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

## **Republic of the Philippines Department of Science and Technology PHILIPPINE NUCLEAR RESEARCH INSTITUTE**

### **INVITATION TO BID FOR THE PROCUREMENT OF FOURTEEN (14) LOTS LABORATORY EQUIPMENT UNDER THE PROJECTS: ESTABLISHMENT OF RADIATION BIOLOGY RESEARCH CENTER AND DEVELOPMENT OF NOVEL NANOMEDICINE**

1. The Philippine Nuclear Research Institute, through the 2018 DOST - Grants-In-Aid (DOST- GIA) intends to apply the total sum of ***Php24,349,536.00*** (*Lot 1: ₱7,000,000.00; Lot 2: ₱4,800,000.00; Lot 3: ₱755,000.00; Lot 4: ₱1,370,000.00; Lot 5: ₱1,200,000.00; Lot 6: ₱1,100,000.00; Lot 7: ₱971,536.00; Lot 8: ₱2,300,000.00; Lot 9: ₱850,000.00; Lot 10: ₱1,700,000.00; Lot 11: ₱428,000.00; Lot 12: ₱645,000.00; Lot 13: ₱945,000.00 and Lot 14: ₱285,000.00* ) being the Approved Budget for the Contract (ABC) to payment for the Procurement of Fourteen (14) Lots Laboratory Equipment Under the Projects: Establishment of Radiation Biology Research Center and Development of Novel Nanomedicine. Bids received in excess of the ABC shall be automatically rejected during bid opening.
2. The Philippine Nuclear Research Institute now invites bids for the Procurement of Fourteen (14) Lots Laboratory Equipment Under the Projects: Establishment of Radiation Biology Research Center and Development of Novel Nanomedicine. Required delivery of Goods is on March 6, 2019 until 5:00 PM, upon receipt of approved Notice to Proceed/Purchase Order. Bidders should have completed, within three (3) years prior to the date of submission and receipt of bids, at least a single contract similar to the Project. The description of an eligible bidder is contained in Section II of the Bidding Documents: Instruction to Bidders.
3. Bidding will be conducted through open competitive bidding procedures using a non-discretionary “pass/fail” criterion as specified in the 2016 Revised Implementing Rules and Regulations (IRR) of Republic Act (RA) 9184, otherwise known as the “Government Procurement Reform Act”. Bidding is restricted to Filipino citizens/sole proprietorships, partnerships, or organizations with at least sixty percent (60%) interest or outstanding capital stock belonging to citizens of the Philippines, and to citizens or organizations of a country the laws or regulations of which grant similar rights or privileges to Filipino citizens, pursuant to RA 5183.
4. Interested bidders may obtain further information from the Philippine Nuclear Research Institute Bids and Awards Committee (BAC) Secretariat and inspect the Bidding Documents at the address given below.

5. A complete set of Bidding Documents may be acquired by interested Bidders from the BAC Secretariat, PNRI between **9:00 am to 5:00 pm** from **September 12 – October 01, 2018**, Monday thru Friday, upon payment of a nonrefundable fee, pursuant to the latest Guidelines issued by the GPPB, in the amount of Twenty Five Thousand Pesos (Php25,000.00) to the PNRI Cash Section, FAD.

It may also be downloaded free of charge from the website of the Philippine Government Electronic Procurement System (PhilGEPS) and the website of the Philippine Nuclear Research Institute (<http://www.pnri.dost.gov.ph>), provided that Bidders shall pay the applicable fee for the Bidding Documents not later than the submission of their bids.

6. The Philippine Nuclear Research Institute will hold a Pre-Bid Conference on **September 20, 2018, Thursday, 10:00 AM** at the **3<sup>rd</sup> Floor Conference Room, NART Building, PNRI Compound**, which shall be open to prospective bidders.
7. Bids must be duly received by the BAC Secretariat at the address below on **October 02, 2018, Tuesday**, not later than **10:00 AM**. 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 **October 02, 2018, 10:00 AM** at **3<sup>rd</sup> Floor Conference Room, NART, Building, PNRI Compound**. 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 Nuclear Research Institute reserves the right to accept or reject any bid, to annul the bidding process, and to reject all bids at any time prior to contract award, without thereby incurring any liability to the affected bidder or bidders.
9. For further information, please refer to:

**PHILIPPINE NUCLEAR RESEARCH INSTITUTE**  
**Deputy Director Soledad S. Castañeda, Ph.D.**  
Chairperson, PNRI-BAC  
Commonwealth Avenue, Diliman, Quezon City  
929-6011 to 19

**Administrative Officer Hershy Lou C. Santos**  
Head BAC Secretariat  
929-6011 to 19 Loc. 259/Fax. 920-8760  
[hcsantos@pnri.dost.gov.ph](mailto:hcsantos@pnri.dost.gov.ph)

# ***Section II. Instructions to Bidder***

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## **A. General**

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

- 1.1. The Procuring Entity named in the **BDS** invites bids for the supply and delivery of the Goods as described in **Error! Reference source not found.**
- 1.2. The name, identification, and number of lots specific to this bidding are provided in the **BDS**. The contracting strategy and basis of evaluation of lots is described in **ITB** Clause 28.

### **2. Source of Funds**

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

### **3. Corrupt, Fraudulent, Collusive, and Coercive Practices**

- 3.1. Unless otherwise specified in the **BDS**, the Procuring Entity as well as the bidders and suppliers shall observe the highest standard of ethics during the procurement and execution of the contract. In pursuance of this policy, the Procuring Entity:
  - (a) defines, for purposes of this provision, the terms set forth below as follows:
    - (i) “corrupt practice” means behavior on the part of officials in the public or private sectors by which they improperly and unlawfully enrich themselves, others, or induce others to do so, by misusing the position in which they are placed, and includes the offering, giving, receiving, or soliciting of anything of value to influence the action of any such official in the procurement process or in contract execution; entering, on behalf of the government, into any contract or transaction manifestly and grossly disadvantageous to the same, whether or not the public officer profited or will profit thereby, and similar acts as provided in RA 3019.
    - (ii) “fraudulent practice” means a misrepresentation of facts in order to influence a procurement process or the execution of a contract to the detriment of the Procuring Entity, and includes collusive practices among Bidders (prior to or after bid submission) designed to establish bid prices at artificial, non-competitive levels and to deprive the Procuring Entity of the benefits of free and open competition.
    - (iii) “collusive practices” means a scheme or arrangement between two or more Bidders, with or without the knowledge of the Procuring Entity, designed to establish bid prices at artificial, non-competitive levels.
    - (iv) “coercive practices” means harming or threatening to harm, directly or indirectly, persons, or their property to influence their participation in a procurement process, or affect the execution of a contract;
    - (v) “obstructive practice” is

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

#### **4. Conflict of Interest**

- 4.1. All Bidders found to have conflicting interests shall be disqualified to participate in the procurement at hand, without prejudice to the imposition of appropriate administrative, civil, and criminal sanctions. A Bidder may be considered to have conflicting interests with another Bidder in any of the events described in paragraphs (a) through (c) below and a general conflict of interest in any of the circumstances set out in paragraphs (d) through (g) below:
  - (a) A Bidder has controlling shareholders in common with another Bidder;
  - (b) A Bidder receives or has received any direct or indirect subsidy from any other Bidder;
  - (c) A Bidder has the same legal representative as that of another Bidder for purposes of this bid;
  - (d) A Bidder has a relationship, directly or through third parties, that puts them in a position to have access to information about or influence on the bid of another Bidder or influence the decisions of the Procuring Entity regarding this bidding process;

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

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

## 5. Eligible Bidders

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



responsible or liable for a particular contract: Provided, however, that Filipino ownership or interest of the JV concerned shall be at least sixty percent (60%).

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

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

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

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

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

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

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

## 6. Bidder's Responsibilities

- 6.1. The Bidder or its duly authorized representative shall submit a sworn statement in the form prescribed in Section VIII. Bidding Forms as required in **ITB** Clause 12.1(b)(iii).
- 6.2. The Bidder is responsible for the following:
  - (a) Having taken steps to carefully examine all of the Bidding Documents;
  - (b) Having acknowledged all conditions, local or otherwise, affecting the implementation of the contract;
  - (c) Having made an estimate of the facilities available and needed for the contract to be bid, if any;
  - (d) Having complied with its responsibility to inquire or secure Supplemental/Bid Bulletin(s) as provided under **ITB** Clause 10.4.
  - (e) Ensuring that it is not "blacklisted" or barred from bidding by the GOP or any of its agencies, offices, corporations, or LGUs, including foreign government/foreign or international financing institution whose blacklisting rules have been recognized by the GPPB;
  - (f) Ensuring that each of the documents submitted in satisfaction of the bidding requirements is an authentic copy of the original, complete, and all statements and information provided therein are true and correct;
  - (g) Authorizing the HoPE or its duly authorized representative/s to verify all the documents submitted;
  - (h) Ensuring that the signatory is the duly authorized representative of the Bidder, and granted full power and authority to do, execute and perform any and all acts necessary and/or to represent the Bidder in the bidding, with the duly notarized Secretary's Certificate attesting to such fact, if the Bidder is a corporation, partnership, cooperative, or joint venture;
  - (i) Complying with the disclosure provision under Section 47 of RA 9184 and its IRR in relation to other provisions of RA 3019;
  - (j) Complying with existing labor laws and standards, in the case of procurement of services; Moreover, bidder undertakes to:
    - (i) Ensure the entitlement of workers to wages, hours of work, safety and health and other prevailing conditions of work as established by national laws, rules and regulations; or collective bargaining agreement; or arbitration award, if and when applicable.

In case there is a finding by the Procuring Entity or the DOLE of underpayment or non-payment of workers' wage and wage-related benefits, bidder agrees that the performance security or portion of the contract amount shall be withheld in favor of the complaining workers pursuant to appropriate provisions of Republic Act No. 9184

without prejudice to the institution of appropriate actions under the Labor Code, as amended, and other social legislations.

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

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

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

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

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

## **7. Origin of Goods**

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

## **8. Subcontracts**

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

## **B. Contents of Bidding Documents**

## **9. Pre-Bid Conference**

- 9.1. (a) If so specified in the **BDS**, a pre-bid conference shall be held at the venue and on the date indicated therein, to clarify and address the Bidders' questions on the technical and financial components of this Project.  
  
(b) The pre-bid conference shall be held at least twelve (12) calendar days before the deadline for the submission and receipt of bids, but not earlier than seven (7) calendar days from the posting of the invitation to bid/bidding documents in the PhilGEPS website. If the Procuring Entity determines that, by reason of the method, nature, or complexity of the contract to be bid, or when international participation will be more advantageous to the GOP, a longer period for the preparation of bids is necessary, the pre-bid conference shall be held at least thirty (30) calendar days before the deadline for the submission and receipt of bids, as specified in the **BDS**.
- 9.2. Bidders are encouraged to attend the pre-bid conference to ensure that they fully understand the Procuring Entity's requirements. Non-attendance of the Bidder will in no way prejudice its bid; however, the Bidder is expected to know the changes and/or amendments to the Bidding Documents as recorded in the minutes of the pre-bid conference and the Supplemental/Bid Bulletin. The minutes of the pre-bid conference shall be recorded and prepared not later than five (5) calendar days after the pre-bid conference. The minutes shall be made available to prospective bidders not later than five (5) days upon written request.
- 9.3. Decisions of the BAC amending any provision of the bidding documents shall be issued in writing through a Supplemental/Bid Bulletin at least seven (7) calendar days before the deadline for the submission and receipt of bids.

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

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

## **C. Preparation of Bids**

### **11. Language of Bids**

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

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

- 12.1. Unless otherwise indicated in the **BDS**, the first envelope shall contain the following eligibility and technical documents:
  - (a) Eligibility Documents –  
Class "A" Documents:
    - (i) PhilGEPS Certificate of Registration and Membership in accordance with Section 8.5.2 of the IRR, except for foreign bidders participating in the procurement by a Philippine Foreign Service Office or Post, which shall submit their eligibility documents under Section 23.1 of

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

- (ii) Statement of all its ongoing government and private contracts, including contracts awarded but not yet started, if any, whether similar or not similar in nature and complexity to the contract to be bid; and

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

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

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

**Class "B" Document:**

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

- (i) Bid security in accordance with **ITB** Clause 18. If the Bidder opts to submit the bid security in the form of:
  - (i.1) a bank draft/guarantee or an irrevocable letter of credit issued by a foreign bank, it shall be accompanied by a confirmation from a Universal or Commercial Bank; or
  - (i.2) a surety bond, it shall be accompanied by a certification by the Insurance Commission that the surety or insurance company is authorized to issue such instruments;
- (ii) Conformity with technical specifications, as enumerated and specified in Sections VI and VII of the Bidding Documents; and
- (iii) Sworn statement in accordance with Section 25.3 of the IRR of RA 9184 and using the form prescribed in **Error! Reference source not found.**
- (iv) For foreign bidders claiming eligibility by reason of their country's extension of reciprocal rights to Filipinos, a certification from the relevant government office of their country stating that Filipinos are allowed to participate in their government procurement activities for the same item or product.

### **13. Documents Comprising the Bid: Financial Component**

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

- (iii) The procuring entity has trained cost estimators on estimating prices and analyzing bid variances.
- (iv) The procuring entity has established a system to monitor and report bid prices relative to ABC and engineer's/procuring entity's estimate.
- (v) The procuring entity has established a monitoring and evaluation system for contract implementation to provide a feedback on actual total costs of goods and works.

## **14. Alternative Bids**

- 14.1 Alternative Bids shall be rejected. For this purpose, alternative bid is an offer made by a Bidder in addition or as a substitute to its original bid which may be included as part of its original bid or submitted separately therewith for purposes of bidding. A bid with options is considered an alternative bid regardless of whether said bid proposal is contained in a single envelope or submitted in two (2) or more separate bid envelopes.
- 14.2 Each Bidder shall submit only one Bid, either individually or as a partner in a JV. A Bidder who submits or participates in more than one bid (other than as a subcontractor if a subcontractor is permitted to participate in more than one bid) will cause all the proposals with the Bidder's participation to be disqualified. This shall be without prejudice to any applicable criminal, civil and administrative penalties that may be imposed upon the persons and entities concerned.

