified RNase-/DNase-free,	
	autoclavable, clear, frosted surfaces for	
	labeling, compatible with most thermal	
24.	cyclers, 50 plates/pack	

Technical Specifications for Project 2 CPD

Item	Specification	Statement of Compliance
		Bidders must state here either "Comply" or "Not Comply" against each of the individual parameters of each Specification stating the corresponding performance parameter of the equipment offered. Statements of "Comply" or "Not Comply" must be supported by evidence in a Bidders Bid and cross-referenced to that evidence. Evidence shall be in the form of manufacturer's un-amended sales literature, unconditional statements of specification and compliance issued by the manufacturer, samples, independent test data etc., as appropriate. A statement that is not supported by evidence or is subsequently found to be contradicted by the evidence presented will render the Bid under evaluation liable for rejection. A statement either in the Bidders statement of compliance or the supporting evidence that is found to be false either during Bid evaluation, post-qualification or the execution of the Contract may be regarded as fraudulent and render the Bidder or supplier liable for prosecution subject to the provisions of ITB Clause 3.1(a)(ii) and/or GCC Clause 2.1(a)(ii).
	PROJECT 2. CPD LOT 1.	3.1(a)(ii) and of GCC clause 2.1(a)(ii).
	LABORATORY SUPPLIES	
	Beaker,500 ml, polyethelene plastic,	
1.	white, pitcher type	
2.	Interfold paper towel, 203 x 210mm, 175 pulls	
3.	Interfolded Paper Towel, 195x205mm	
	Laboratory gown, long sleeves, white,	
4	thick cloth, with embroidery name of the	
4.	laboratory or division Laboratory gown, short sleeves, white,	
	thick cloth, heavy duty, with embroidered	
5.	name of the laboratory or division	
_	Centrifuge rack, 4 way centrifuge rack for	
6.	50 ml, 10 ml, 2/1.5 ml and 0.2 ml tubes Nitrile Gloves, large, powder free,	
7.	Nitrile Gloves, large, powder free, puncture resistant, 100 pcs/pack	
, ·	Nitrile Gloves, Small, powder free,	
8.	puncture resistant, 100 pcs/pack	
9.	Parafilm, 20 in x 50 ft /roll	
10	Petri dish, plastic with cover lid, 500	
10.	plates/box Petri dish, plastic with cover lid, Clear	
11.	. ca., disti, plastic with cover ha, clear	

sterile polystyrene Petri dishes with lids, 90mm diameter x 16mm, nonvented, 25 pcs per pack Pipette tips, 1000 µL, beveled, white, non- sterile, polypropylene tips are nonpyrogenic and certified to be RNase- 12. /DNase-free, 1000 pcs/pack Pasteur pipette, gamma-radiated, glass, 25 pcs/pack 14. Laboratory shoes, rubber, size Large Inoculating handle with needle, stainless 15. steel, refillable inoculating loop Laboratory Wash bottles, top dispensing 16. wash bottle, LDPE, 500 ml Reagent Bottle, with screw cap, clear, 1000ml, screw cap, borosilicate glass, 17. autoclavable Interfolded Paper Towel, 195x205mm , 18. 175 pulls 19. Tongue depressor, wooden, 100 pcs/pack 20. Tongue depressor, wooden, 100 pcs/pack Reagent Bottle, crew cap, clear, 1000ml, heavy duty and durable, plastic screw cap (blue/orange/black) GL 80 w/ maximum operational temperature +140°C, bottles complete with polypropylene cap and drip-free pouring ring, complies with ISO 4796, printed with Trace Code for downloadable batch certificate, sloping shoulders for smooth pouring action, white graduations and marking spot, manufactured from temperature and
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chemically resistant borosilicate glass,
21. transparent, round in shape, shutter proof
22. Tongue depressor, wooden,100 pcs/pack
23. Plastic wrap, Cling wrap, 30 m
24. Plastic wrap, Cling wrap, 30 m
25. Plastic wrap, Cling wrap, 30 m
Cling wrap, industrial type, 500mm x 500
26. meter/roll
Inoculating box, 100's (individually
27. wrapped), 100 pcs/box
Eye wash bottle, sterile plastic bottle,
28. 500ml
Surgical Scissors, straight type, stainless
29. steel
Thermohygrometer, handheld/pocket
size, measurement range: 0 to 100%, -30
to 100°C, resolution: 0.01% RH, 0.01°C,
30. display: dual LCD, battery: 9V
Stainless steel laboratory spatula, 8.8 inch
, Both ends are flat with one rounded and
31. the other tapered.
Stainless, Scalpel holder, fits no. 10 and 11
32. scalpel blade
Forceps, stainless steel, pinch type,
33. pointed edge, 7 inch
554 pointed cage, 7 men