## **15. Bid Prices**

- 15.1. The Bidder shall complete the appropriate Schedule of Prices included herein, stating the unit prices, total price per item, the total amount and the expected countries of origin of the Goods to be supplied under this Project.
- 15.2. The Bidder shall fill in rates and prices for all items of the Goods described in the Schedule of Prices. Bids not addressing or providing all of the required items in the Bidding Documents including, where applicable, Schedule of Prices, shall be considered non-responsive and, thus, automatically disqualified. In this regard, where a required item is provided, but no price is indicated, the same shall be considered as non-responsive, but specifying a zero (0) or a dash (-) for the said item would mean that it is being offered for free to the Government, except those required by law or regulations to be accomplished.
- 15.3. The terms Ex Works (EXW), Cost, Insurance and Freight (CIF), Cost and Insurance Paid to (CIP), Delivered Duty Paid (DDP), and other trade terms used to describe the obligations of the parties, shall be governed by the rules prescribed in the current edition of the International Commercial Terms (INCOTERMS) published by the International Chamber of Commerce, Paris.
- 15.4. Prices indicated on the Price Schedule shall be entered separately in the following manner:
  - (a) For Goods offered from within the Procuring Entity's country:
    - (i) The price of the Goods quoted EXW (ex works, ex factory, ex warehouse, ex showroom, or off-the-shelf, as applicable);



- (ii) The cost of all customs duties and sales and other taxes already paid or payable;
    - (iii) The cost of transportation, insurance, and other costs incidental to delivery of the Goods to their final destination; and
    - (iv) The price of other (incidental) services, if any, listed in the **BDS**.
  - (b) For Goods offered from abroad:
    - (i) Unless otherwise stated in the **BDS**, the price of the Goods shall be quoted DDP with the place of destination in the Philippines as specified in the **BDS**. In quoting the price, the Bidder shall be free to use transportation through carriers registered in any eligible country. Similarly, the Bidder may obtain insurance services from any eligible source country.
    - (ii) The price of other (incidental) services, if any, listed in the **BDS**.
  - (c) For Services, based on the form which may be prescribed by the Procuring Entity, in accordance with existing laws, rules and regulations
- 15.5. Prices quoted by the Bidder shall be fixed during the Bidder's performance of the contract and not subject to variation or price escalation on any account. A bid submitted with an adjustable price quotation shall be treated as non-responsive and shall be rejected, pursuant to **ITB** Clause 24.

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

## 16. Bid Currencies

- 16.1. Prices shall be quoted in the following currencies:
- (a) For Goods that the Bidder will supply from within the Philippines, the prices shall be quoted in Philippine Pesos.
  - (b) For Goods that the Bidder will supply from outside the Philippines, the prices may be quoted in the currency(ies) stated in the **BDS**. However, for purposes of bid evaluation, bids denominated in foreign currencies shall be converted to Philippine currency based on the exchange rate as published in the *Bangko Sentral ng Pilipinas* (BSP) reference rate bulletin on the day of the bid opening.
- 16.2. If so allowed in accordance with **ITB** Clause 16.1, the Procuring Entity for purposes of bid evaluation and comparing the bid prices will convert the amounts in various

currencies in which the bid price is expressed to Philippine Pesos at the foregoing exchange rates.

- 16.3. Unless otherwise specified in the **BDS**, payment of the contract price shall be made in Philippine Pesos.

## 17. Bid Validity

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

## 18. Bid Security

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

Form of Bid Security	Amount of Bid Security (Not Less than the Percentage of the ABC)
<p>(a) Cash or cashier's/manager's check issued by a Universal or Commercial Bank.</p> <p><i>For biddings conducted by LGUs, the Cashier's/Manager's Check may be issued by other banks certified by the BSP as authorized to issue such financial instrument.</i></p>	Two percent (2%)
<p>(b) Bank draft/guarantee or irrevocable letter of credit issued by a Universal or Commercial Bank: Provided, however, that it shall be confirmed or authenticated by a Universal or Commercial Bank, if issued by a foreign bank.</p> <p><i>For biddings conducted by LGUs, Bank Draft/Guarantee, or Irrevocable Letter of Credit may be issued by other banks certified by the BSP as authorized to issue such</i></p>	

<i>financial instrument.</i>	
(c) Surety bond callable upon demand issued by a surety or insurance company duly certified by the Insurance Commission as authorized to issue such security.	Five percent (5%)

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

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

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

## 19. Format and Signing of Bids

- 19.1. Bidders shall submit their bids through their duly authorized representative using the appropriate forms provided in **Error! Reference source not found.** on or before the deadline specified in the **ITB** Clauses 21 in two (2) separate sealed bid envelopes, and which shall be submitted simultaneously. The first shall contain the technical component of the bid, including the eligibility requirements under **ITB** Clause 12.1, and the second shall contain the financial component of the bid. This shall also be observed for each lot in the case of lot procurement.
- 19.2. Forms as mentioned in **ITB** Clause 19.1 must be completed without any alterations to their format, and no substitute form shall be accepted. All blank spaces shall be filled in with the information requested.
- 19.3. The Bidder shall prepare and submit an original of the first and second envelopes as described in **ITB** Clauses 12 and 13. In addition, the Bidder shall submit copies of the first and second envelopes. In the event of any discrepancy between the original and the copies, the original shall prevail.

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

## **20. Sealing and Marking of Bids**

- 20.1. Bidders shall enclose their original eligibility and technical documents described in **ITB** Clause 12 in one sealed envelope marked “ORIGINAL - TECHNICAL COMPONENT”, and the original of their financial component in another sealed envelope marked “ORIGINAL - FINANCIAL COMPONENT”, sealing them all in an outer envelope marked “ORIGINAL BID”.
- 20.2. Each copy of the first and second envelopes shall be similarly sealed duly marking the inner envelopes as “COPY NO. \_\_\_\_ - TECHNICAL COMPONENT” and “COPY NO. \_\_\_\_ – FINANCIAL COMPONENT” and the outer envelope as “COPY NO. \_\_\_\_”, respectively. These envelopes containing the original and the copies shall then be enclosed in one single envelope.
- 20.3. The original and the number of copies of the Bid as indicated in the **BDS** shall be typed or written in ink and shall be signed by the Bidder or its duly authorized representative/s.
- 20.4. All envelopes shall:
- (a) contain the name of the contract to be bid in capital letters;
  - (b) bear the name and address of the Bidder in capital letters;
  - (c) be addressed to the Procuring Entity’s BAC in accordance with **ITB** Clause 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.

## **D. Submission and Opening of Bids**

### **21. Deadline for Submission of Bids**

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

### **22. Late Bids**

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

## **23. Modification and Withdrawal of Bids**

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

## **24. Opening and Preliminary Examination of Bids**

- 24.1. The BAC shall open the bids in public, immediately after the deadline for the submission and receipt of bids, as specified in the **BDS**. In case the Bids cannot be opened as scheduled due to justifiable reasons, the BAC shall take custody of the Bids submitted and reschedule the opening of Bids on the next working day or at the soonest possible time through the issuance of a Notice of Postponement to be posted in the PhilGEPS website and the website of the Procuring Entity concerned.
- 24.2. Unless otherwise specified in the **BDS**, the BAC shall open the first bid envelopes and determine each Bidder’s compliance with the documents prescribed in **ITB** Clause 12, using a non-discretionary “pass/fail” criterion. If a Bidder submits the required document, it shall be rated “passed” for that particular requirement. In this

regard, bids that fail to include any requirement or are incomplete or patently insufficient shall be considered as “failed”. Otherwise, the BAC shall rate the said first bid envelope as “passed”.

- 24.3. Unless otherwise specified in the **BDS**, immediately after determining compliance with the requirements in the first envelope, the BAC shall forthwith open the second bid envelope of each remaining eligible bidder whose first bid envelope was rated “passed”. The second envelope of each complying bidder shall be opened within the same day. In case one or more of the requirements in the second envelope of a particular bid is missing, incomplete or patently insufficient, and/or if the submitted total bid price exceeds the ABC unless otherwise provided in **ITB** Clause 13.2, the BAC shall rate the bid concerned as “failed”. Only bids that are determined to contain all the bid requirements for both components shall be rated “passed” and shall immediately be considered for evaluation and comparison.
- 24.4. Letters of Withdrawal shall be read out and recorded during bid opening, and the envelope containing the corresponding withdrawn bid shall be returned to the Bidder unopened.
- 24.5. All members of the BAC who are present during bid opening shall initial every page of the original copies of all bids received and opened.
- 24.6. In the case of an eligible foreign bidder as described in **ITB** Clause 5, the following Class “A” Documents may be substituted with the appropriate equivalent documents, if any, issued by the country of the foreign Bidder concerned, which shall likewise be uploaded and maintained in the PhilGEPS in accordance with Section 8.5.2 of the IRR:
  - (a) Registration certificate from the Securities and Exchange Commission (SEC), Department of Trade and Industry (DTI) for sole proprietorship, or CDA for cooperatives;
  - (b) Mayor’s/Business permit issued by the local government where the principal place of business of the bidder is located; and
  - (c) Audited Financial Statements showing, among others, the prospective bidder’s total and current assets and liabilities stamped “received” by the Bureau of Internal Revenue or its duly accredited and authorized institutions, for the preceding calendar year which should not be earlier than two years from the date of bid submission.
- 24.7. Each partner of a joint venture agreement shall likewise submit the requirements in **ITB** Clause 12.1(a)(i). Submission of documents required under **ITB** Clauses 12.1(a)(ii) to 12.1(a)(iii) by any of the joint venture partners constitutes compliance.
- 24.8. The Procuring Entity shall prepare the minutes of the proceedings of the bid opening that shall include, as a minimum: (a) names of Bidders, their bid price (per lot, if applicable, and/or including discount, if any), bid security, findings of preliminary examination, and whether there is a withdrawal or modification; and (b) attendance sheet. The BAC members shall sign the abstract of bids as read.
- 24.8. The bidders or their duly authorized representatives may attend the opening of bids. The BAC shall ensure the integrity, security, and confidentiality of all submitted bids. The Abstract of Bids as read and the minutes of the bid opening shall be made

available to the public upon written request and payment of a specified fee to recover cost of materials.

- 24.9 To ensure transparency and accurate representation of the bid submission, the BAC Secretariat shall notify in writing all bidders whose bids it has received through its PhilGEPS-registered physical address or official e-mail address. The notice shall be issued within seven (7) calendar days from the date of the bid opening.

## **E. Evaluation and Comparison of Bids**

### **25. Process to be Confidential**

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

### **26. Clarification of Bids**

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

### **27. Domestic Preference**

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



substantially from articles, materials, or supplies of the growth, production, or manufacture, as the case may be, of the Philippines.

## **28. Detailed Evaluation and Comparison of Bids**

- 28.1. The Procuring Entity will undertake the detailed evaluation and comparison of bids which have passed the opening and preliminary examination of bids, pursuant to **ITB** Clause 24, in order to determine the Lowest Calculated Bid.
- 28.2. The Lowest Calculated Bid shall be determined in two steps:
- (a) The detailed evaluation of the financial component of the bids, to establish the correct calculated prices of the bids; and
  - (b) The ranking of the total bid prices as so calculated from the lowest to the highest. The bid with the lowest price shall be identified as the Lowest Calculated Bid.
- 28.3. The Procuring Entity's BAC shall immediately conduct a detailed evaluation of all bids rated "passed," using non-discretionary pass/fail criteria. The BAC shall consider the following in the evaluation of bids:
- (a) Completeness of the bid. Unless the **BDS** allows partial bids, bids not addressing or providing all of the required items in the Schedule of Requirements including, where applicable, Schedule of Prices, shall be considered non-responsive and, thus, automatically disqualified. In this regard, where a required item is provided, but no price is indicated, the same shall be considered as non-responsive, but specifying a zero (0) or a dash (-) for the said item would mean that it is being offered for free to the Procuring Entity, except those required by law or regulations to be provided for; and
  - (b) Arithmetical corrections. Consider computational errors and omissions to enable proper comparison of all eligible bids. It may also consider bid modifications. Any adjustment shall be calculated in monetary terms to determine the calculated prices.
- 28.4. Based on the detailed evaluation of bids, those that comply with the above-mentioned requirements shall be ranked in the ascending order of their total calculated bid prices, as evaluated and corrected for computational errors, discounts and other modifications, to identify the Lowest Calculated Bid. Total calculated bid prices, as evaluated and corrected for computational errors, discounts and other modifications, which exceed the ABC shall not be considered, unless otherwise indicated in the **BDS**.
- 28.5. The Procuring Entity's evaluation of bids shall be based on the bid price quoted in the Bid Form, which includes the Schedule of Prices.
- 28.6. Bids shall be evaluated on an equal footing to ensure fair competition. For this purpose, all bidders shall be required to include in their bids the cost of all taxes, such as, but not limited to, value added tax (VAT), income tax, local taxes, and other fiscal levies and duties which shall be itemized in the bid form and reflected in the detailed estimates. Such bids, including said taxes, shall be the basis for bid evaluation and comparison.

- 28.7. If so indicated pursuant to **ITB** Clause 1.2, Bids are being invited for individual lots or for any combination thereof, provided that all Bids and combinations of Bids shall be received by the same deadline and opened and evaluated simultaneously so as to determine the Bid or combination of Bids offering the lowest calculated cost to the Procuring Entity. Bid prices quoted shall correspond to all items specified for each lot and to all quantities specified for each item of a lot. Bid Security as required by **ITB** Clause 18 shall be submitted for each contract (lot) separately. The basis for evaluation of lots is specified in BDS Clause 28.3.

## **29. Post-Qualification**

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

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

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

When applicable, the BAC shall conduct a post-qualification of the Bidder with the next Lowest Calculated Bid. A request for reconsideration may be filed by the bidder with the HoPE in accordance with Section 37.1.3 of the IRR of RA 9184.

### **30. Reservation Clause**

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

- (d) The bidder with the LCRB refuses, without justifiable cause to accept the award of contract, and no award is made in accordance with Section 40 of the IRR of RA 9184.

## **F. Award of Contract**

### **31. Contract Award**

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

### **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.  <i>For biddings conducted by the LGUs, the Cashier's/Manager's Check may be issued by other banks certified by the BSP as authorized to issue such financial instrument.</i>	Five percent (5%)
(b) Bank draft/guarantee or irrevocable letter of credit issued by a Universal or Commercial Bank: Provided, however, that it shall be confirmed or authenticated by a Universal or Commercial Bank, if issued by a foreign bank.  <i>For biddings conducted by the LGUs, the Bank Draft/</i>	

<i>Guarantee or Irrevocable Letter of Credit may be issued by other banks certified by the BSP as authorized to issue such financial instrument.</i>	
(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 <b>Philippine Nuclear Research Institute</b>
1.2	<p>The name of the contract is:</p> <p><b><i>Procurement of Fourteen (14) Lots Laboratory Equipment Under the Projects: Establishment of Radiation Biology Research Center and Development of Novel Nanomedicine</i></b></p> <p>The identification number of the contract is: <b><i>PR No. 18-08-861</i></b></p>
2	<p>The Funding Source is:</p> <p>The Government of the Philippines (GOP) through the DOST Grants-In-Aid (DOST-GIA) in the total amount of <b><i>Php 24,349,536.00</i></b></p> <p>The name of the Project is: <b><i>Procurement of Fourteen (14) Lots Laboratory Equipment Under the Projects: Establishment of Radiation Biology Research Center and Development of Novel Nanomedicine</i></b></p> <p><b><i>(Lot 1: ₱7,000,000.00; Lot 2: ₱4,800,000.00; Lot 3: ₱755,000.00; Lot 4: ₱1,370,000.00; Lot 5: ₱1,200,000.00; Lot 6: ₱1,100,000.00; Lot 7: ₱971,536.00; Lot 8: ₱2,300,000.00; Lot 9: ₱850,000.00; Lot 10: ₱1,700,000.00; Lot 11: ₱428,000.00; Lot 12: ₱645,000.00; Lot 13: ₱945,000.00 and Lot 14: ₱285,000.00 )</i></b></p>
5.1	No further Instructions.
5.2	None of the circumstances mentioned in the <b>ITB</b> Clause exists in this Project. Foreign bidders, except those falling under <b>ITB</b> Clause 5.2(b), may not participate in this Project.
5.4	<p>The prospective bidder must have completed, within the period specified in the Invitation to Bid, a single contract that is similar to the contract to be bid, and whose value, adjusted to current prices using the National Statistics Office (NSO) consumer price indices, must be at least fifty percent (50%) of the ABC.</p> <p>If, at the outset and after conducting market research, the procuring entity can already determine that imposing the same will likely result to: (a) failure of bidding, or (b) monopoly that will defeat the purpose of public bidding, the procuring entity, in lieu of the above, may require the following:</p> <p style="padding-left: 40px;">a) The prospective bidder should have completed at least two (2) similar contracts and the aggregate amount of which should be equivalent to at least the percentage of the ABC as required above; and</p>

	b) The largest of these similar contracts must be equivalent to at least half of the percentage of the ABC as required above.
5.5	No further instructions.
6.1	No further instructions.
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 <b><i>September 20, 2018 10:00 AM at the 3rd Floor Conference Room, NART Building, PNRI Compound, Commonwealth Avenue, Diliman, Quezon City</i></b>
10.1	The Procuring Entity's address is:  <b><i>Philippine Nuclear Research Institute Commonwealth Avenue, Diliman, Quezon City Deputy Director Soledad S. Castañeda, Ph.D. Chairperson, BAC 929-6011 to 19</i></b>
12.1	No further instructions.
12.1(a)(i)	PhilGEPS Certificate of Registration and membership in accordance with Section 8.5.2 of the IRR. For procurement to be performed overseas, it shall be subject to the Guidelines to be issued by the GPPB.
12.1(a)(iii)	The statement of all ongoing and completed government and private contracts shall include all such contracts within three (3) years prior to the deadline for the submission and receipt of bids.
13.1	No additional Requirements
13.2	The ABC is <b><i>Php 24,349,536.00</i></b> . 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
15.5	Bid Prices shall be fixed. Adjustable price proposals shall be treated as non-responsive and shall be rejected.
16.1(b)	The Bid prices for Goods supplied from outside of the Philippines shall be quoted in Philippine Pesos.
16.3	No further instructions.



17.1	Bids will be valid for 120 days from the date of the Opening of Bids
18.1	<p>The bid security shall be in an amount equal to a percentage of the Lot or total amount of the Lots to be bid in accordance with any of the following forms:</p> <ol style="list-style-type: none"> <li>1. <b>Two Percent (2%)</b>, if bid security is in cash, cashier's/manager's check, bank draft/guarantee or irrevocable letter of credit;</li> <li>2. <b>Five Percent (5%)</b>, if bid security is in Surety Bond;</li> </ol> <p>If a surety bond will be used, the following are the requirements:</p> <ol style="list-style-type: none"> <li>a. Must have the original receipt;</li> <li>b. Must be callable on demand;</li> <li>c. Certified by the Insurance Commission that the surety company is authorized to issue such security.</li> </ol> <ol style="list-style-type: none"> <li>3. Any combination of the foregoing proportionate to the share of form with respect to total amount of security;</li> <li>4. Bid Securing Declaration</li> </ol>
18.2	The bid security shall be valid for 120 days from the date of the Opening of Bids
18.5	<p>The bid security may be forfeited for the following additional reasons:</p> <ol style="list-style-type: none"> <li>1. Submission of eligibility requirements containing false information or falsified documents.</li> <li>2. 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.</li> <li>3. Allowing the use of one's name, or using the name of another for purposes of public bidding.</li> <li>4. Withdrawal of a bid, or refusal to accept an award, or enter into contract with the Government without justifiable cause, after the Bidder had been adjudged as having submitted the Lowest Calculated and Responsive Bid.</li> <li>5. Refusal or failure to post the required performance security within the prescribed time.</li> <li>6. Refusal to clarify or validate in writing its bid during post-qualification within a period of seven (7) calendar days from receipt of the request for clarification.</li> <li>7. Any documented unsolicited attempt by a bidder to unduly influence the outcome of the bidding in his favor.</li> <li>8. Failure of the potential joint venture partners to enter into the joint venture after the bid is declared as successful.</li> <li>9. 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</li> </ol>

	(3) times within a year, except for valid reasons.
18.5(b)(ii)	No further instructions.
20.1	No further instructions.
20.3	Each Bidder shall submit One (1) original and Two (2) copies of the first and second components of its bid.
21	Bids must be received by the Procuring Entity's BAC at the address and or before the date and time indicated in the BDS. In case the deadline for submission of bids fall on non-working day duly declared by the president, governor or mayor or other government official authorized to make such declaration, the deadline shall be the next working day.
24.1	<p>The place of bid opening is</p> <p><b><i>3rd Floor Conference Room, NART Building, PNRI Compound, Commonwealth Avenue, Diliman, Quezon City</i></b></p> <p>The date and time of bid opening is <b><i>October 02, 2018 at 10:00 AM.</i></b></p>
25.1	No further instructions.
27.1	No further instructions.
28.3(a)	<p>Grouping and Evaluation of Lots –</p> <p>Option 3 - Similar items, to be grouped together to form several lots that shall be evaluated and awarded as separate contracts.</p> <p>All items are grouped in lots. Bidders shall have the option of submitting a proposal on any or all lots and evaluation and contract award will be undertaken on a per lot basis.</p>
28.3(b)	Bid modification is not allowed.
28.4	No further instructions.
28.5	No further instructions.
29.2	<p>Only tax returns filed and taxes paid through the BIR Electronic Filing and Payments System (EFPS) shall be accepted.</p> <p>NOTE: The latest income and business tax returns are those within the last six months preceding the date of bid submission.</p>
29.2	<p>Other appropriate licenses and permits required:</p> <ol style="list-style-type: none"> <li>1. BIR Registration Certification, which contains the Taxpayer's Identification Number.</li> <li>2. Articles of Incorporation, Partnership or Cooperation, whichever is applicable, including amendments thereto, if any.</li> </ol>
32.4(f)	No additional requirements.
34	All notices called for by the terms of the contract shall be effective only at the time of receipt thereof by the successful Bidder.

# ***Section IV. General Conditions of Contract***

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## 1. Definitions

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

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

- (n) “Verified Report” refers to the report submitted by the Implementing Unit to the HoPE setting forth its findings as to the existence of grounds or causes for termination and explicitly stating its recommendation for the issuance of a Notice to Terminate.

## **2. Corrupt, Fraudulent, Collusive, and Coercive Practices**

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

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

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

- (bb) acts intended to materially impede the exercise of the inspection and audit rights of the Procuring Entity or any foreign government/foreign or international financing institution herein.

- (b) will reject a proposal for award if it determines that the Bidder recommended for award has engaged in any of the practices mentioned in this Clause for purposes of competing for the contract.

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

### **3. Inspection and Audit by the Funding Source**

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

### **4. Governing Law and Language**

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

### **5. Notices**

- 5.1. Any notice, request, or consent required or permitted to be given or made pursuant to this Contract shall be in writing. Any such notice, request, or consent shall be deemed to have been given or made when received by the concerned party, either in person or through an authorized representative of the Party to whom the communication is addressed, or when sent by registered mail, telex, telegram, or facsimile to such Party at the address specified in the

SCC, which shall be effective when delivered and duly received or on the notice's effective date, whichever is later.

- 5.2. A Party may change its address for notice hereunder by giving the other Party notice of such change pursuant to the provisions listed in the SCC for GCC Clause 5.1.

## **6. Scope of Contract**

- 6.1. The Goods and Related Services to be provided shall be as specified in **Error! Reference source not found.**
- 6.2. This Contract shall include all such items, although not specifically mentioned, that can be reasonably inferred as being required for its completion as if such items were expressly mentioned herein. Any additional requirements for the completion of this Contract shall be provided in the SCC.

## **7. Subcontracting**

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

## **8. Procuring Entity's Responsibilities**

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

## **9. Prices**

- 9.1. For the given scope of work in this Contract as awarded, all bid prices are considered fixed prices, and therefore not subject to price escalation during contract implementation, except under extraordinary circumstances and upon



prior approval of the GPPB in accordance with Section 61 of R.A. 9184 and its IRR or except as provided in this Clause.

- 9.2. Prices charged by the Supplier for Goods delivered and/or services performed under this Contract shall not vary from the prices quoted by the Supplier in its bid, with the exception of any change in price resulting from a Change Order issued in accordance with **GCC** Clause 29.

## **10. Payment**

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

## **11. Advance Payment and Terms of Payment**

- 11.1. Advance payment shall be made only after prior approval of the President, and shall not exceed fifteen percent (15%) of the Contract amount, unless otherwise directed by the President or in cases allowed under Annex "D" of RA 9184.
- 11.2. All progress payments shall first be charged against the advance payment until the latter has been fully exhausted.

- 11.3. For Goods supplied from abroad, unless otherwise indicated in the **SCC**, the terms of payment shall be as follows:
- (a) On Contract Signature: Fifteen Percent (15%) of the Contract Price shall be paid within sixty (60) days from signing of the Contract and upon submission of a claim and a bank guarantee for the equivalent amount valid until the Goods are delivered and in the form provided in Section VIII. Bidding Forms.
  - (b) On Delivery: Sixty-five percent (65%) of the Contract Price shall be paid to the Supplier within sixty (60) days after the date of receipt of the Goods and upon submission of the documents (i) through (vi) specified in the **SCC** provision on Delivery and Documents.
  - (c) On Acceptance: The remaining twenty percent (20%) of the Contract Price shall be paid to the Supplier within sixty (60) days after the date of submission of the acceptance and inspection certificate for the respective delivery issued by the Procuring Entity's authorized representative. In the event that no inspection or acceptance certificate is issued by the Procuring Entity's authorized representative within forty five (45) days of the date shown on the delivery receipt, the Supplier shall have the right to claim payment of the remaining twenty percent (20%) subject to the Procuring Entity's own verification of the reason(s) for the failure to issue documents (vii) and (viii) as described in the **SCC** provision on Delivery and Documents.

## **12. Taxes and Duties**

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

## **13. Performance Security**

- 13.1. Within ten (10) calendar days from receipt of the Notice of Award from the Procuring Entity but in no case later than the signing of the contract by both parties, the successful Bidder shall furnish the performance security in any the forms prescribed in the **ITB** Clause 33.2.
- 13.2. The performance security posted in favor of the Procuring Entity shall be forfeited in the event it is established that the winning bidder is in default in any of its obligations under the contract.
- 13.3. The performance security shall remain valid until issuance by the Procuring Entity of the Certificate of Final Acceptance.
- 13.4. The performance security may be released by the Procuring Entity and returned to the Supplier after the issuance of the Certificate of Final Acceptance subject to the following conditions:

- (a) There are no pending claims against the Supplier or the surety company filed by the Procuring Entity;
  - (b) The Supplier has no pending claims for labor and materials filed against it; and
  - (c) Other terms specified in the SCC.
- 13.5. In case of a reduction of the contract value, the Procuring Entity shall allow a proportional reduction in the original performance security, provided that any such reduction is more than ten percent (10%) and that the aggregate of such reductions is not more than fifty percent (50%) of the original performance security.

## **14. Use of Contract Documents and Information**

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

## **15. Standards**

The Goods provided under this Contract shall conform to the standards mentioned in the **Error! Reference source not found.**; and, when no applicable standard is mentioned, to the authoritative standards appropriate to the Goods' country of origin. Such standards shall be the latest issued by the institution concerned.

## **16. Inspection and Tests**

- 16.1. The Procuring Entity or its representative shall have the right to inspect and/or to test the Goods to confirm their conformity to the Contract specifications at no extra cost to the Procuring Entity. The SCC and **Error! Reference source not found.** 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 (5%) percent 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 **SCC** and with all reasonable speed, repair or replace the defective Goods or parts thereof, without cost to the Procuring Entity.

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

## **18. Delays in the Supplier's Performance**

- 18.1. Delivery of the Goods and/or performance of Services shall be made by the Supplier in accordance with the time schedule prescribed by the Procuring Entity in **Error! Reference source not found.**
- 18.2. If at any time during the performance of this Contract, the Supplier or its Subcontractor(s) should encounter conditions impeding timely delivery of the Goods and/or performance of Services, the Supplier shall promptly notify the Procuring Entity in writing of the fact of the delay, its likely duration and its cause(s). As soon as practicable after receipt of the Supplier's notice, and upon causes provided for under **GCC** Clause 22, the Procuring Entity shall evaluate the situation and may extend the Supplier's time for performance, in which case the extension shall be ratified by the parties by amendment of Contract.
- 18.3. Except as provided under **GCC** Clause 22, a delay by the Supplier in the performance of its obligations shall render the Supplier liable to the imposition of liquidated damages pursuant to **GCC** Clause 19, unless an extension of time is agreed upon pursuant to **GCC** Clause 29 without the application of liquidated damages.