	Forceps, curved tip, serrated tip and				
	handle, stainless steel, overall length is 4.5				
	in., L: 4.5 in. (115mm); W: 0.32 in. (8mm) ;				
34.	H: 0.68 in. (17mm)				
	PROJECT 2. CPD LOT 2. Comm	on Chemi	cals		
	Absolute Ethanol, 2.5L , analytical grade,	J. G. G. G			
1.	2.5L bottle				
2.	Broth, LB Broth				
2.	Calcium nitrate tetrahydrate, 500g,				
3.	laboratory grade				
4.	Peptone, laboratory grade, 500g				
	Potato dextrose agar, 500g laboratory				
5.	grade				
	Propanol, Isopropanol, analytical grade,				
6.	2.5L bottle, absolute				
	Silica gel, 500g, laboratory grade, self				
7.	indicating, 6-18 mesh				
	Sodium phosphate, 500g, AR monobasic,				
8.	laboratory grade				
9.	Streptomycin sulphate salt, 50g				
10.	Lactose, AR, 500g				
	Inoculation fluid, Filamentous Fungi				
	inoculation fluid, 72106 IF-FF (sterile),				
11.	16ml-20 x 150mm tube, 20tubes/box				
12.	Lactophenol blue stain				
10	Alcohol, Denatured alcohol, Technical				
_	Grade, 20 liters				
14.	Alcohol, Ethyl Alcohol 95%				
	•				
	Project 2. CPD Molecular 8	Biotech	nnology	Chemicals	&
	•	Biotech	nnology	Chemicals	&
	Project 2. CPD Molecular 8	Biotecl	nnology	Chemicals	&
	Project 2. CPD Molecular & Supplies	k Biotech	nnology	Chemicals	&
	Project 2. CPD Molecular & Supplies Deoxynucleoside Triphosphate, dNTP	k Biotech	nnology	Chemicals	&
	Project 2. CPD Molecular & Supplies Deoxynucleoside Triphosphate, dNTP solution set, 100mm, 4x25umol,	k Biotech	nnology	Chemicals	&
	Project 2. CPD Molecular & Supplies Deoxynucleoside Triphosphate, dNTP solution set, 100mm, 4x25umol, Molecular biology grade, 0.25 ml of each 100 mM ultrapure nucleotide as four separate solutions (dATP, dCTP, dGTP and	k Biotech	nnology	Chemicals	&
	Project 2. CPD Molecular 8 Supplies Deoxynucleoside Triphosphate, dNTP solution set, 100mm, 4x25umol, Molecular biology grade, 0.25 ml of each 100 mM ultrapure nucleotide as four separate solutions (dATP, dCTP, dGTP and dTTP), concentration: 25umol of each	k Biotech	nology	Chemicals	&
	Project 2. CPD Molecular & Supplies Deoxynucleoside Triphosphate, dNTP solution set, 100mm, 4x25umol, Molecular biology grade, 0.25 ml of each 100 mM ultrapure nucleotide as four separate solutions (dATP, dCTP, dGTP and dTTP), concentration: 25umol of each ultrapure dNTPs (dATP, dCTP, dGTP and	k Biotech	nnology	Chemicals	&
1.	Project 2. CPD Molecular & Supplies Deoxynucleoside Triphosphate, dNTP solution set, 100mm, 4x25umol, Molecular biology grade, 0.25 ml of each 100 mM ultrapure nucleotide as four separate solutions (dATP, dCTP, dGTP and dTTP), concentration: 25umol of each ultrapure dNTPs (dATP, dCTP, dGTP and dTTP)	k Biotech	nnology	Chemicals	&
	Project 2. CPD Molecular 8 Supplies Deoxynucleoside Triphosphate, dNTP solution set, 100mm, 4x25umol, Molecular biology grade, 0.25 ml of each 100 mM ultrapure nucleotide as four separate solutions (dATP, dCTP, dGTP and dTTP), concentration: 25umol of each ultrapure dNTPs (dATP, dCTP, dGTP and dTTP) Tris base, Molecular biology	k Biotech	nnology	Chemicals	&
1.	Project 2. CPD Molecular 8 Supplies Deoxynucleoside Triphosphate, dNTP solution set, 100mm, 4x25umol, Molecular biology grade, 0.25 ml of each 100 mM ultrapure nucleotide as four separate solutions (dATP, dCTP, dGTP and dTTP), concentration: 25umol of each ultrapure dNTPs (dATP, dCTP, dGTP and dTTP) Tris base, Molecular biology grade, 99.8%(T), DNAse-free, 500g	k Biotech	nnology	Chemicals	&
	Project 2. CPD Molecular & Supplies Deoxynucleoside Triphosphate, dNTP solution set, 100mm, 4x25umol, Molecular biology grade, 0.25 ml of each 100 mM ultrapure nucleotide as four separate solutions (dATP, dCTP, dGTP and dTTP), concentration: 25umol of each ultrapure dNTPs (dATP, dCTP, dGTP and dTTP) Tris base, Molecular biology grade,99.8%(T), DNAse-free, 500g crystalline powder	k Biotech	nnology	Chemicals	&
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1. 2. 3.	Project 2. CPD Molecular 8 Supplies Deoxynucleoside Triphosphate, dNTP solution set, 100mm, 4x25umol, Molecular biology grade, 0.25 ml of each 100 mM ultrapure nucleotide as four separate solutions (dATP, dCTP, dGTP and dTTP), concentration: 25umol of each ultrapure dNTPs (dATP, dCTP, dGTP and dTTP) Tris base, Molecular biology grade,99.8%(T), DNAse-free, 500g crystalline powder Magnesium chloride solution, 25 mM MgCI2 solution for PCR, molecular grade PCR Buffer, Gotaq, green, 5ml per unit per	k Biotech	nnology	Chemicals	&
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1. 2. 3. 4.	Project 2. CPD Molecular 8 Supplies Deoxynucleoside Triphosphate, dNTP solution set, 100mm, 4x25umol, Molecular biology grade, 0.25 ml of each 100 mM ultrapure nucleotide as four separate solutions (dATP, dCTP, dGTP and dTTP), concentration: 25umol of each ultrapure dNTPs (dATP, dCTP, dGTP and dTTP) Tris base, Molecular biology grade,99.8%(T), DNAse-free, 500g crystalline powder Magnesium chloride solution, 25 mM MgCl2 solution for PCR, molecular grade PCR Buffer, Gotaq, green, 5ml per unit per bottle RNAse, 20mg RNase A/mL in 50mM Tris-HCl (pH 8.0), 10mM EDTA, molecular biology grade	k Biotech	nnology	Chemicals	&
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1. 2. 3. 4.	Project 2. CPD Molecular 8 Supplies Deoxynucleoside Triphosphate, dNTP solution set, 100mm, 4x25umol, Molecular biology grade, 0.25 ml of each 100 mM ultrapure nucleotide as four separate solutions (dATP, dCTP, dGTP and dTTP), concentration: 25umol of each ultrapure dNTPs (dATP, dCTP, dGTP and dTTP) Tris base, Molecular biology grade,99.8%(T), DNAse-free, 500g crystalline powder Magnesium chloride solution, 25 mM MgCI2 solution for PCR, molecular grade PCR Buffer, Gotaq, green, 5ml per unit per bottle RNAse, 20mg RNase A/mL in 50mM Tris-HCI (pH 8.0), 10mM EDTA, molecular biology grade PTC Agar, 500g/bottle, molecular reagent grade. 500ml/bottle	k Biotech	nnology	Chemicals	&
1. 2. 3. 4. 5.	Project 2. CPD Molecular Supplies Deoxynucleoside Triphosphate, dNTP solution set, 100mm, 4x25umol, Molecular biology grade, 0.25 ml of each 100 mM ultrapure nucleotide as four separate solutions (dATP, dCTP, dGTP and dTTP), concentration: 25umol of each ultrapure dNTPs (dATP, dCTP, dGTP and dTTP) Tris base, Molecular biology grade, 99.8%(T), DNAse-free, 500g crystalline powder Magnesium chloride solution, 25 mM MgCl2 solution for PCR, molecular grade PCR Buffer, Gotaq, green, 5ml per unit per bottle RNAse, 20mg RNase A/mL in 50mM Tris-HCl (pH 8.0), 10mM EDTA, molecular biology grade PTC Agar, 500g/bottle, molecular reagent grade. 500ml/bottle Mineral Oil , Biotechnology Grade, 100ml,	k Biotech	nnology	Chemicals	&
1. 2. 3. 4. 5.	Project 2. CPD Molecular 8 Supplies Deoxynucleoside Triphosphate, dNTP solution set, 100mm, 4x25umol, Molecular biology grade, 0.25 ml of each 100 mM ultrapure nucleotide as four separate solutions (dATP, dCTP, dGTP and dTTP), concentration: 25umol of each ultrapure dNTPs (dATP, dCTP, dGTP and dTTP) Tris base, Molecular biology grade, 99.8%(T), DNAse-free, 500g crystalline powder Magnesium chloride solution, 25 mM MgCI2 solution for PCR, molecular grade PCR Buffer, Gotaq, green, 5ml per unit per bottle RNAse, 20mg RNase A/mL in 50mM Tris-HCl (pH 8.0), 10mM EDTA, molecular biology grade PTC Agar, 500g/bottle, molecular reagent grade. 500ml/bottle Mineral Oil , Biotechnology Grade, 100ml, Density: 0.84 g/mL at 25°C, 500mL Sodium dodecyl sulfate, molecular reagent grade, 100g/bottle	k Biotech	nnology	Chemicals	&
1. 2. 3. 4. 5. 6.	Project 2. CPD Molecular 8 Supplies Deoxynucleoside Triphosphate, dNTP solution set, 100mm, 4x25umol, Molecular biology grade, 0.25 ml of each 100 mM ultrapure nucleotide as four separate solutions (dATP, dCTP, dGTP and dTTP), concentration: 25umol of each ultrapure dNTPs (dATP, dCTP, dGTP and dTTP) Tris base, Molecular biology grade,99.8%(T), DNAse-free, 500g crystalline powder Magnesium chloride solution, 25 mM MgCl2 solution for PCR, molecular grade PCR Buffer, Gotaq, green, 5ml per unit per bottle RNAse, 20mg RNase A/mL in 50mM Tris-HCl (pH 8.0), 10mM EDTA, molecular biology grade PTC Agar, 500g/bottle, molecular reagent grade. 500ml/bottle Mineral Oil , Biotechnology Grade, 100ml, Density: 0.84 g/mL at 25°C, 500mL Sodium dodecyl sulfate, molecular reagent	k Biotech	nnology	Chemicals	&