## **19. Liquidated Damages**

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

## **20. Settlement of Disputes**

- 20.1. If any dispute or difference of any kind whatsoever shall arise between the Procuring Entity and the Supplier in connection with or arising out of this Contract, the parties shall make every effort to resolve amicably such dispute or difference by mutual consultation.
- 20.2. If after thirty (30) days, the parties have failed to resolve their dispute or difference by such mutual consultation, then either the Procuring Entity or the

Supplier may give notice to the other party of its intention to commence arbitration, as hereinafter provided, as to the matter in dispute, and no arbitration in respect of this matter may be commenced unless such notice is given.

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

## **21. Liability of the Supplier**

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

## **22. Force Majeure**

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

continue to perform its obligations under the Contract as far as is reasonably practical, and shall seek all reasonable alternative means for performance not prevented by the *force majeure*.

## **23. Termination for Default**

- 23.1. The Procuring Entity shall terminate this Contract for default when any of the following conditions attends its implementation:
- (a) Outside of *force majeure*, the Supplier fails to deliver or perform any or all of the Goods within the period(s) specified in the contract, or within any extension thereof granted by the Procuring Entity pursuant to a request made by the Supplier prior to the delay, and such failure amounts to at least ten percent (10%) of the contract price;
  - (b) As a result of *force majeure*, the Supplier is unable to deliver or perform any or all of the Goods, amounting to at least ten percent (10%) of the contract price, for a period of not less than sixty (60) calendar days after receipt of the notice from the Procuring Entity stating that the circumstance of force majeure is deemed to have ceased; or
  - (c) The Supplier fails to perform any other obligation under the Contract.
- 23.2. In the event the Procuring Entity terminates this Contract in whole or in part, for any of the reasons provided under **GCC** Clauses 23 to 26, the Procuring Entity may procure, upon such terms and in such manner as it deems appropriate, Goods or Services similar to those undelivered, and the Supplier shall be liable to the Procuring Entity for any excess costs for such similar Goods or Services. However, the Supplier shall continue performance of this Contract to the extent not terminated.
- 23.3. In case the delay in the delivery of the Goods and/or performance of the Services exceeds a time duration equivalent to ten percent (10%) of the specified contract time plus any time extension duly granted to the Supplier, the Procuring Entity may terminate this Contract, forfeit the Supplier's performance security and award the same to a qualified Supplier.

## **24. Termination for Insolvency**

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

## **25. Termination for Convenience**

- 25.1. The Procuring Entity may terminate this Contract, in whole or in part, at any time for its convenience. The HoPE may terminate a contract for the convenience of the Government if he has determined the existence of

conditions that make Project Implementation economically, financially or technically impractical and/or unnecessary, such as, but not limited to, fortuitous event(s) or changes in law and national government policies.

- 25.2. The Goods that have been delivered and/or performed or are ready for delivery or performance within thirty (30) calendar days after the Supplier's receipt of Notice to Terminate shall be accepted by the Procuring Entity at the contract terms and prices. For Goods not yet performed and/or ready for delivery, the Procuring Entity may elect:
- (a) to have any portion delivered and/or performed and paid at the contract terms and prices; and/or
  - (b) to cancel the remainder and pay to the Supplier an agreed amount for partially completed and/or performed goods and for materials and parts previously procured by the Supplier.
- 25.3. If the Supplier suffers loss in its initial performance of the terminated contract, such as purchase of raw materials for goods specially manufactured for the Procuring Entity which cannot be sold in open market, it shall be allowed to recover partially from this Contract, on a *quantum meruit* basis. Before recovery may be made, the fact of loss must be established under oath by the Supplier to the satisfaction of the Procuring Entity before recovery may be made.

## **26. Termination for Unlawful Acts**

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

## **27. Procedures for Termination of Contracts**

- 27.1. The following provisions shall govern the procedures for termination of this Contract:
- (a) Upon receipt of a written report of acts or causes which may constitute ground(s) for termination as aforementioned, or upon its own initiative, the Implementing Unit shall, within a period of seven (7) calendar



days, verify the existence of such ground(s) and cause the execution of a Verified Report, with all relevant evidence attached;

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

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

## **28. Assignment of Rights**

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

## **29. Contract Amendment**

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

## **30. Application**

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

## *Section V. Special Conditions of Contract*

### **Special Conditions of Contract**

<b>GCC Clause</b>	
1.1(g)	The Procuring Entity is <b><i>Philippine Nuclear Research Institute.</i></b>
1.1(i)	The Supplier is <i>[to be inserted at the time of contract award]</i> .
1.1(j)	The Government of the Philippines (GOP) through DOST-GIA in the total amount of <b><i>Php24,349,536.00.</i></b>
1.1(k)	The Project Site is <b><i>Philippine Nuclear Research Institute Commonwealth Avenue, Diliman, Quezon City</i></b>
5.1	<p>The Procuring Entity's address for Notices is:</p> <p><b><i>Philippine Nuclear Research Institute Commonwealth Avenue, Diliman, Quezon City Deputy Director Soledad S. Castañeda, Ph.D. Chairman, BAC 929-6011 to 19</i></b></p> <p>The Supplier's address for Notices is: <i>[Insert address including, name of contact, fax and telephone number]</i></p>
6.2	<p>The delivery terms applicable to this Contract are delivered to the <b><i>Philippine Nuclear Research Institute at Commonwealth Ave., Diliman, Quezon City.</i></b> Risk and title will pass from the Supplier to the Procuring Entity upon receipt and final acceptance of the Goods at their final destination.”</p> <p>Delivery of the Goods shall be made by the Supplier in accordance with the terms specified in Section VI Schedule of Requirements and Section VII Equipment Requirements and Technical Specifications.</p>
9	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-A.
10.1	No further instructions.
10.4	No further instructions.
13.1	No further instructions.

13.4	No further instructions.
13.4(c)	No further instructions.
16.0	No further instructions.
16.1	All services and goods to be delivered shall be subjected to inspection by the duly authorized inspector of the Philippine Nuclear Research Institute and the End-user.
17.3	<i>Warranty Period:</i> At least Two (2) years for Lot 1 and One (1) year for Lots 2 – 14, on parts, repair and maintenance services. Date of warranty starts upon acceptance by the Procuring Entity/End-user.
17.4 and 17.5	No further instructions.
18.3	The applicable rate is one tenth (1/10) of one (1) percent of the cost of the unperformed portion for every day of delay.  The maximum deduction shall be ten percent (10%) of the amount of contract. Once the cumulative amount of liquidated damages reaches ten percent (10%) of the amount of the contract, the procuring entity shall rescind the contract, without prejudice to other courses of action and remedies open to it.
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.
21.1	No additional provision.

## *Section VI. Schedule of Requirements*

**PROJECT: Procurement of Fourteen (14) Lots Laboratory Equipment Under the Projects: Establishment of Radiation Biology Research Center and Development of Novel Nanomedicine**

Item Number	Description	Quantity	Total	Delivered Weeks/Months
1.	Laboratory Equipment consisting of:  <b>Lot 1:</b> ◦ <i>Automatic Imaging System (Microscope)</i>  <b>Lot 2:</b> ◦ <i>Multimode Microplate Reader</i> ◦ <i>Absorbance Microplate Reader</i> ◦ <i>UV-Visible Spectrophotometer</i>  <b>Lot 3:</b> ◦ <i>Adjustable micropipette (Volume range: 2-20 µL)</i> ◦ <i>Adjustable micropipette (Volume Range 20-200 µL)</i> ◦ <i>Adjustable micropipette (Volume range: 20-200 µL)</i> ◦ <i>Adjustable micropipette (Volume range: 15-300 µL)</i> ◦ <i>Adjustable micropipette (Volume range: 50-1,000 µL)</i> ◦ <i>Adjustable micropipette (Volume range: 0.2-5 mL)</i> ◦ <i>Adjustable micropipette (Volume range: 0.2-5 mL)</i> ◦ <i>Adjustable micropipette (Volume range: 2-20 µL)</i> ◦ <i>Adjustable micropipette (Volume range: 5-100 µL)</i> ◦ <i>Adjustable micropipette (Volume range: 20-200 µL)</i> ◦ <i>Adjustable micropipette (Volume range: 15-300 µL)</i> ◦ <i>Adjustable micropipette (Volume range: 0.2-5 mL)</i> ◦ <i>Chargeable Automatic Pipettor</i>	14 Lots  <i>1 Unit</i>  <i>1 Unit</i> <i>1 Unit</i> <i>1 Unit</i>  <i>2 Units</i> <i>1 Unit</i> <i>1 Unit</i> <i>2 Units</i> <i>2 Units</i> <i>1 Unit</i> <i>1 Unit</i> <i>1 Unit</i> <i>1 Unit</i> <i>2 Units</i> <i>2 Units</i> <i>2 Units</i> <i>2 Units</i>		

	<b>Lot 4:</b>			
	◦ <i>Biological Safety Cabinet – Class II, Type A2</i>	<i>1 Unit</i>		
	◦ <i>Biological Safety Cabinet – Class II, Type A2</i>	<i>1 Unit</i>		
	<b>Lot 5:</b>			
	◦ <i>Fully Automatic Vertical Autoclave</i>	<i>2 Units</i>		
	◦ <i>Flip-Open Door-Type Vertical Autoclave</i>	<i>2 Units</i>		
	<b>Lot 6:</b>			
	◦ <i>Ultrapure Water Purification System w/ Distilling Apparatus</i>	<i>1 Unit</i>		
	<b>Lot 7:</b>			
	◦ <i>Top Loading Balance</i>	<i>3 Units</i>		
	◦ <i>Analytical Balance</i>	<i>1 Unit</i>		
	◦ <i>Horizontal Electrophoresis System</i>	<i>1 Unit</i>		
	◦ <i>Vertical Electrophoresis System</i>	<i>1 Unit</i>		
	◦ <i>Magnetic Stirrer w/ Heating Control</i>	<i>1 Unit</i>		
	◦ <i>Multiparameter digital pH Meter</i>	<i>2 Units</i>		
	◦ <i>Vortex Mixer</i>	<i>1 Unit</i>		
	<b>Lot 8:</b>			
	◦ <i>All-in-One Fluorescent Microscope</i>	<i>1 Unit</i>		
	◦ <i>Inverted Microscope</i>	<i>1 Unit</i>		
	◦ <i>Stage-Top CO2 Incubator for Inverted Microscope</i>	<i>1 Unit</i>		
	<b>Lot 9:</b>			
	◦ <i>Liquid Nitrogen Cryofreezer</i>	<i>1 Unit</i>		
	◦ <i>Liquid Nitrogen Cryofreezer</i>	<i>1 Unit</i>		
	◦ <i>Upright Ultra-Low Freezer</i>	<i>1 Unit</i>		
	<b>Lot 10:</b>			
	◦ <i>Ultracentrifuge</i>	<i>1 Unit</i>		
	◦ <i>Refrigerated High-Speed Centrifuge</i>	<i>1 Unit</i>		
	◦ <i>Refrigerated Microcentrifuge</i>	<i>1 Unit</i>		
	<b>Lot 11:</b>			
	◦ <i>Icemaker</i>	<i>1 Unit</i>		
	◦ <i>Laboratory Chiller</i>	<i>2 Units</i>		
	<b>Lot 12:</b>			
	◦ <i>Rotary Evaporator w/ Complete Vacuum &amp; Cooling Systems</i>	<i>1 Unit</i>		

	<p><b>Lot 13:</b></p> <ul style="list-style-type: none"> <li>◦ <i>CO2 Incubator w/ CO2 Tank and Regulator</i></li> <li>◦ <i>Microbiological Incubator</i></li> <li>◦ <i>Shaker Incubator</i></li> <li>◦ <i>Drying &amp; Heating Oven</i></li> <li>◦ <i>Circulating Water Bath w/ Cover</i></li> </ul> <p><b>Lot 14:</b></p> <ul style="list-style-type: none"> <li>◦ <i>Automated Hematology Analyzer for Animals</i></li> </ul>	<p><i>1 Unit</i></p> <p><i>1 Unit</i></p> <p><i>1 Unit</i></p> <p><i>1 Unit</i></p> <p><i>1 Unit</i></p> <p><i>1 Unit</i></p>		
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**Company's Name:**

\_\_\_\_\_

**Signature over printed name:** \_\_\_\_\_

**Date accomplished:** \_\_\_\_\_

## ***Section VII. Technical Specifications***

**PROJECT: PROCUREMENT OF FOURTEEN (14) LOTS LABORATORY EQUIPMENT UNDER THE PROJECTS: ESTABLISHMENT OF RADIATION BIOLOGY RESEARCH CENTER AND DEVELOPMENT OF NOVEL NANOMEDICINE**

Technical Requirements	Suppliers Specifications:
<p><b>Fourteen (14) Lots Laboratory Equipment consisting of the following:</b></p> <p><i><b>Technical Specifications:</b></i></p> <p><b>Lot 1:</b></p> <ul style="list-style-type: none"> <li>• <i><b>One (1) Unit Automatic Imaging System (Microscope)</b></i> <ol style="list-style-type: none"> <li>1. <i><b>Automatic Imaging System</b></i> <ul style="list-style-type: none"> <li>- Simple Installation</li> <li>- Motorized encoded X/Y scanning stage</li> <li>- 5 objective turret positions</li> <li>- 1.25-100x objective range</li> <li>- 4 fluorescence channels</li> <li>- Monochrome and color camera options</li> <li>- Epifluorescence</li> <li>- Transmitted light</li> <li>- Fits in hood or on benchtop</li> <li>- USB ports</li> <li>- Z-stack capability</li> <li>- Multichannel time-lapse imaging</li> <li>- Analysis software</li> <li>- Intuitive onboard software</li> <li>- Networking capability</li> <li>- High-resolution image mapping</li> <li>- Automated multiwell plate screening</li> <li>- Electrical requirement of 220 V</li> </ul> </li> <li>2. <i><b>Power Cord – EU</b></i></li> <li>3. <i><b>Celleste Image Analysis Software</b></i> (2 years warranty)</li> <li>4. <i><b>10X Objective, fluorite, LWD, 0.30NA/8.3WD</b></i></li> <li>5. <i><b>20X Objective, fluorite, LWD, 0.45NA/7.1WD</b></i></li> <li>6. <i><b>40X Objective, fluorite, LWD, 0.65NA/2.8WD</b></i></li> <li>7. <i><b>Light Cube, DAPI</b></i></li> <li>8. <i><b>Light Cube, GFP</b></i></li> <li>9. <i><b>Light Cube, RFP</b></i></li> </ol> </li> </ul>	