10.	Agarose, molecular grade, 500g, Low EEO	
	PCR tube freezer storage box, for 0.2ml	
	tubes, 144 places, Clear polycarbonate lid	
	and base and alpha-numeric index make it	
	easy to identify samples within the box;	
11.	autoclavable	
	Microcentrifuge tubes, 2.0ml,	
	autoclavable, 500pcs./pack,	
	polypropylene, conical bottom, Snaplock	
	cap, frosted cap surface, autoclavable,	
12.	clear body, 500 pcs/pack	
	Microplates, FF Microplate (Gen II for	
13.	filamentous Fungi)	
	PCR Plates, 96 well per plate, non-skirted,	
14.	50 pcs per case, autoclavable	
	Sealing film, 100 films/pack, for 96 well	
	PCR plates, Clear , Adhesive end tabs for	
15.	easy seal application and removal	
	Microtubes , 0.2ml, 1000s/pack, PCR	
	tubes, 0.2 mL individual tubes with	
	attached flat snap shut caps, clear, sterile,	
	polypropylene, conical bottom, Snaplock	
	cap, frosted cap surface, autoclavable,	
16.	clear body	
	Microtubes , 0.2ml, 1000s/pack, sterile,	
	polypropylene, conical bottom, Snaplock	
	cap, frosted cap surface, autoclavable,	
17.	clear body	
	Microcentrifuge tubes, 1.5ml,	
	autoclavable, 1000pcs/pack,	
	polypropylene, conical bottom, Snaplock	
	cap, frosted cap surface, autoclavable,	
18.	clear body	

Technical Specifications for Project 3 PBBD

Item	Specification	Statement of Compliance
		Bidders must state here either "Comply" or "Not Comply" against each of the individual parameters of each Specification stating the corresponding performance parameter of the equipment offered. Statements of "Comply" or "Not Comply" must be supported by evidence in a Bidders Bid and cross-referenced to that evidence. Evidence shall be in the form of manufacturer's un-amended sales literature, unconditional statements of specification and compliance issued by the manufacturer, samples, independent test data etc., as appropriate. A statement that is not supported by evidence or is subsequently found to be contradicted by the evidence presented will render the Bid under evaluation liable for rejection. A statement either in the Bidders statement of compliance or the supporting evidence that is found to be false either during Bid evaluation, post-qualification or the execution of the Contract may be regarded as fraudulent and render the Bidder or supplier liable for prosecution subject to the provisions of ITB Clause
	PROJECT 3. PBBD LOT 1. LABORAT	3.1(a)(ii) and/or GCC Clause 2.1(a)(ii).
1.	Interfold paper towel, 203 x 210mm	ONI JUFFLILJ
2.	Kimwipes, 280 sheets per box, 11x21cm	
3.	Nitrile Gloves, powder-free, medical grade	
	examination glove, small, 100 pcs/pack	
4.	Nitrile Gloves, powder-free, medical grade	
	examination glove, XS size, 100 pcs/pack	
5.	Nitrile Gloves, powder-free, non-sterile, large, 100 pcs/pack	
6.	Filter paper #42,125 mm (100's/pack)	
7.	Interfold paper towel, 203 x 210mm, 175	
_	pulls	
8.	Laboratory marker, ultra-fine tip, low-	
	odor, non toxic, water resistant, black	
9.	Nitrile gloves, powder free, Large, 100 pcs	
10.	per pack Nitrile Gloves, powder-free glove,	
10.	medium,100 pcs/pack	
11.	Laboratory bottles, Amber bottle, wide	
11.	mouth with cover, 250 ml capacity	
12.	Laboratory bottles with screw cap,	
12.		
	1000ml capacity	

14	Filter paper, #42,125 mm (100's/pack)	
15.		
13.	cover, Plain, 100s/pack	
16	Digital Caliper, electric 6" stainless steel	
10.	digital vernierdal caliper gauge	
	micrometer 150mm	
17		
1/.	Pipettor, 0.5-10ul single channel, autoclavable	
10		
18.	Pipettor, 20-200ul single channel, autoclavable	
10		
	Surgical Scissors, 7"	
20.	Iris scissors, 4.5", pointed, straight	
	PROJECT 3. PBBD LOT 2. COMMON	N CHEMICALS
1.	Formamide, Molecular Grade	
2.	Alcohol, Ethyl Alcohol 95%, AR 2.5l	
3.	Hydrochloric Acid (HCI), Analytical grade,	
	2.5L	
4.	Propanol, Isopropanol, 2.5L analytical	
	grade	
5.	Propanol, Isopropanol, 4L, AR	
6.	Sodium chloride crystal, analytical grade,	
	9% NaCl. 500grams, crystal, AR	
7.	Sodium Dodecyl sulfate, 500g	
8.	Sodium hydroxide, 500g, AR, NaOH	
9.	Ethylenediaminetetraacetic acid, EDTA,	
	Disodium salt, Molecular Grade, 500g	
10.	Alcohol, Ethyl Alcohol 95%	
11.	Ammonium Persulfate, molecular grade,	
	500g	
	300g	
12.		
	Boric Acid, Analytical Grade, 500g , ACS, ISO	
	Boric Acid, Analytical Grade, 500g , ACS, ISO Chloroform, 4L, AR	
	Boric Acid, Analytical Grade, 500g , ACS, ISO Chloroform, 4L, AR	& BIOTECHNOLOGY CHEMICALS &
	Boric Acid, Analytical Grade, 500g , ACS, ISO Chloroform, 4L, AR	& BIOTECHNOLOGY CHEMICALS &
	Boric Acid, Analytical Grade, 500g , ACS, ISO Chloroform, 4L, AR PROJECT 3. PBBD MOLECULAR SUPPLIES	& BIOTECHNOLOGY CHEMICALS &
13.	Boric Acid, Analytical Grade, 500g , ACS, ISO Chloroform, 4L, AR PROJECT 3. PBBD MOLECULAR SUPPLIES Acrylamide (bis), 19:1 2x500mL, 40%	& BIOTECHNOLOGY CHEMICALS &
13.	Boric Acid, Analytical Grade, 500g , ACS, ISO Chloroform, 4L, AR PROJECT 3. PBBD MOLECULAR SUPPLIES	& BIOTECHNOLOGY CHEMICALS &
13.	Boric Acid, Analytical Grade, 500g , ACS, ISO Chloroform, 4L, AR PROJECT 3. PBBD MOLECULAR SUPPLIES Acrylamide (bis), 19:1 2x500mL, 40% Master Mix, KASP by Design Primer Mix,	& BIOTECHNOLOGY CHEMICALS &
13. 1. 2.	Boric Acid, Analytical Grade, 500g , ACS, ISO Chloroform, 4L, AR PROJECT 3. PBBD MOLECULAR SUPPLIES Acrylamide (bis), 19:1 2x500mL, 40% Master Mix, KASP by Design Primer Mix, 2500 x 10uL reactions (2.5mL)	& BIOTECHNOLOGY CHEMICALS &
13. 1. 2.	Boric Acid, Analytical Grade, 500g , ACS, ISO Chloroform, 4L, AR PROJECT 3. PBBD MOLECULAR SUPPLIES Acrylamide (bis), 19:1 2x500mL, 40% Master Mix, KASP by Design Primer Mix, 2500 x 10uL reactions (2.5mL) Master Mix, KASP Master Mix, 2x	& BIOTECHNOLOGY CHEMICALS &
13. 1. 2.	Boric Acid, Analytical Grade, 500g , ACS, ISO Chloroform, 4L, AR PROJECT 3. PBBD MOLECULAR SUPPLIES Acrylamide (bis), 19:1 2x500mL, 40% Master Mix, KASP by Design Primer Mix, 2500 x 10uL reactions (2.5mL) Master Mix, KASP Master Mix, 2x Mastermix for KASP genotyping, 500 x	& BIOTECHNOLOGY CHEMICALS &
13. 1. 2. 3.	Boric Acid, Analytical Grade, 500g , ACS, ISO Chloroform, 4L, AR PROJECT 3. PBBD MOLECULAR SUPPLIES Acrylamide (bis), 19:1 2x500mL, 40% Master Mix, KASP by Design Primer Mix, 2500 x 10uL reactions (2.5mL) Master Mix, KASP Master Mix, 2x Mastermix for KASP genotyping, 500 x 10uL reactions (2.5ml)	& BIOTECHNOLOGY CHEMICALS &
13. 1. 2. 3.	Boric Acid, Analytical Grade, 500g , ACS, ISO Chloroform, 4L, AR PROJECT 3. PBBD MOLECULAR SUPPLIES Acrylamide (bis), 19:1 2x500mL, 40% Master Mix, KASP by Design Primer Mix, 2500 x 10uL reactions (2.5mL) Master Mix, KASP Master Mix, 2x Mastermix for KASP genotyping, 500 x 10uL reactions (2.5ml) Taq DNA Polymerase, Taq DNA	& BIOTECHNOLOGY CHEMICALS &
13. 1. 2. 3.	Boric Acid, Analytical Grade, 500g , ACS, ISO Chloroform, 4L, AR PROJECT 3. PBBD MOLECULAR SUPPLIES Acrylamide (bis), 19:1 2x500mL, 40% Master Mix, KASP by Design Primer Mix, 2500 x 10uL reactions (2.5mL) Master Mix, KASP Master Mix, 2x Mastermix for KASP genotyping, 500 x 10uL reactions (2.5ml) Taq DNA Polymerase, Taq DNA Polymerase, 500u Kit, 500units, 1x100ul,	& BIOTECHNOLOGY CHEMICALS &
13. 1. 2. 3.	Boric Acid, Analytical Grade, 500g , ACS, ISO Chloroform, 4L, AR PROJECT 3. PBBD MOLECULAR SUPPLIES Acrylamide (bis), 19:1 2x500mL, 40% Master Mix, KASP by Design Primer Mix, 2500 x 10uL reactions (2.5mL) Master Mix, KASP Master Mix, 2x Mastermix for KASP genotyping, 500 x 10uL reactions (2.5ml) Taq DNA Polymerase, Taq DNA Polymerase, 500u Kit, 500units, 1x100ul, 4x1ml, 5U/uL	& BIOTECHNOLOGY CHEMICALS &
13. 1. 2. 3. 4.	Boric Acid, Analytical Grade, 500g , ACS, ISO Chloroform, 4L, AR PROJECT 3. PBBD MOLECULAR SUPPLIES Acrylamide (bis), 19:1 2x500mL, 40% Master Mix, KASP by Design Primer Mix, 2500 x 10uL reactions (2.5mL) Master Mix, KASP Master Mix, 2x Mastermix for KASP genotyping, 500 x 10uL reactions (2.5ml) Taq DNA Polymerase, Taq DNA Polymerase, 500u Kit, 500units, 1x100ul, 4x1ml, 5U/uL Acrylamide(bis), 40%, 19:1 2 x 500mL	& BIOTECHNOLOGY CHEMICALS &
13. 1. 2. 3. 4. 5. 6.	Boric Acid, Analytical Grade, 500g , ACS, ISO Chloroform, 4L, AR PROJECT 3. PBBD MOLECULAR SUPPLIES Acrylamide (bis), 19:1 2x500mL, 40% Master Mix, KASP by Design Primer Mix, 2500 x 10uL reactions (2.5mL) Master Mix, KASP Master Mix, 2x Mastermix for KASP genotyping, 500 x 10uL reactions (2.5ml) Taq DNA Polymerase, Taq DNA Polymerase, 500u Kit, 500units, 1x100ul, 4x1ml, 5U/uL Acrylamide(bis), 40%, 19:1 2 x 500mL Acrylamide(bis), 40% 19:1 2 x 500mL	& BIOTECHNOLOGY CHEMICALS &
13. 1. 2. 3. 4. 5. 6. 7.	Boric Acid, Analytical Grade, 500g , ACS, ISO Chloroform, 4L, AR PROJECT 3. PBBD MOLECULAR SUPPLIES Acrylamide (bis), 19:1 2x500mL, 40% Master Mix, KASP by Design Primer Mix, 2500 x 10uL reactions (2.5mL) Master Mix, KASP Master Mix, 2x Mastermix for KASP genotyping, 500 x 10uL reactions (2.5ml) Taq DNA Polymerase, Taq DNA Polymerase, 500u Kit, 500units, 1x100ul, 4x1ml, 5U/uL Acrylamide(bis), 40%, 19:1 2 x 500mL Acrylamide(bis), 40% 19:1 2 x 500mL Acrylamide (bis), 40% 19:1 2 x 500mL	& BIOTECHNOLOGY CHEMICALS &