10. 3 units of Vessel Holder, Universal
11. Onstage Incubator
- Compatible with well plates, 35 mm dishes, and T25 flasks
  - Temperature range of ambient-40°C
  - CO2 range of 0-20%
  - O2 range of 0%-ambient
  - >80% relative humidity at 37°C
12. 3 units of Onstage Vessel Holder, Multiwell Plates
13. 1 unit of desktop PC, 1TB hard drive, high-memory, complete with Microsoft Office license.
14. 1 unit laptop computer, with Microsoft Office License
15. 1 unit of CO<sub>2</sub> gas tank with regulator
16. Includes all other accessories, training, installation, and at least 2 years warranty on all parts, repair and maintenance services

**Lot 2:**

- **One (1) Unit Multimode Microplate Reader**
  - Absorbance, fluorescence intensity, luminescence and time-resolved fluorescence measurement technology
  - End-point, kinetic, spectra, multipoint and kinetic spectra measurement types
  - 6-1536 well plates (absorbance: 6-384 well plates)
  - Xenon flash lamp as light source
  - Absorbance wavelength selection through double monochromators
  - Absorbance wavelength range of 200-1,000 nm
  - Linearity of 0-4 Abs (96-well plate) at 450 nm ( $\pm 2\%$ ) and 0-3 Abs (384-well plate) at 450 nm ( $\pm 2\%$ )
  - Read-out range of 0-6 Abs
  - Accuracy of 0.003 Abs or  $\pm 2\%$  at 200-399 nm (0-2 Abs) and 0.003 Abs or  $\pm 1\%$  at 400-1000 nm (0-3 Abs)
  - Precision of SD < 0.001 Abs or CV < 0.5% at 450 nm (0-3 Abs)
  - With one dispenser
  - 2-5,000  $\mu\text{L}$  (1 mL syringe) and 5-25,000  $\mu\text{L}$  (5 mL syringe) dispense volume

- Incubator temperature of up to 45°C
- Orbital shaking
- Reads a 96-well plate in 15 sec., a 384-well plate in 45 sec., and a 1536-well plate in 135 sec. (minimum times)
- Electrical requirement of 220 V
- Complete with:
  - a. Absorbance validation test plate
  - b. Cuvette absorbance validation kit
  - c. Quartz UV-transparent microplate
  - d. Cable, RS-232, 8-pin DIN to 8-pin DIN (instrument to pre-G3 Macintosh)
  - e. Cable, RS-232, 9-pin DIN to 8-pin IN (instrument to PC serial port)
  - f. Power cord
  - g. Power cord, EC1
  - h. Power cord, EC2
  - i. Power cord, AP1
  - j. Fuse, 4-amp (5 x 20 mm) time delay
  - k. Adapter USB-serial high-speed (KeySpan adapter; instrument to USB-only instrument)
  - l. Test tube cover
  - m. 2 units Desktop personal computer, with complete Microsoft office license
  - n. Analysis software for multiple installation
  - o. All other accessories
- Includes training, installation, and at least 1 year warranty on all parts, repair and maintenance services

• ***One (1) Unit Absorbance Microplate Reader***

- Wavelength range of 340-850 nm
- Wavelength selection via monochromator, tunable in 1 nm increments
- Wavelength accuracy of  $\leq \pm 0.003$  od  $\pm 1.0\%$ , 0-2.0 od
- Photometric range of 0.000 to 4.000 od
- Temperature range of ambient +4°C to 45°C
- Temperature uniformity of  $\pm 0.5^\circ\text{C}$  @ 37 °C well-to-well (microplate)
- Wavelength bandwidth of 2 nm
- Photometric accuracy of  $\leq \pm 0.006$  od  $\pm 1.0\%$ , 0-2.0 od (340-850 nm)

- Read time of 12 sec.
- Photometric linearity of 0-3.000 od (405 nm)
- Kinetic read time of 9 sec. minimum interval
- Electrical requirement of 220 V
- Complete with:
  - a.  $\mu$ Drop plate
  - b. Robotic tray including adapter for plate without lid
  - c. 96/384/6-48/1536-well adapter for plate with/without lid
  - d. 96-well adapter for PCR plate without lid
  - e. Adapter holder
  - f. Filter pick-up tool
  - g. Aspirate tube assembly for dispenser
  - h. Dispensing tube assembly
  - i. Dispenser syringe 1/5 ml
  - j. Demo instrument box
  - k. Spectrophotometric/lumiwell verification plate
  - l. Software for microplate readers, research/drug discovery edition
  - m. units laptop computer, with Licensed Microsoft Office
  - n. All other accessories
- Includes all other accessories, installation, and warranty (at least 1 yr.)

• ***One (1) Unit UV-Visible Spectrophotometer***

- Optical Design: Modified Ebert Double beam with sample and reference cuvette/accessory positions
- Spectral Bandwidths: Selectable 0.5, 1.0, 1.5, 2.0, 4.0 nm
- Light Source: Xenon flash lamp (Warranty period: 3-year source replacement warranty)
- Detector: dual-matched silicon photodiodes
- Grating: Holographic, 1200 lines/mm, blazed at 240 nm
- Beam Separation: 210 mm
- Scan Ordinate Modes: Absorbance, % Transmittance, % Reflectance, Kubelka-Munk, Log(1/R), Log(Abs), ABS  $\times$  Factor, Intensity, 1st–4th Derivative

- Wavelength:
  - a. Range: 190–1100 nm
  - b. Accuracy:  $\pm 0.20$  nm (546.07 nm Hg emission line),  $\pm 0.30$  nm, 190–900 nm
  - c. Repeatability: Standard deviation of 10 measurements
  - d. Scanning Speeds: Variable, up to 6000 nm/min
  - e. Data Interval: 10, 5, 2, 1, 0.5, 0.2, 0.1, 0.05 nm
- Photometric:
  - a. Range:  $>4$  A
  - b. Display:  $\pm 6$  A
  - c. Accuracy – Instrument: 1A:  $\pm 0.004$  A 2A:  $\pm 0.004$  A 3A:  $\pm 0.006$  A
  - d. Noise: 0A:  $< 0.00018$  A, 1A:  $< 0.00022$  A, 2A:  $< 0.00050$  A, 500 nm, 2.0 nm SBW, RMS
  - e. Repeatability: 1A:  $\pm 0.0025$  A
  - f. Drift
- Stray Light
  - a. 198 nm: 2.4 A KCl
  - b. 220 nm: 3.5 A NaI
  - c. 340 nm: 4.0 A NaNO<sub>2</sub>
- Baseline Flatness:  $\pm 0.0015$  A (200–800 nm) 2.0 nm SBW, smoothed
- Electrical Supply: 220 V, 60 Hz
- Complete with:
  - a. Smart Thermostatted Rotary 7-Cell Changer
  - b. 8-Cell Peltier System
  - c. Smart Sipper Accessory
  - d. Smart Thermostatted Linear 8-Cell Changer
  - e. Temperature Probe Hub and Temperature Probes
  - f. Thermostatted Single Cuvette Holder
  - g. RX2000 Rapid Mix Accessory
  - h. Single Cell Peltier System
  - i. Smart Calibrated Validation Carousel (CVC)
  - j. Variable Angle 30°– 80° Specular Reflectance Accessory
  - k. 15°, 20°, 30°, 45°, and 60° Specular Reflectance Accessories
  - l. 8° Specular Reflectance Accessory
  - m. Praying Mantis Accessory

- n. Test Tube and Vial Holder
- o. Long Pathlength Rectangular Cell Holder
- p. 1 Inch Square Vial Holder
- q. Combination Cuvette and Test Tube Holder
- r. Solid Sample Slide Holder
- s. Adjustable Microcell Holder
- t. ASX-280 Autosampler
- u. Desktop personal computer (1 unit), with complete Microsoft office license
- v. 1 unit laptop computer, with licensed Microsoft Office software
- w. Analysis software
- x. All other accessories
- Includes training, installation, and at least 1 year warranty on all parts, repair and maintenance services

**Lot 3:**

- ***Two (2) Units Adjustable micropipette***
  - Volume range: 2-20  $\mu$ L
  - Autoclavable
  - With pipette tips and all other accessories
  - Includes all other accessories, training, installation, and at least 1 year warranty on all parts, repair and maintenance services
- ***One (1) Unit Adjustable micropipette***
  - Volume range: 20-200  $\mu$ L
  - Autoclavable
  - Multichannel
  - With pipette tips and all other accessories
  - Includes all other accessories, training, installation, and at least 1 year warranty on all parts, repair and maintenance services
- ***One (1) Unit Adjustable micropipette***
  - Volume range: 20-200  $\mu$ L
  - Autoclavable
  - With pipette tips and all other accessories
  - Includes all other accessories, training, installation, and at least 1 year warranty on all parts, repair and maintenance services

- ***Two (2) Units Adjustable micropipette***
  - Volume range: 15-300 µL
  - Autoclavable
  - With pipette tips and all other accessories
  - Includes all other accessories, training, installation, and at least 1 year warranty on all parts, repair and maintenance services
- ***Two (2) Units Adjustable micropipette***
  - Volume range: 50-1,000 µL
  - Autoclavable
  - With pipette tips and all other accessories
  - Includes all other accessories, training, installation, and at least 1 year warranty on all parts, repair and maintenance services
- ***One (1) Unit Adjustable micropipette***
  - Volume range: 0.2-5 mL
  - Autoclavable
  - Multichannel
  - With pipette tips and all other accessories
  - Includes calibration certificate
  - Includes all other accessories, training, installation, and at least 1 year warranty on parts, repair and maintenance services
- ***One (1) Unit Adjustable micropipette***
  - Volume range: 0.2-5 mL
  - Autoclavable
  - With pipette tips and all other accessories
  - Includes all other accessories, training, installation, and at least 1 year warranty on all parts, repair and maintenance services
- ***One (1) Unit Adjustable micropipette***
  - Volume range: 2-20 µL
  - With pipette tips and all other accessories
  - Includes all other accessories, training, installation, and at least 1 year warranty on all parts, repair and maintenance services

- ***One (1) Unit Adjustable micropipette***
  - Volume range: 5-100  $\mu\text{L}$
  - With pipette tips and all other accessories
  - Includes all other accessories, training, installation, and at least 1 year warranty on all parts, repair and maintenance services
- ***Two (2) Units Adjustable micropipette***
  - Volume range: 20-200  $\mu\text{L}$
  - With pipette tips and all other accessories
  - Includes all other accessories, training, installation, and at least 1 year warranty on all parts, repair and maintenance services
- ***Two (2) Units Adjustable micropipette***
  - Volume range: 15-300  $\mu\text{L}$
  - With pipette tips and all other accessories
  - Includes all other accessories, training, installation, and at least 1 year warranty on all parts, repair and maintenance services
- ***Two (2) Units Adjustable micropipette***
  - Volume range: 0.2-5  $\mu\text{L}$
  - With pipette tips and all other accessories
  - Includes all other accessories, training, installation, and at least 1 year warranty on all parts, repair and maintenance services
- ***Two (2) Units Chargeable Automatic Pipettor***
  - For glass and plastic pipettes from 0.1 to 100 mL
  - Pipetting speed of 50 mL in less than 10 sec.
  - Operating and charging temperature of +10°C to +35°C
  - With mode selector (gravity delivery/ blow-out), battery compartment cover, pipetting buttons, charge indicator (LED), and direct discharge of liquid vapors
  - Ergonomic formed design
  - Single-hand operation

- With adapter for a secure attachment of the pipettes (from 0.1 to 200 mL), battery charger (220 V, 60 Hz), four plug adapters (EU, UK, US/J, AUS), battery, battery compartment cover, two replacement 0.2 µm membrane filters, instruction manual, and all other accessories
- Electrical requirement of 220 V
- Includes all other accessories, training, installation, and at least 1 year warranty on all parts, repair and maintenance services

**Lot 4:**

• ***One (1) Unit Biological Safety Cabinet - Class II, Type A2***

- External dimension (W x D x H) of 1,950 x 810 x 1,400 mm
  - Gross internal dimension (W x D x H) of 1,830 x 580 x 670 mm
  - Airflow velocity of 0.45 m/s (inflow) and 0.30 m/s (downflow)
  - Filter efficiency of >99.999% at 0.1 to 0.3 micron, ULPA as per IEST-RP-CC001.3 USA
  - Sound emission per IEST-RP-CC002.2 of 62 dBA (NSF) and 59 dBA (EN)
  - Fluorescent lamp intensity of 1,044 Lux (97 ft.-candles)
  - Main body with 1.2 mm / 18 gauge EG steel with oven-baked epoxy-polyester powder-coating
  - Work zone with 1.5 mm / 16 gauge, SS304, with stainless steel side wall
  - Electrical requirement of 220 V
  - Complete with:
    - a. UV lamp
    - i. American style service fixture with 22 mm thread length, universal
    - c. 28" support stand with caster wheels
    - d. 2 units of stainless steel chairs
    - e. 4 sets of glass bead sterilizer
- Specifications:
- 6.75" x 5.25" x 5.25" (H x W x D)
  - With stainless steel well (2.0" diameter x 4.0" deep)



- Electrical requirements of 110 VAC, 60 Hz, 0.85 A, 110 W
- Operating temperature of 500°F ±15°
- With 1.5 mm lead free glass balls
- f. All other accessories
- g. Includes all other accessories, training, installation, and at least 1 year warranty on all parts, repair and maintenance services