13. 1. 2. 3. 4. 5. 6. 7.	Boric Acid, Analytical Grade, 500g , ACS, ISO Chloroform, 4L, AR PROJECT 3. PBBD MOLECULAR SUPPLIES Acrylamide (bis), 19:1 2x500mL, 40% Master Mix, KASP by Design Primer Mix, 2500 x 10uL reactions (2.5mL) Master Mix, KASP Master Mix, 2x Mastermix for KASP genotyping, 500 x 10uL reactions (2.5ml) Taq DNA Polymerase, Taq DNA Polymerase, 500u Kit, 500units, 1x100ul, 4x1ml, 5U/uL Acrylamide(bis), 40%, 19:1 2 x 500mL Acrylamide (bis), 40% 19:1 2 x 500mL Acrylamide (bis), 40% 19:1 2 x 500mL Master Mix, PCR Master Mix, 2x, 100	& BIOTECHNOLOGY CHEMICALS &
13. 1. 2. 3. 4. 5. 6. 7.	Boric Acid, Analytical Grade, 500g , ACS, ISO Chloroform, 4L, AR PROJECT 3. PBBD MOLECULAR SUPPLIES Acrylamide (bis), 19:1 2x500mL, 40% Master Mix, KASP by Design Primer Mix, 2500 x 10uL reactions (2.5mL) Master Mix, KASP Master Mix, 2x Mastermix for KASP genotyping, 500 x 10uL reactions (2.5ml) Taq DNA Polymerase, Taq DNA Polymerase, 500u Kit, 500units, 1x100ul, 4x1ml, 5U/uL Acrylamide(bis), 40%, 19:1 2 x 500mL Acrylamide(bis), 40% 19:1 2 x 500mL Acrylamide (bis), 40% 19:1 2 x 500mL Master Mix, PCR Master Mix, 2x, 100 reactions, Includes Nuclease-Free water,	& BIOTECHNOLOGY CHEMICALS &
13. 1. 2. 3. 4. 5. 6. 7.	Boric Acid, Analytical Grade, 500g , ACS, ISO Chloroform, 4L, AR PROJECT 3. PBBD MOLECULAR SUPPLIES Acrylamide (bis), 19:1 2x500mL, 40% Master Mix, KASP by Design Primer Mix, 2500 x 10uL reactions (2.5mL) Master Mix, KASP Master Mix, 2x Mastermix for KASP genotyping, 500 x 10uL reactions (2.5ml) Taq DNA Polymerase, Taq DNA Polymerase, 500u Kit, 500units, 1x100ul, 4x1ml, 5U/uL Acrylamide(bis), 40%, 19:1 2 x 500mL Acrylamide (bis), 40% 19:1 2 x 500mL Master Mix, PCR Master Mix, 2x, 100 reactions, Includes Nuclease-Free water, premixed, ready to use solution containing	& BIOTECHNOLOGY CHEMICALS &
13. 1. 2. 3. 4. 5. 6. 7.	Boric Acid, Analytical Grade, 500g , ACS, ISO Chloroform, 4L, AR PROJECT 3. PBBD MOLECULAR SUPPLIES Acrylamide (bis), 19:1 2x500mL, 40% Master Mix, KASP by Design Primer Mix, 2500 x 10uL reactions (2.5mL) Master Mix, KASP Master Mix, 2x Mastermix for KASP genotyping, 500 x 10uL reactions (2.5ml) Taq DNA Polymerase, Taq DNA Polymerase, 500u Kit, 500units, 1x100ul, 4x1ml, 5U/uL Acrylamide(bis), 40%, 19:1 2 x 500mL Acrylamide (bis), 40% 19:1 2 x 500mL Master Mix, PCR Master Mix, 2x, 100 reactions, Includes Nuclease-Free water, premixed, ready to use solution containing Taq DNA Polymerase, dNTPs, MgC12 and	& BIOTECHNOLOGY CHEMICALS &
13. 1. 2. 3. 4. 5. 6. 7. 8.	Boric Acid, Analytical Grade, 500g , ACS, ISO Chloroform, 4L, AR PROJECT 3. PBBD MOLECULAR SUPPLIES Acrylamide (bis), 19:1 2x500mL, 40% Master Mix, KASP by Design Primer Mix, 2500 x 10uL reactions (2.5mL) Master Mix, KASP Master Mix, 2x Mastermix for KASP genotyping, 500 x 10uL reactions (2.5ml) Taq DNA Polymerase, Taq DNA Polymerase, 500u Kit, 500units, 1x100ul, 4x1ml, 5U/uL Acrylamide(bis), 40%, 19:1 2 x 500mL Acrylamide(bis), 40% 19:1 2 x 500mL Acrylamide (bis), 40% 19:1 2 x 500mL Master Mix, PCR Master Mix, 2x, 100 reactions, Includes Nuclease-Free water, premixed, ready to use solution containing Taq DNA Polymerase, dNTPs, MgC12 and reaction buffers	& BIOTECHNOLOGY CHEMICALS &
13. 1. 2. 3. 4. 5. 6. 7. 8.	Boric Acid, Analytical Grade, 500g , ACS, ISO Chloroform, 4L, AR PROJECT 3. PBBD MOLECULAR SUPPLIES Acrylamide (bis), 19:1 2x500mL, 40% Master Mix, KASP by Design Primer Mix, 2500 x 10uL reactions (2.5mL) Master Mix, KASP Master Mix, 2x Mastermix for KASP genotyping, 500 x 10uL reactions (2.5ml) Taq DNA Polymerase, Taq DNA Polymerase, 500u Kit, 500units, 1x100ul, 4x1ml, 5U/uL Acrylamide(bis), 40%, 19:1 2 x 500mL Acrylamide(bis), 40% 19:1 2 x 500mL Acrylamide (bis), 40% 19:1 2 x 500mL Master Mix, PCR Master Mix, 2x, 100 reactions, Includes Nuclease-Free water, premixed, ready to use solution containing Taq DNA Polymerase, dNTPs, MgC12 and reaction buffers Nucleic Acid Gel Stain, RedSafe Nucleic	& BIOTECHNOLOGY CHEMICALS &
13. 1. 2. 3. 4. 5. 6. 7. 8.	Boric Acid, Analytical Grade, 500g , ACS, ISO Chloroform, 4L, AR PROJECT 3. PBBD MOLECULAR SUPPLIES Acrylamide (bis), 19:1 2x500mL, 40% Master Mix, KASP by Design Primer Mix, 2500 x 10uL reactions (2.5mL) Master Mix, KASP Master Mix, 2x Mastermix for KASP genotyping, 500 x 10uL reactions (2.5ml) Taq DNA Polymerase, Taq DNA Polymerase, 500u Kit, 500units, 1x100ul, 4x1ml, 5U/uL Acrylamide(bis), 40%, 19:1 2 x 500mL Acrylamide(bis), 40% 19:1 2 x 500mL Acrylamide (bis), 40% 19:1 2 x 500mL Master Mix, PCR Master Mix, 2x, 100 reactions, Includes Nuclease-Free water, premixed, ready to use solution containing Taq DNA Polymerase, dNTPs, MgC12 and reaction buffers Nucleic Acid Gel Stain, RedSafe Nucleic Acid Staining Sol, 1ml, 1x500uL, passed environmental safety tests for disposal down the drain or in regular trash; ulta	& BIOTECHNOLOGY CHEMICALS &
13. 1. 2. 3. 4. 5. 6. 7. 8.	Boric Acid, Analytical Grade, 500g , ACS, ISO Chloroform, 4L, AR PROJECT 3. PBBD MOLECULAR SUPPLIES Acrylamide (bis), 19:1 2x500mL, 40% Master Mix, KASP by Design Primer Mix, 2500 x 10uL reactions (2.5mL) Master Mix, KASP Master Mix, 2x Mastermix for KASP genotyping, 500 x 10uL reactions (2.5ml) Taq DNA Polymerase, Taq DNA Polymerase, 500u Kit, 500units, 1x100ul, 4x1ml, 5U/uL Acrylamide(bis), 40%, 19:1 2 x 500mL Acrylamide(bis), 40% 19:1 2 x 500mL Acrylamide (bis), 40% 19:1 2 x 500mL Master Mix, PCR Master Mix, 2x, 100 reactions, Includes Nuclease-Free water, premixed, ready to use solution containing Taq DNA Polymerase, dNTPs, MgC12 and reaction buffers Nucleic Acid Gel Stain, RedSafe Nucleic Acid Staining Sol, 1ml, 1x500uL, passed environmental safety tests for disposal	& BIOTECHNOLOGY CHEMICALS &

10.	5x green PCR reaction buffer, 5 ml x 4	
	bottles per pack	
11.	Taq DNA Polymerase, 500u Kit, 500units,	
	1x100ul, 4x1ml	
12.	Taq DNA Polymerase, 500u Kit, 500units,	
	1x100ul, 4x1ml, 50 units, 5 units per ul	
13.	Nucleic Acid Stain, 10000x in water, 0.5ml,	
	Passed environmental safety tests for	
	disposal down the drain or in regular	
	trash; ultra sensitive	
14.	5x Green PCR reaction Buffer, 5ml x 4	
	bottles/pack	
15.	, 1, 3, ,	
	1kb+, 100bp lowest band size, with	
	loading dye, 500-1000 uL/tube; 100-	
	1000bp broad range	
16.	•	
	g, total cellular DNA from plant cells,	
	tissues or fungi, 250 preparations	
17.	Deoxynucleoside Triphosphate, dNTP	
	solution set, 100mm, 4x25 umol/pack	
18.		
19.	Tris base, Molecular Grade, 1 kg	
20.	Temed, 500ml, Molecular grade	
21.	Tris base, Molecular Grade, 500kg	
22.	Cetyltrimethylammonium Bromide (CTAB),	
	500g, Analytical grade	
23.	PCR Plates, 96-well, non-skirted, black	
	lettering, 0.2 ml wells, polypropylene, cut	
	corner H12, working volume: <200	
24.	·	
	skirted 0.2 ul plates, 50 plates per case or	
	pack	
25.	PCR Plates,PCR micro plates, 96 well, clear	
	and 200uL cap. 50 plates/case 96-Well	
	Non-Skirted Plates for use in PCR and	
	qPCR applications hold up to 0.2 mL of	
	well volume and compatible with most	
26	thermal cycles.	
26.		
	500pcs/pack, Certified RNase-/DNase-	
	free; Polypropylene, Nonsterile, 500 Tubes/Pack; autoclavable, clear, maximum	
	recovery; flat cap, frosted cap surfaces for	
	labeling, frosted panels on the side for	
	writing; boil-proof; withstand up to 20,000	
	RCF; with graduation, conical bottom	
27.	Microtubes, 2.0ml, autoclavable,	
	500pcs./pack, Certified RNase-/DNase-	
	free; Polypropylene, Nonsterile, 500	
	Tubes/Pack; autoclavable, clear, maximum	
	recovery; flat cap, frosted cap surfaces for	
	labeling, frosted panels on the side for	
	writing; boil-proof; withstand up to 20,000	
	RCF; with graduation, conical bottom	