• ***One (1) Unit Biological Safety Cabinet - Class II, Type A2***

- External dimension (W x D x H) of 1,340 x 810 x 1,400 mm
  - Gross internal dimension (W x D x H) of 1,220 x 580 x 670 mm
  - Airflow velocity of 0.45 m/s (inflow) and 0.30 m/s (downflow)
  - Filter efficiency of >99.999% at 0.1 to 0.3 micron, ULPA as per IEST-RP-CC001.3 USA
  - Sound emission per IEST-RP-CC002.2 of 60 dBA (NSF) and 57 dBA (EN)
  - Fluorescent lamp intensity of 1,118 Lux (104 ft.-candles)
  - Main body with 1.2 mm / 18 gauge EG steel with oven-baked epoxy-polyester powder-coating
  - Work zone with 1.5 mm / 16 gauge, SS304, with stainless steel side wall
  - Electrical requirement of 220 V
  - Complete with:
    - a. UV lamp
    - b. American style service fixture with 22 mm thread length, universal
    - c. 28" support stand with caster wheels
    - d. 2 units of stainless steel chairs
    - e. 2 sets of glass bead sterilizer
- Specifications:
- 6.75" x 5.25" x 5.25" (H x W x D)
  - With stainless steel well (2.0" diameter x 4.0" deep)
  - Electrical requirements of 110 VAC, 60 Hz, 0.85 A, 110 W
  - Operating temperature of 500°F ±15°

- With 1.5 mm lead free glass balls
- f. All other accessories
- g. Includes all other accessories, training installation, and at least 1 year warranty on all parts, repair and maintenance services

**Lot 5:**

• ***Two (2) Units Fully Automatic Vertical Autoclave***

- For dry and wet sterilization
- Capacity: at least 110 L
- Sterilization temperature: 105-138°C
- Sterilization time: 1-300 minutes
- Warming temperature : 45-60°C
- Warming time: 1-9,999 minutes
- Melting temperature: 60-100°C
- Melting time: 1-300 minutes
- Steam exhausting temperature: 73-104°C
- Humidity range: 10%-85% RH
- Working pressure: 0-0.6 MPa
- Maximum working pressure: 0.27 MPa
- Timer range: 0 minute-6 days
- Power: 4600 W
- Power supply: 220 V, 60 Hz
- Includes 1 extra stainless steel basket and all other accessories
- Includes all other accessories, training installation, and at least 1 year warranty on all parts, repair and maintenance

• ***Two (2) Units Flip-Open Door-Type Vertical Autoclave***

- Capacity: 100 L
- Chamber material: polished SUS304 medical stainless steel
- Max. pressure: 0.3 MPa
- Rated working pressure: 0.22 MPa
- Max. temperature: 150 °C
- Working temperature range: 105-134°C
- Temperature accuracy: +/- 0.1°C
- Timing range: 0-999 min
- Dynamic pulse exhaust time: 0-9 times
- Water requirement: distilled water or demineralized water

- Power consumption: 4.5 kW
- Power supply: 220 V, 50/60 Hz
- Includes stainless steel baskets (2 pcs.) and all other accessories
- Includes all other accessories, training installation, and at least 1 year warranty on all parts, repair and maintenance

**Lot 6:**

- ***One (1) Unit Ultrapure Water Purification System w/ Distilling Apparatus***

- Produce Type 1 and Type 3 grade water directly from potable tap water
- Electrical requirement of 220 V
- Produces Ultrapure Water:
  - a. Resistivity at 25 degree Celsius = 18.2MΩ•cm
  - b. TOC = <5ppb
  - c. Particulates (size > 0.22um) = < 1pariculate/mL
  - d. Bacteria = < 0.01 CFU/mL
  - e. Pyrogens/endotoxins = < 0.001 EU/mL
  - f. RNases = < 1pg/mL
  - g. DNases = < 5 pg/mL
  - h. Flow Rate = up to 2 L/min
- Includes:
  - a. Purification pack
  - b. 0.22 µm non-sterile filter
  - c. 30 L capacity reservoir (tank)
  - d. Tank vent filter
  - e. Local pre-filter (4 stages)
  - f. Tank connection kit
  - g. Training and installation services
  - h. 3 extra filter cartridges
  - i. Includes all other accessories, training installation, and at least 1 year warranty on all parts, repair and maintenance

- ***One (1) Unit Water Purification System w/ Distilling Apparatus***

- Produce Type 1 and Type 3 grade water directly from potable tap water
- Electrical requirement of 220 V

- Produces Ultrapure Water:
  - a. Resistivity at 25 degree Celsius =  $18.2\text{M}\Omega\cdot\text{cm}$
  - b. TOC = <5ppb
  - c. Particulates (size > 0.22 $\mu\text{m}$ ) = < 1pariculate/mL
  - d. Bacteria = < 0.01 CFU/mL
  - e. Pyrogens/endotoxins = < 0.001 EU/mL
  - f. RNases = < 1pg/mL
  - g. DNases = < 5 pg/mL
  - h. Flow Rate = up to 2 L/min
- Includes:
  - a. Purification pack
  - b. 0.22  $\mu\text{m}$  non-sterile filter
  - c. 30 L capacity reservoir (tank)
  - d. Tank vent filter
  - e. Local pre-filter (4 stages)
  - f. Tank connection kit
  - g. Training and installation services
  - h. 1 extra filter cartridge
  - i. Includes all other accessories, training, installation, and at least 1 year warranty on all parts, repair and maintenance services (including consumables)

**Lot 7:**

- ***Two (2) Units Top Loading Balance***
  - Weighing capacity of 6,200 g
  - Readability of 10 mg
  - Repeatability of 10 mg
  - Linearity of 30 mg
  - Typical stabilization time of 1.5 sec.
  - Internal calibration and adjustment
  - Electrical requirement of 220 V
  - Includes all other accessories, training, installation, and at least 1 year warranty on all parts, repair and maintenance services
- ***One (1) Unit Top Loading Balance***
  - Weighing capacity of 6,200 g
  - Readability of 10 mg
  - Repeatability of 10 mg
  - Linearity of 30 mg

- Typical stabilization time of 1.5 sec.
- Internal calibration and adjustment
- Electrical requirement of 220 V
- Includes all other accessories, training, installation, and at least 1 year warranty on all parts, repair and maintenance services

• ***One (1) Unit Analytical Balance***

- Weighing capacity of 220 g
- Repeatability of 0.1 mg
- Linearity of 0.2 mg
- Typical stabilization time of 1.5 sec.
- With internal automatic adjustment and manual leveling
- Electrical requirement of 220 V
- Includes all other accessories, training, installation, and at least 1 year warranty on all parts, repair and maintenance services

• ***One (1) Unit Horizontal Electrophoresis System***

- For AGE
- Gel tray sizes (OD) (W x L) of 15 x 10 cm, 15 x 15 cm, 15 x 20 cm, and 15 x 25 cm
- Sample throughput of 1 - 120
- Base buffer volume of ~1 L
- Bromophenol blue migration of ~3.0 cm/hr (at 75 V)
- With basic power supply, 15- and 20-well combs, gel caster, gel trays, and all other accessories
- Compatible with Western blotting apparatus
- Electrical requirement of 220 V
- Includes all other accessories, training, installation, and at least 1 year warranty on all parts, repair and maintenance services

• ***One (1) Unit Vertical Electrophoresis System***

- For SDS-PAGE
- Accommodates 1 - 2 precast or handcast gels
- Gel size (W x L) of 13.3 x 8.7 cm
- Gel thickness of 1.0 mm
- Total buffer volume of 1 L

- Typical running conditions of 200 V (constant)
- With basic power supply, gel trays, tank, lid with power cables, 3 sample loading guides (12+2-well, 18-well, and 26-well), and all other accessories
- Compatible with Western blotting Apparatus
- Electrical requirement of 220 V
- Includes all other accessories, training, installation, and at least 1 year warranty on all parts, repair and maintenance services

• ***One (1) Unit Magnetic Stirrer w/ Heating Control***

- With LED heat control and ceramic set-up plate material
- With speed control scale of 0 - 6, 1 stirring position, and left direction of rotation
- Max. stirring quantity of 15 L H<sub>2</sub>O per stirring position
- Motor rating output of 1.5 W
- Speed range of 100 - 1,500 rpm
- Max. stirring bar length of 80 mm
- Heat output of 1500 W
- Heating temperature range of 50 - 500°C
- Heating rate heating plate of 5 K/min
- Fixed safety circuit of 550 °C
- Permissible ambient temperature of 5 - 40°C
- Permissible relative humidity of 80%
- Voltage of 220 V
- Frequency of 60 Hz
- Power input of 1520 W
- With ETS-D5 connection for ext. temperature sensor and IP 21 protection class according to DIN EN 60529
- Includes all other accessories, training, installation, and at least 1 year warranty on all parts, repair and maintenance services

• ***Two (2) Units Multiparameter digital pH Meter***

- With separate electrodes for pH, conductivity, and dissolved oxygen
- pH resolution selectable from 0.01 and 0.001 pH, pH range of -2.000 to 16.000

pH, and pH accuracy of  $\pm 0.002$  pH  
(for 0.001 pH resolution) and  $\pm 0.01$   
(for 0.01 pH resolution)

- Five point pH calibration with a choice of seven pre-programmed buffers plus two selectable custom buffers
- Automatic temperature compensation for pH from -5.0 to 100.0°C
- With pH electrode diagnostics for probe condition, response time, and out of calibration range
- Temperature range of -20.0 to 120.0°C, resolution of 0.1°C, and accuracy of  $\pm 0.5^\circ\text{C}$
- With 1 USB port for storage and 1 micro USB port for charging and PC Connectivity
- Working environment of 0 to 50°C and max. non-condensing RH of 95%
- Electrical requirement of 220 V
- With benchtop docking station with electrode holder, wall-mount cradle, USB cable, 5 VDC power adapter, quality certificates, instruction manual, and all other accessories
- Includes all other accessories, training, installation, and at least 1 year warranty on all parts, repair and maintenance services

• ***One (1) Unit Vortex Mixer***

- Orbital shaking movement
- Allows the use of 1 microtiter plate
- With continuous operation mode and touch function
- Orbital diameter of 4 mm
- Motor rating input of 58 W
- Motor rating output of 10 W
- 100% permissible ON time
- Minimum adjustable speed of 500 rpm
- Speed range of 0 - 2,500 rpm
- Permissible ambient temperature of 5 - 40°C
- Permissible relative humidity of 80%
- Voltage of 220 V
- Frequency of 60 Hz
- Power input of 60 W

- With IP 21 protection class according to DIN EN 60529
- Includes all other accessories, training, installation, and at least 1 year warranty on all parts, repair and maintenance services

**Lot 8:**

- ***One (1) Unit All-In-One Fluorescent Microscope***
  - Trinocular 50 W Fluorescent Microscope
    - b. Optical system: Color Corrected Infinity Optical System (CCIS)
    - c. Observation tube: trinocular head, Siedentopf type
    - c. Interpupillary distance: 48 - 75 mm
    - d. Trinocular light split: 100:0/20:80 (optional 100:0/0:100)
    - e. Inclination: 30° inclined, 360° rotating
    - f. Eyepieces: N-WF10X/22 mm with diopter adjustment, +/- 5 diopter
    - g. Nosepiece: reversed sextuple revolving nosepiece
    - h. Objective classification: Infinity Corrected CCIS EC-H Plan Achromat, DIN
      - Plan UC Fluar Objective 4x
      - Plan UC Fluar Objective 10x
      - Plan Apochromat 40x/0.95
      - Plan Apochromat 100x/1.3 oil
      - CCIS EC PL Ph 10x/0.25
      - CCIS EC PL Ph 40x/0.65/s
      - Phase Centering Telescope
      - Phase Contrast 5 Position (BF, DF, Ph1, Ph2, Ph3) Turret Condenser
    - i. Objective mounting thread: W 4/5" x 1/36" (RMS standard)
    - j. Stage: rackless low position coaxial mechanical stage with sample holder, hard anodized coating
    - k. Stage size: 180 x 170 mm
    - l. Mechanical stage X&Y range: 80 x 55 mm
    - m. Upper limit stop: upper limit stop preset but adjustable



- n. Condenser: Phase Contrast 5 Position (BF, DF, Ph1, Ph2, Ph3) Turret Condenser
- o. Focus mechanism: coaxial coarse and fine focusing system with tension adjustment
- p. Fine focus precision: 1  $\mu\text{m}$  minimum increment
- q. Z-axis movement: 27 mm
- r. Filter holder: on top of the illuminator with fixing cap
- s. Illumination: externally mounted lamphouse, 12 V/50 W Quartz Halogen Koehler illumination with intensity control
- t. Light features: Auto-OFF and Light Memory function
- u. Transformer: internal
- v. Power supply: 220 V
- Professional CCD Microscopy Camera
  - Specifications:
  - a. ICx282 AQ 1 1/1.8" Color Peltier Cooled
  - b. Sensor size: 2/3"
  - c. Pixel size: 3.40 x 3.40
  - d. Resolution: 2,580 x 1,944
  - e. Color with Peltier Cooling
  - f. TTL Port
  - g. Software Package CD
  - h. USB2 Driver
  - i. Camera adapter 0.65 adapter for 2/3" chip sensor
  - j. Desktop - 1 Tb hard drive (for digital camera)
- Complete Epi-Fluorescence Attachment with Filter Cassette
  - Includes:
  - a. Lamphouse HBO 100W, collector lens, and mercury lamp socket
  - b. New starter unit HBO 100W
  - c. Mercury lamp 100W
  - d. Lamp centering tool
  - e. Power cord

- Standard Fluorescence Filter set  
Includes:
  - a. DAPI and Hoechst set  
Specifications:
    - Exciter: D350/50X
    - Dichroic: 400 DCLP
    - Emitter: D460/50m
  - b. FITC/RSGFP/Fluo 3/DiO Acradine Orange (+RNA) set  
Specifications:
    - Exciter: D480/30X
    - Dichroic: 505 DCLP
    - Emitter: D535/40m
  - c. Texas Red/mCherry/AlexaFluor 594 set  
Specifications:
    - AT560/40x (EX)
    - AT600/DC (BS)
    - AT635/60m (EM)
- Blue filter, immersion oil (5 mL), arm rest, power cord, dust cover, allen key, spare fuse, analysis software, 1 unit of desktop PC with Microsoft Office license, and all other accessories
- Includes all other accessories, training, installation, and at least 1 year warranty on all parts, repair and maintenance services
- ***One (1) Unit Inverted Microscope***
  - Observation method: fluorescence (blue/green & ultraviolet excitations), differential interference contrast, phase contrast, relief contrast, simple polarized light, and brightfield
  - Illuminator: transmitted Koehler illuminator (LED lamp and 100 W halogen lamp) and fluorescence illuminator (100 W Hg lamp, 75 W xenon lamp, and light guide illumination)
  - Revolving nosepiece: 6position
  - Stage: mechanical plain stage, IX3-SVR mechanical stage with right handle (X: 114 mm, Y: 75 mm), and IX2-GS gliding stage

- Condenser: mid long working distance condenser (na 0.5/ w.d. 45 mm) and ultra long working distance condenser (na 0.3/ w.d. 73.3 mm)
- Observation tubes: widefield (FN 22) binocular and widefield (FN 22) tilting binocular
- With HD video and CCD camera, complete objectives, software analysis tool for image processing, and 1 desktop computer with Microsoft Office license
- Electrical requirement of 220 V
- Includes all other accessories, training, installation, and at least 1 year warranty on all parts, repair and maintenance services

• ***One (1) Unit Stage-Top CO2 Incubator for Inverted Microscope***

- Permits use of 35/60 mm Petri, 1x3 in./ 1x2 in. chambered slides, and 6-12-24-48-96 MW plates through magnetic inserts
- Optional stage top chamber lids available for Kohler illumination, laser safety, and injection during imaging
- Removable stage top chamber riser with 12 channels for 2.5mm O.D. tubings
- CO2 digital controller with range of at least 0-10%, accuracy of  $\pm 0.1\%$ , and touch screen interface
- Electrical requirement of 220 V
- Includes all other accessories, training, installation, and at least 1 year warranty on all parts, repair and maintenance services

**Lot 9:**

• ***One (1) Unit Liquid Nitrogen Cryofreezer***

- For long-term storage of cell lines
- At least 90 L of LN2 capacity
- Storage capacity of at least 6,318 1.2-2.0 mL vials
- Electrical requirement of 220 V

- Includes 22 psi low pressure supply tank, 0.5 in. 45° flare stainless steel flexible transfer hose, sample holder, at least 2 additional cell racks, and all other accessories
- Includes all other accessories, training, installation, and at least 1 year warranty on all parts, repair and maintenance services
- ***One (1) Unit Liquid Nitrogen Cryofreezer***
  - For long-term storage of cell lines
  - At least 90 L of LN2 capacity
  - Storage capacity of at least 6,318 1.2-2.0 mL vials
  - Electrical requirement of 220 V
  - Includes 22 psi low pressure supply tank, 0.5 in. 45° flare stainless steel flexible transfer hose, sample holder, and all other accessories
  - Includes all other accessories, training, installation, and at least 1 year warranty on all parts, repair and maintenance services
- ***One (1) Unit Upright Ultra-Low Freezer***
  - Electric
  - Temperature range of -86°C to -50°C
  - Capacity of at least 368 L / 240 2" boxes / 24,000 2 mL vials
  - Max. shelf weight of at least 57 kg
  - Energy of at least 17 kW/day
  - Electrical requirement of 220 V
  - With high-duty voltage regulator and all other accessories
  - Includes all other accessories, training, installation, and at least 1 year warranty on all parts, repair and maintenance services

**Lot 10:**

- ***One (1) Unit Ultracentrifuge***
  - 150,000 max RPM
  - With swing bucket rotor and adapter for 1-2mL, 15mL and 50mL microcentrifuge tubes
  - Electrical requirement of 220 V

- Includes all other accessories, training, installation, and at least 1 year warranty on all parts, repair and maintenance services
- ***One (1) Unit Refrigerated High-Speed Centrifuge***
  - Temperature of up to 40°C
  - Max. capacity of at least 40 15 mL tubes / 16 50 mL tubes
  - Max. rpm of at least 14,000 rpm
  - Electrical requirement of 220 V
  - With swing bucket rotor, adapter for 15/50 mL PCR tubes, and all other accessories
  - Includes all other accessories, training, installation, and at least 1 year warranty on all parts, repair and maintenance services
- ***One (1) Unit Refrigerated Microcentrifuge***
  - Temperature of up to 40°C
  - Max. capacity of at least 18 1.5/2 mL tubes
  - Max. rpm of at least 17,500 rpm
  - Electrical requirement of 220 V
  - With temperature & speed control, swing bucket rotor, adapter for 1.5/2 mL PCR tubes, and all other accessories
  - Includes all other accessories, training, installation, and at least 1 year warranty on all parts, repair and maintenance services

**Lot 11:**

- ***One (1) Unit Ice maker***
  - For flaked ice production
  - Air-cooled
  - 425 lb. production/24 hours
  - 75 lb. storage capacity
  - For undercounter or freestanding Applications
  - Electrical requirement of 220 V
  - Includes all other accessories, installation, and warranty (at least 1 yr.)

- ***Two (2) Units Laboratory Chiller***
  - Temperature range: +1°C to +8°C, factory preset to +4°C (auto defrost)
  - Capacity of at least 1,447 L
  - Upright cabinet
  - Double glass doors
  - At least 8 adjustable shelves
  - Electrical requirement of 220 V
  - Includes all other accessories, training, installation, and at least 1 year warranty on all parts, repair and maintenance services

#### **Lot 12**

- ***One (1) Unit Rotary Evaporator w/ Complete Vacuum & Cooling Systems***
  - Vertical type of cooling
  - With DC motor principle, motor lift, and reversible direction of rotation
  - With timer and RS 232 interface
  - Cooling surface of 1,500 cm<sup>2</sup>
  - Speed range of 20 - 280 rpm
  - Stroke of 140 mm
  - Heating temperature range of room temp. – 180°C
  - Heat output of 1,300 W
  - Heat control accuracy of  $\pm 1$  K
  - Max. bath volume of 3 L
  - Permissible ambient temperature of 5 - 40°C
  - Permissible relative humidity of 80%
  - Voltage of 220 V
  - Frequency of 60 Hz
  - Power input of 1,400 W
  - With IP 20 protection class according to DIN EN 60529
  - Includes all other accessories, training, installation, and at least 1 year warranty on all parts, repair and maintenance services

**Lot 13:**

• ***One (1) Unit CO2 Incubator w/ CO2 Tank and Regulator***

- Capacity of 160 L
- Air jacket heating
- Temperature range of RT +5 ~ 60°C
- PID control type
- Temperature fluctuation of  $\leq \pm 0.3^{\circ}\text{C}$
- Temperature uniformity of  $\leq \pm 1^{\circ}\text{C}$
- Time setting of 999 hr. or continuous
- With audible and visual alarm, over-temperature alarm, and CO2 concentration alarm
- With double door and 2 pcs. of adjustable shelves
- With cold-rolled steel with painting as external material, stainless steel as internal material, polystyrene film as insulation material, and footmaster caster
- Infrared sensor as CO2 control with range of 0-20% and CO2 concentration control error of 5%  $\pm$  0.5%
- Water tank for natural evaporation as humidification type
- UV lamp as sterilization type
- Consumption of 375 W
- Power supply of AC 220 V, Frequency of 60 Hz
- Includes all other accessories, training, installation, and at least 1 year warranty on all parts, repair and maintenance services

• ***One (1) Unit Microbiological Incubator***

- Table top
- Temperature range of ambient +5°C to +105°C
- Dual convection technology
- Adjustable 6 fan speeds
- With rounded corner, stainless steel interior (AISI 304/1.4301), and internal glass door
- With microprocessor control, automatic over-temperature alarm, access port, RS232 interface, and weekly/daily/real time timer
- Stackable

- Easy calibration routine
- Electrical requirement of 220 V
- Includes all other accessories, training, installation, and at least 1 year warranty on all parts, repair and maintenance services

• ***One (1) Unit Shaker Incubator***

- Orbital type of movement
- With timer and continuous operation modes and RS 232 interface
- With LED speed display, 7-segment LED timer display, and temperature display
- Shaker diameter of 20 mm
- Permissible shaking weight of 20 kg (including attachment)
- Motor rating input of 82 W
- Motor rating output of 24 W
- 100% permissible ON time
- Adjustable minimum speed of 10 rpm
- Speed range of 10 - 500 rpm
- Time setting range of 1 - 59,940 min.
- Heating temperature range of room temp. +5° - 80°C
- Heat output of 1,000 W
- Temperature stability (0,2lH<sub>2</sub>O; RT 25°C, T=37°C) of ±0.1 K
- Permissible ambient temp. of 15 - 32°C
- Permissible relative moisture of 80%
- Voltage of 220 V
- Frequency of 60 Hz
- Power input of 1,120 W
- With IP 30 protection class according to DIN EN 60529
- With 1 - 5 mL sample holders and all other accessories
- Includes all other accessories, training, installation, and at least 1 year warranty on all parts, repair and maintenance services

• ***One(1) Unit Drying & Heating Oven***

- For drying of glassware
- Permitted load of 70 kg
- Load of 30 kg per rack
- With 1 unit door and minimum of 2 shelves
- Energy consumption of 180 Wh/h at 150°C



- Temperature range of 5°C above ambient temperature to 300°C
- Temperature variation of  $\pm 2.3$  K at 150°C
- Temperature fluctuation of  $\pm 0.4$  K at 150°C
- Heating-up time of 50 min. to 150 °C
- Recovery time of 19 min. after 30 sec. door open at 150°C
- Rated voltage of 220 V
- Power frequency of 60 Hz
- Nominal power of 1.05 kW
- Unit fuse of 6.3 A
- Phase (nominal voltage) of 1 ph
- Includes all other accessories, training, installation, and at least 1 year warranty on all parts, repair and maintenance services

• ***One (1) Unit Circulating Water Bath w/ Cover***

- Chamber capacity of at least 19 L
- Temperature range of amb. + 5°C to 100°C
- Temperature stability/uniformity at 37°C of  $\pm 0.1^\circ\text{C}/\pm 0.05^\circ\text{C}$
- Global voltage of 220 V, Frequency of 60 Hz
- Heater output of at least 1,200 W
- With temp. control
- Includes all other accessories, training, installation, and at least 1 year warranty on all parts, repair and maintenance services

**Lot 14:**

• ***One (1) Unit Automated Hematology Analyzer for Animals***

- Measurement time: approx. 125 seconds (until the result is displayed)
- Required specimen volume: approx. 15  $\mu\text{L}$  of whole blood
- Memory function: measurement data of 20 specimens (including size distribution chart and accuracy management data)
- Display system: color LCD screen
- Electrical requirement of 220 V
- With thermal printer and all other Accessories

<p>- Includes all other accessories, training, installation, and at least 1 year warranty on all parts, repair and maintenance services</p>	
---	--

**Company's Name:**

\_\_\_\_\_

**Signature over printed name:** \_\_\_\_\_

**Date accomplished:** \_\_\_\_\_

## ***Section IX. Bidding Forms***

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Name of Procuring Entity: **PHILIPPINE NUCLEAR RESEARCH INSTITUTE**  
Name of the Project: **PROCUREMENT OF FOURTEEN (14) LOTS LABORATORY EQUIPMENT  
UNDER THE PROJECTS: ESTABLISHMENT OF RADIATION BIOLOGY RESEARCH  
CENTER AND DEVELOPMENT OF NOVEL NANOMEDICINE**  
Location of the Project: **PNRI Compound, Commonwealth Ave., Diliman, Quezon City**

### **Checklist of Eligibility and Technical Information/Documents Requirements for Bidders First (1<sup>st</sup>) Envelope**

The 1<sup>st</sup> Envelope shall contain the following:

#### **A. ELIGIBILITY REQUIREMENTS:**

##### **1. CLASS "A" DOCUMENTS:**

##### **1.1 Legal Documents**

- ☐ PhilGEPS Certificate of Registration and Membership
- ☐ Department of Trade and Industry (DTI) Business Name Registration for sole proprietorship, SEC Registration Certificate with latest **General Information Sheet (GIS)** for Corporations or CDA for cooperatives, whichever may be appropriate under existing laws of the Philippines, supported with the necessary information using the prescribed forms
- ☐ Valid and current Mayor's/Business permit issued by the city or municipality where the principal place of business of the prospective bidder is located

In cases of recently expired Mayor's/Business permits, it shall be accepted together with the official receipt as proof that the bidder has applied for renewal within the period prescribed by the concerned local government unit.

##### **1.2 Technical Documents**

- ☐ Statement of the bidder's all Ongoing Government and Private Contracts, to include the following:
  - 1. the name of the contract;
  - 2. date of award/status of the contract;
  - 3. kinds of goods;
  - 4. amount of contract and value of outstanding contracts
- ☐ Statement of the bidder's Single Largest Completed Contract (SLCC) similar to the contract to be bid in the last three (3) years, to include the following:
  - 1. the name of the contract;
  - 2. date of award/status of the contract;
  - 3. kinds of goods;
  - 4. date of delivery; and  
end-user's acceptance or official receipt(s) issued for the contract

### **1.3 Financial Documents**

- ☐ Audited financial statements, stamped “received” by the BIR or its duly accredited and authorized institutions, which comprise the statements of financial position as of December 31, 2016 and 2017, showing among others the total and current assets and liabilities.
- ☐ Computation of Net Financial Contracting Capacity (NFCC) or Committed Line of Credit from a Universal or Commercial Bank
- ☐ Latest valid Tax Clearance per E.O. 398 s. 2005, as finally reviewed and approved by the BIR

## **2. CLASS “B” DOCUMENTS:**

### **2.1 Legal Documents**

- ☐ Valid joint venture agreement (JVA), in case the joint venture is already in existence. In the absence of a JVA, duly notarized statements from all the potential joint venture partners stating that they will enter into and abide by the provisions of the JVA in the instance that the bid is successful shall be included in the bid

## **B. TECHNICAL INFORMATION REQUIREMENTS:**

- ☐ Bid Security in the prescribed form
- ☐ Schedule of Requirements (Section VI of the Bid Documents – page 53)
- ☐ Equipment Requirements and Technical Specifications (Section VII of the Bid Documents – pages 54 - 55)
- ☐ Omnibus Sworn Statement by the bidder or its duly authorized representative
- ☐ Bid/Supplemental Bulletins, if any

Name of Procuring Entity: **PHILIPPINE NUCLEAR RESEARCH INSTITUTE**  
Name of the Project: **PROCUREMENT OF FOURTEEN (14) LOTS LABORATORY EQUIPMENT  
UNDER THE PROJECTS: ESTABLISHMENT OF RADIATION BIOLOGY RESEARCH  
CENTER AND DEVELOPMENT OF NOVEL NANOMEDICINE**  
Location of the Project: **PNRI Compound, Commonwealth Ave., Diliman, Quezon City**

## JOINT VENTURE AGREEMENT

KNOW ALL MEN BY THESE PRESENTS:

That this JOINT VENTURE AGREEMENT is entered into by and between \_\_\_\_\_, of legal age, (civil status), owner/proprietor of \_\_\_\_\_ and a resident of \_\_\_\_\_.