	Project 3. PBBD LOT 3. MINOR EQUIPMENT					
1.	Soil moisture probe; Range 0-60% VWC, 5 m cable length					
2.	Soil Tensiometer, 12"					

Section VIII. Bidding Forms

TABLE OF CONTENTS

BID FORM	79
CONTRACT AGREEMENT FORM	83
OMNIBUS SWORN STATEMENT	84
CHECKLIST OF ELIGIBILITY REQUIREMENTS	88

Bid Form

	Invitation	Date: to Bid ¹ N ^o :
To: [name and address of Page 2017]	rocuring Entity]	
Gentlemen and/or Ladies:		
numbers], the receipt of wl [supply/deliver/perform] [deliver/perform] [deliver/perform] [deliver/perform] [to Documents for the sum of [to Documents]]	nich is hereby duly escription of the o otal Bid amount in v	ents including Bid Bulletin Numbers [insert of acknowledged, we, the undersigned, offer to Goods] in conformity with the said Bidding words and figures] or such other sums as may be Prices attached herewith and made part of this
We undertake, if our B schedule specified in the Sch		eliver the goods in accordance with the delivery nts.
If our Bid is accepted amounts, and within the time		provide a performance security in the form, dding Documents.
		Validity Period specified in <u>BDS</u> provision for on us and may be accepted at any time before the
Commissions or gratuit to contract execution if we ar		o be paid by us to agents relating to this Bid, and act, are listed below: ²
Name and address of agent	Amount and Currency	Purpose of Commission or gratuity
(if none, state "None'	?)	

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

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

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

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

-

¹ If ADB, JICA and WB funded projects, use IFB.

² Applicable only if the Funding Source is the ADB, JICA or WB.

Name of Bidder	, to participate,	submit the bid	, and to sign	and execute	the ensuing	contract on
the latter's behal	If for <i>Name of I</i>	Project of the Na	ame of the Pr	ocuring Entit	<u>ty</u>].	

	C	n each and every page of thi ound for the rejection of our b	,
Dated this	day of	20	
[signature]		[in the capacity of]	
Duly authorized to si	gn Bid for and on be	chalf of	

For Goods Offered From Abroad

Name of Bidder				In	Invitation to Bid ³ Number Page of				
				·					
1	2	3	4	5	6	7	8	9	
Item	Description	Country of origin	Quantity	Unit price CIF port of entry (specify port) or CIP named place (specify border point or place of destination)	Total CIF or CIP price per item (col. 4 x 5)	Unit Price Delivered Duty Unpaid (DDU)	Unit price Delivered Duty Paid (DDP)	Total Price delivered DD (col 4 x 8)	
[sig	nature]			[in t	he capacity	v of]		-	
Dul	y authoriz	ed to sig	n Bid for	and on behalf of					

81

³ If ADB, JICA and WB funded projects, use IFB.

For Goods Offered From Within the Philippines

Name of Bidder					Invitation to Bid ⁴ Number Page of					
1	2	3	4	5	6	7	8	9	10	
Item	Description	Country of origin	Quantity	Unit price EXW per item	Transportation and Insurance and all other costs incidental to delivery, per item	Sales and other taxes payable if Contract is awarded, per item	Cost of Incidental Services, if applicable, per item	Total Price, per unit (col 5+6+7+8)	Total Price delivered Final Destination (col 9) x (col 4)	
Ī:	signature]				[in the	capacity of	7			
D	Ouly author	rized to s	sign Bid t	for and on b	ehalf of					

82

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

Contract Agreement Form

PROCURI	VG ENTITY] of the Philipp	ines (hereinafter called	20 between [name and "the Entity") of the one part an after called "the Supplier") of	and
description	of goods and services] and services in the sum of [con	has accepted a Bid by	and ancillary services, viz., [brithe Supplier for the supply of the nd figures] (hereinafter called "	ose
NO	W THIS AGREEMENT WI	TNESSETH AS FOLI	LOWS:	
	this Agreement words and assigned to them in the Co	<u> </u>	have the same meanings as ferred to.	are
2. The this Agreen	_	be deemed to form ar	nd be read and construed as part	of
(a) (b) (c) (d) (e) (f) (g)	documents/statements s	ubmitted (e.g. bidder's ons to the bid resulting ments; ions; of Contract; of Contract; y; and	d Financial Proposals, and all offs response to clarifications on g from the Procuring Entity's	the
mentioned,		ents with the Entity to	Entity to the Supplier as hereinal provide the goods and services are provisions of the Contract	
goods and s may become	services and the remedying	of defects therein, the	consideration of the provision of a Contract Price or such other sum that the time and in the manner	as
			I this Agreement to be executed s on the day and year first abo	
Signed, sea	led, delivered by	the	(for the Entity)	
Signed, sea	led, delivered by	the	(for the Supplier).	

Omnibus Sworn Statement

REPUBLIC OF THE PHILIPPINES)		
CITY/MUNICIPALITY OF)	S.	S

AFFIDAVIT

I, [Name of Affiant], of legal age, [Civil Status], [Nationality], and residing at [Address of Affiant], after having been duly sworn in accordance with law, do hereby depose and state that:

1. Select one, delete the other:

If a sole proprietorship: I am the sole proprietor or authorized representative of [Name of Bidder] with office address at [address of Bidder];

If a partnership, corporation, cooperative, or joint venture: I am the duly authorized and designated representative of [Name of Bidder] with office address at [address of Bidder];

2. Select one, delete the other:

If a sole proprietorship: As the owner and sole proprietor, or authorized representative of [Name of Bidder], I have full power and authority to do, execute and perform any and all acts necessary to participate, submit the bid, and to sign and execute the ensuing contract for [Name of the Project] of the [Name of the Procuring Entity], as shown in the attached duly notarized Special Power of Attorney;

If a partnership, corporation, cooperative, or joint venture: I am granted full power and authority to do, execute and perform any and all acts necessary to participate, submit the bid, and to sign and execute the ensuing contract for [Name of the Project] of the [Name of the Procuring Entity], as shown in the attached [state title of attached document showing proof of authorization (e.g., duly notarized Secretary's Certificate, Board/Partnership Resolution, or Special Power of Attorney, whichever is applicable;)];