- and -

\_\_\_\_\_, of legal age, (civil status), owner/proprietor of \_\_\_\_\_ a resident of \_\_\_\_\_.

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

NAME OF PROJECT

CONTRACT AMOUNT

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

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

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

Done this \_\_\_\_\_ day of \_\_\_\_\_, in the year of our Lord \_\_\_\_\_.







Name of Procuring Entity: **PHILIPPINE NUCLEAR RESEARCH INSTITUTE**  
Name of the Project: **PROCUREMENT OF FOURTEEN (14) LOTS LABORATORY EQUIPMENT  
UNDER THE PROJECTS: ESTABLISHMENT OF RADIATION BIOLOGY RESEARCH  
CENTER AND DEVELOPMENT OF NOVEL NANOMEDICINE**

Location of the Project: **PNRI Compound, Commonwealth Ave., Diliman, Quezon City**

### **FINANCIAL DOCUMENTS FOR ELIGIBILITY CHECK**

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

		Year 20__
1.	Total Assets	
2.	Current Assets	
3.	Total Liabilities	
4.	Current Liabilities	
5.	Total Net Worth (1-3)	
6.	Current Net Worth or Net Working Capital (2-4)	

- B. The Net Financial Contracting Capacity (NFCC) based on the above data is computed as follows:

$$\text{NFCC} = [(\text{Current Asset} - \text{Current Liabilities}) (15)] \text{ minus value of all outstanding works or uncompleted portions of the projects under ongoing contracts including awarded contracts yet to be started coinciding with the contract to be bid.}$$

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

Submitted by:

\_\_\_\_\_  
Name of Firm / Contractor

\_\_\_\_\_  
Signature of Authorized Representative

Date : \_\_\_\_\_

Name of Procuring Entity: **PHILIPPINE NUCLEAR RESEARCH INSTITUTE**  
Name of the Project: **PROCUREMENT OF FOURTEEN (14) LOTS LABORATORY EQUIPMENT  
UNDER THE PROJECTS: ESTABLISHMENT OF RADIATION BIOLOGY RESEARCH  
CENTER AND DEVELOPMENT OF NOVEL NANOMEDICINE**  
Location of the Project: **PNRI Compound, Commonwealth Ave., Diliman, Quezon City**

**REPUBLIC OF THE PHILIPPINES)**  
**CITY OF \_\_\_\_\_ ) S.S.**  
**x-----x**

**BID-SECURING DECLARATION**

**Invitation to Bid/Request for Expression of Interest No.1:** *[Insert reference number]*

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

I/We<sup>2</sup>, the undersigned, declare that:

1. I/We understand that, according to your conditions, bids must be supported by a Bid Security, which may be in the form of a Bid-Securing Declaration.
2. I/We accept that: (a) I/we will be automatically disqualified from bidding for any contract with any procuring entity for a period of two (2) years upon receipt of your Blacklisting Order; and, (b) I/we will pay the applicable fine provided under Section 6 of the Guidelines on the Use of Bid Securing Declaration<sup>3</sup>, if I/we have committed any of the following actions:
  - (i) Withdrawn my/our Bid during the period of bid validity required in the Bidding Documents; or
  - (ii) Fail or refuse to accept the award and enter into contract or perform any and all acts necessary to the execution of the Contract, in accordance with the Bidding Documents after having been notified of your acceptance of our Bid during the period of bid validity.
3. I/We understand that this Bid-Securing Declaration shall cease to be valid on the following circumstances:
  - (a) Upon expiration of the bid validity period, or any extension thereof pursuant to your request;
  - (b) I am/we are declared ineligible or post-disqualified upon receipt of your notice to such effect, and (i) I/we failed to timely file a request for reconsideration or (ii) I/we filed a waiver to avail of said right;
  - (c) I am/we are declared as the bidder with the Lowest Calculated and Responsive Bid/Highest Rated and Responsive Bid<sup>4</sup>, and I/we have furnished the performance security and signed the Contract.

---

<sup>1</sup> Select one and delete the other.

<sup>2</sup> Select one and delete the other. Adopt same instruction for similar terms throughout the document.

<sup>3</sup> Issued by the GPPB through GPPB Resolution 03-2012 on 27 January 2012.

<sup>4</sup> Select one and delete the other.

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

**[Insert NAME OF BIDDER'S  
AUTHORIZED REPRESENTATIVE]  
[Insert signatory's legal capacity]**  
Affiant

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

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

**NAME OF NOTARY PUBLIC**

Serial No. of Commission \_\_\_\_\_  
Notary Public for \_\_\_\_\_ until \_\_\_\_\_  
Roll of Attorneys No. \_\_\_\_\_  
PTR No. \_\_\_, [date issued], [place issued]  
IBP No. \_\_\_, [date issued], [place issued]

Doc. No. \_\_\_\_  
Page No. \_\_\_\_  
Book No. \_\_\_\_  
Series of \_\_\_\_.

## Omnibus Sworn Statement

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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:

**2. *Select one, delete the other:***

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

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

***Select one, delete the other:***

*If a sole proprietorship:* As the owner and sole proprietor of *[Name of Bidder]*, I have full power and authority to do, execute and perform any and all acts necessary to represent it in the bidding for *[Name of the Project]* of the *[Name of the Procuring Entity]*;

*If a partnership, corporation, cooperative, or joint venture:* I am granted full power and authority to do, execute and perform any and all acts necessary and/or to represent the *[Name of Bidder]* in the bidding as shown in the attached *[state title of attached document showing proof of authorization (e.g., duly notarized Secretary's Certificate issued by the corporation or the members of the joint venture)]*;

*[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;

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;

*[Name of Bidder]* is authorizing the Head of the Procuring Entity or its duly authorized representative(s) to verify all the documents submitted;

**Select one, delete the rest:**

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

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

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

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

[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].

[Name of Bidder] did not give or pay directly or indirectly, any commission, amount, fee or any form of consideration, pecuniary or otherwise, to any person or official, personnel or representative of the government in relation to any procurement project or activity.

IN WITNESS WHEREOF, I have hereunto set my hand this \_\_ day of \_\_, 20\_\_ at \_\_\_\_\_, Philippines.

---

Bidder's Representative/Authorized Signatory

Name of Procuring Entity: **PHILIPPINE NUCLEAR RESEARCH INSTITUTE**  
Name of the Project: **PROCUREMENT OF FOURTEEN (14) LOTS LABORATORY EQUIPMENT  
UNDER THE PROJECTS: ESTABLISHMENT OF RADIATION BIOLOGY RESEARCH  
CENTER AND DEVELOPMENT OF NOVEL NANOMEDICINE**

Location of the Project: **PNRI Compound, Commonwealth Ave., Diliman, Quezon City**

### **AUTHORITY OF SIGNATORY**

### **SECRETARY'S CERTIFICATE**

I, \_\_\_\_\_, a duly elected and qualified Corporate Secretary of \_\_\_\_\_ (Name of the Bidder), a corporation duly organized and existing under and by virtue of the law of the \_\_\_\_\_, DO HEREBY CERTIFY, that:

I am familiar with the facts herein certified and duly authorized to certify the same;

At the regular meeting of the Board of Directors of the said Corporation duly convened and held on \_\_\_\_\_ at which meeting a quorum was present and acting throughout, the following resolutions were approved, and the same have not been annulled, revoked and amended in any way whatever and are in full force and effect on the date hereof:

RESOLVED, that \_\_\_\_\_ (Name of the Bidder) be, as it hereby is, authorized to participate in the bidding of \_\_\_\_\_ (Name of the Contract) \_\_\_\_\_ by the \_\_\_\_\_ (Name of the Procuring Entity); and that if awarded the Contract shall enter into a contract with the \_\_\_\_\_ (Name of the Procuring Entity); and in connection therewith hereby appoints \_\_\_\_\_ (Name of Representative), acting as duly authorized and designated representatives of \_\_\_\_\_ (Name of the Bidder), and granted full power and authority to do, execute and perform any and all acts necessary and/or to represent \_\_\_\_\_ (Name of the Bidder) in the bidding as fully and effectively as the \_\_\_\_\_ (Name of the Bidder) might do if personally present with full power of substitution and revocation and hereby satisfying and confirming all that my said representative shall lawfully do or cause to be done by virtue hereof;

RESOLVED FURTHER THAT, the Board hereby authorizes its President to:

- (1) execute a waiver of jurisdiction whereby the \_\_\_\_\_ (Name of the Bidder) hereby submits itself to the jurisdiction of the Philippine government and hereby waives its right to question the jurisdiction of the Philippine courts;
- (2) execute a waiver that the \_\_\_\_\_ (Name of the Bidder) shall not seek and obtain writ of injunctions or prohibition or restraining order against the AFP or any other agency in connection with this Contract to prevent and restrain the bidding procedures related thereto, the negotiating of and award of a contract to a successful bidder, and the carrying out of the awarded contract.

WITNESS the signature of the undersigned as such officer of the said \_\_\_\_\_ this \_\_\_\_\_.

\_\_\_\_\_  
(Corporate Secretary)

### ACKNOWLEDGMENT

SUBSCRIBED AND SWORN to before me this \_\_\_\_\_ day of \_\_\_\_\_, 20\_\_\_\_ affiant  
exhibited to me his/her Community Tax Certificate No. \_\_\_\_\_ issued on  
\_\_\_\_\_ at \_\_\_\_\_, Philippines.

Notary Public  
Until 31 December 20\_\_\_\_  
PTR No. \_\_\_\_\_  
Issued at: \_\_\_\_\_  
Issued on: \_\_\_\_\_  
TIN No. \_\_\_\_\_

Doc. No. \_\_\_\_\_  
Page No. \_\_\_\_\_  
Book No. \_\_\_\_\_  
Series of \_\_\_\_\_

Name of Procuring Entity: **PHILIPPINE NUCLEAR RESEARCH INSTITUTE**  
Name of the Project: **PROCUREMENT OF FOURTEEN (14) LOTS LABORATORY EQUIPMENT  
UNDER THE PROJECTS: ESTABLISHMENT OF RADIATION BIOLOGY RESEARCH  
CENTER AND DEVELOPMENT OF NOVEL NANOMEDICINE**  
Location of the Project: **PNRI Compound, Commonwealth Ave., Diliman, Quezon City**

**AUTHORITY OF SIGNATORY**

**SPECIAL POWER OF ATTORNEY**

I, \_\_\_\_\_, President of \_\_\_\_\_, a corporation incorporated under the laws of \_\_\_\_\_ with its registered office at \_\_\_\_\_, by virtue of Board Resolution No. \_\_\_\_\_ dated \_\_\_\_\_, has made, constituted and appointed \_\_\_\_\_ true and lawful attorney, for it and its name, place and stead, to do, execute and perform any and all acts necessary and/or represent \_\_\_\_\_ in the bidding of \_\_\_\_\_ as fully and effectively as corporation might do if personally present with full power of substitution and revocation and hereby confirming all that said representative shall lawfully do or cause to be done by virtue hereof.

IN WITNESS WHEREOF, I have hereunto set my hand this \_\_\_\_\_ day of \_\_\_\_\_, 20\_\_\_\_ at \_\_\_\_\_.

\_\_\_\_\_  
President

Signed in the Presence of:

\_\_\_\_\_

**A. ACKNOWLEDGMENT**

REPUBLIC OF THE PHILIPPINES )  
QUEZON CITY )SS.

BEFORE ME, a Notary Public for and in Quezon City, Philippines, this \_\_\_\_\_ day of \_\_\_\_\_, 20\_\_\_\_, personally appeared:

<u>NAME</u>	<u>CTC NO.</u>	<u>ISSUED AT/ON</u>
_____	_____	_____
_____	_____	_____

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

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

Notary Public  
Until 31 December 20\_\_\_\_  
PTR No. \_\_\_\_\_  
Issued at: \_\_\_\_\_  
Issued on: \_\_\_\_\_  
TIN No. \_\_\_\_\_

Doc. No. \_\_\_\_\_  
Page No. \_\_\_\_\_



Book No. \_\_\_\_\_  
Series of \_\_\_\_\_

Name of Procuring Entity: **PHILIPPINE NUCLEAR RESEARCH INSTITUTE**  
Name of the Project: **PROCUREMENT OF FOURTEEN (14) LOTS LABORATORY EQUIPMENT  
UNDER THE PROJECTS: ESTABLISHMENT OF RADIATION BIOLOGY RESEARCH  
CENTER AND DEVELOPMENT OF NOVEL NANOMEDICINE**

Location of the Project: **PNRI Compound, Commonwealth Ave., Diliman, Quezon City**

**Checklist of Financial Requirements for Bidders  
Second (2<sup>nd</sup>) Envelope**

**The 2<sup>nd</sup> Envelope shall contain:**

☐ Duly Signed Price/Bid Proposal (Bid Form – page 98)

## Bid Form

---

Republic of the Philippines  
Department of Science and Technology  
**PHILIPPINE NUCLEAR RESEARCH INSTITUTE**  
Commonwealth Avenue, Diliman, Quezon City

Gentlemen and/or Ladies:

Having examined the Bidding Documents including Bid Bulletin Numbers *[insert numbers]*, the receipt of which is hereby duly acknowledged, we, the undersigned, offer to *[supply/deliver/perform]* *[description of the Goods]* in conformity with the said Bidding Documents for the sum of *[total Bid amount in words and figures]* or such other sums as may be ascertained in accordance with the Schedule of Prices attached herewith and made part of this Bid.

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

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

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

Commissions or gratuities, if any, paid or to be paid by us to agents relating to this Bid, and to contract execution if we are awarded the contract, are listed below:

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 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.

Dated this \_\_\_\_\_ day of \_\_\_\_\_ 20\_\_\_\_\_.

\_\_\_\_\_  
*[signature]*

\_\_\_\_\_  
*[in the capacity of]*

Duly authorized to sign Bid for and on behalf of \_\_\_\_\_