- 3. [Name of Bidder] is not "blacklisted" or barred from bidding by the Government of the Philippines or any of its agencies, offices, corporations, or Local Government Units, foreign government/foreign or international financing institution whose blacklisting rules have been recognized by the Government Procurement Policy Board;
- 4. Each of the documents submitted in satisfaction of the bidding requirements is an authentic copy of the original, complete, and all statements and information provided therein are true and correct;
- 5. [Name of Bidder] is authorizing the Head of the Procuring Entity or its duly authorized representative(s) to verify all the documents submitted;

6. Select one, delete the rest:

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

If a partnership or cooperative: None of the officers and members of [Name of Bidder] is related to the Head of the Procuring Entity, members of the Bids and Awards Committee

(BAC), the Technical Working Group, and the BAC Secretariat, the head of the Project Management Office or the end-user unit, and the project consultants by consanguinity or affinity up to the third civil degree;

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

- 7. [Name of Bidder] complies with existing labor laws and standards; and
- 8. [Name of Bidder] is aware of and has undertaken the following responsibilities as a Bidder:
 - a) Carefully examine all of the Bidding Documents;
 - b) Acknowledge all conditions, local or otherwise, affecting the implementation of the Contract;
 - c) Made an estimate of the facilities available and needed for the contract to be bid, if any; and
 - d) Inquire or secure Supplemental/Bid Bulletin(s) issued for the [Name of the Project].
- 9. [Name of Bidder] did not give or pay directly or indirectly, any commission, amount, fee, or any form of consideration, pecuniary or otherwise, to any person or official, personnel or representative of the government in relation to any procurement project or activity.

IN WITNESS WHEREOF, I have h	nereunto set my hand this day of, 20 at
, Philippines.	
	Bidder's Representative/Authorized Signatory

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

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

Serial No. of Commis	Y PUBLIC sion
	until
Roll of Attorneys No.	
PTR No [date	e issued], [place issued
IBP No [date	e issued], [place issued

Doc. No. _____ Page No. ____ Book No. ____ Series of ____

BID SECURING DECLARATION FORM

CITY OF		HE PHILIPPINES)) S.S.
X		BID SECURING DECLARATION Invitation to Bid: [Insert Reference number]
To: [Insert	name an	d address of the Procuring Entity]
I/We^5 , the	undersig	ned, declare that:
1.		understand that, according to your conditions, bids must be supported by a Security, which may be in the form of a Bid-Securing Declaration.
2.	your Secti (15) communde	accept that: (a) I/we will be automatically disqualified from bidding for any ract with any procuring entity for a period of two (2) years upon receipt of Blacklisting order; and, (b) I/we will pay the applicable fine provided under on 6 of the Guidelines on the Use of Bid Securing Declaration, within fifteen days from receipt of the written demand by the procuring entity for the mission of acts resulting to the enforcement of the bid securing declaration r Sections 23.1(b), 34.2, 40.1 and 69.1, except 69.1(f), of the IRR of RA; without prejudice to other legal action the government may undertake.
3.		understand that this Bid Securing Declaration shall cease to be valid on the ving circumstances:
	(a)	Upon expiration of the bid validity period, or any extension thereof pursuant to your request;
	(b)	I am/we are declared ineligible or post-disqualified upon receipt of your notice to such effect, and (i) I/we failed to timely file a request for reconsideration or (ii) I/we filed a waiver to avail of said right;
	(c)	I am/we are declared the bidder with the Lowest Calculated Responsive Bid, and I/we have furnished the performance security and signed the Contract.
		SS WHEREOF, I/We have hereunto set my/our hand/s this day of place of execution].
		[Insert NAME OF BIDDER'S AUTHORIZED REPRESENTATIVE] [Insert Signatory's Legal Capacity] Affiant

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

86

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		

CHECKLIST OF ELIGIBILITY REQUIREMENTS

The Eligibility & Technical Component shall contain the following: Kindly put tab markings on each of the requirements and arrange the documents in proper order.

ELIGIBILITY & TECHNICAL COMPONENT (1^{ST} Envelope) please prepare in three (3) copies one original & two (2) duplicate copies

(a) Eligibility Documents

CLASS "A" Documents:

(i) Photocopy of PhilGEPS Platinum Registration Certificate.

(b) Technical Documents

- (ii) Statement of all its ongoing government and private contracts including contracts awarded but not yet started, if any. The statement shall include, for each contract, the following:
 - (iv.1) name of the contract
 - (iv.2) date and status of the contract
 - (iv.3) kinds of Goods;
 - (iv.4) amount of contract and value of outstanding contracts

The statement must be signed by the duly authorized signatory of the company. If no ongoing contract, bidders shall state none.

- (iii) Statement of the bidder's Single Largest Completed Contract (SLCC) similar to the contract to be bid within the past two (2) years. The statement shall include:
 - (v.1) name of contract
 - (v.2) date of contract
 - (v.3) kinds of goods
 - (v.4) amount of contract
 - (v.5) date of delivery and
 - (v.6) end-user's acceptance or official receipt(s) issued for the contract.

The statement must be signed by the duly authorized signatory of the company.

(c) Financial Documents

- (iv) NFCC computation in accordance with ITB Clause 5.5 with **15** as multiplier or a Credit Line Certificate issued by a Universal or Commercial Bank at least equal to ten percent (10%) of the ABC per item;
- (v) Bid Security in accordance to ITB Clause 18. Any of the following:

	Amount of Bid Security
Form of Bid Security	(Equal to Percentage of the ABC per
	item)
(a) Cash or cashier's/manager's check issued by a Universal or Commercial Bank	Two percent (2%)
(b) Surety Bond	Five percent (5%)
(c) Bid Securing Declaration	

- (vi) Conformity with the technical specifications, as enumerated and specified in Section VI and VII of the Bidding Documents must be supported with evidence (Brochure and Certificate as Authorized Dealer or Distributor)
- (vii) Omnibus Sworn Statement

<u>CHECKLIST OF REQUIREMENTS FOR THE FINANCIAL COMPONENT (2nd Envelope)</u> please prepare in three (3) copies, one (1) original and two (2) duplicate copies

The Financial Proposal 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.
 - Suppliers shall submit one financial bid form per project. If you will bid for all the projects, a separate financial bid form per project is required.

<u>POST-QUALIFICATION REQUIREMENTS</u> prepare in three (3) copies, one (1) original and two (2) duplicate copies

Bidders please SUBMIT the following documents DURING the Bid Opening (to be included in the Financial Proposal):

a) Latest Income & Business Tax Return (6 months)