



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

# **BID DOCUMENTS**

## **PROCUREMENT OF FOUR (4) LOTS OF TECHNICAL AND SCIENTIFIC EQUIPMENT FOR THE HEALTH PHYSICS RESEARCH SECTION**

**PNRI BIDS AND AWARDS COMMITTEE  
Commonwealth Avenue, Diliman, Quezon City**

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# *Glossary of Acronyms, Terms, and Abbreviations*

**ABC** – Approved Budget for the Contract.

**BAC** – Bids and Awards Committee.

**Bid** – A signed offer or proposal to undertake a contract submitted by a bidder in response to and in consonance with the requirements of the bidding documents. Also referred to as *Proposal* and *Tender*. (2016 revised IRR, Section 5[c])

**Bidder** – Refers to a contractor, manufacturer, supplier, distributor and/or consultant who submits a bid in response to the requirements of the Bidding Documents. (2016 revised IRR, Section 5[d])

**Bidding Documents** – The documents issued by the Procuring Entity as the bases for bids, furnishing all information necessary for a prospective bidder to prepare a bid for the Goods, Infrastructure Projects, and/or Consulting Services required by the Procuring Entity. (2016 revised IRR, Section 5[e])

**BIR** – Bureau of Internal Revenue.

**BSP** – Bangko Sentral ng Pilipinas.

**Consulting Services** – Refer to services for Infrastructure Projects and other types of projects or activities of the GOP requiring adequate external technical and professional expertise that are beyond the capability and/or capacity of the GOP to undertake such as, but not limited to: (i) advisory and review services; (ii) pre-investment or feasibility studies; (iii) design; (iv) construction supervision; (v) management and related services; and (vi) other technical services or special studies. (2016 revised IRR, Section 5[i])

**CDA** - Cooperative Development Authority.

**Contract** – Refers to the agreement entered into between the Procuring Entity and the Supplier or Manufacturer or Distributor or Service Provider for procurement of Goods and Services; Contractor for Procurement of Infrastructure Projects; or Consultant or Consulting Firm for Procurement of Consulting Services; as the case may be, as recorded in the Contract Form signed by the parties, including all attachments and appendices thereto and all documents incorporated by reference therein.

**CIF** – Cost Insurance and Freight.

**CIP** – Carriage and Insurance Paid.

**CPI** – Consumer Price Index.

**DDP** – Refers to the quoted price of the Goods, which means “delivered duty paid.”

**DTI** – Department of Trade and Industry.

**EXW** – Ex works.

**FCA** – “Free Carrier” shipping point.

**FOB** – “Free on Board” shipping point.

**Foreign-funded Procurement or Foreign-Assisted Project**– Refers to procurement whose funding source is from a foreign government, foreign or international financing institution as specified in the Treaty or International or Executive Agreement. (2016 revised IRR, Section 5[b]).

**Framework Agreement** – Refers to a written agreement between a procuring entity and a supplier or service provider that identifies the terms and conditions, under which specific purchases, otherwise known as “Call-Offs,” are made for the duration of the agreement. It is in the nature of an option contract between the procuring entity and the bidder(s) granting the procuring entity the option to either place an order for any of the goods or services identified in the Framework Agreement List or not buy at all, within a minimum period of one (1) year to a maximum period of three (3) years. (GPPB Resolution No. 27-2019)

**GFI** – Government Financial Institution.

**GOCC** – Government-owned and/or –controlled corporation.

**Goods** – Refer to all items, supplies, materials and general support services, except Consulting Services and Infrastructure Projects, which may be needed in the transaction of public businesses or in the pursuit of any government undertaking, project or activity, whether in the nature of equipment, furniture, stationery, materials for construction, or personal property of any kind, including non-personal or contractual services such as the repair and maintenance of equipment and furniture, as well as trucking, hauling, janitorial, security, and related or analogous services, as well as procurement of materials and supplies provided by the Procuring Entity for such services. The term “related” or “analogous services” shall include, but is not limited to, lease or purchase of office space, media advertisements, health maintenance services, and other services essential to the operation of the Procuring Entity. (2016 revised IRR, Section 5[r])

**GOP** – Government of the Philippines.

**GPPB** – Government Procurement Policy Board.

**INCOTERMS** – International Commercial Terms.

**Infrastructure Projects** – Include the construction, improvement, rehabilitation, demolition, repair, restoration or maintenance of roads and bridges, railways, airports, seaports, communication facilities, civil works components of information technology projects, irrigation, flood control and drainage, water supply, sanitation, sewerage and solid waste management systems, shore protection, energy/power and electrification facilities, national

buildings, school buildings, hospital buildings, and other related construction projects of the government. Also referred to as *civil works or works*. (2016 revised IRR, Section 5[u])

**LGUs** – Local Government Units.

**NFCC** – Net Financial Contracting Capacity.

**NGA** – National Government Agency.

**PhilGEPS** - Philippine Government Electronic Procurement System.

**Procurement Project** – refers to a specific or identified procurement covering goods, infrastructure project or consulting services. A Procurement Project shall be described, detailed, and scheduled in the Project Procurement Management Plan prepared by the agency which shall be consolidated in the procuring entity's Annual Procurement Plan. (GPPB Circular No. 06-2019 dated 17 July 2019)

**PSA** – Philippine Statistics Authority.

**SEC** – Securities and Exchange Commission.

**SLCC** – Single Largest Completed Contract.

**Supplier** – refers to a citizen, or any corporate body or commercial company duly organized and registered under the laws where it is established, habitually established in business and engaged in the manufacture or sale of the merchandise or performance of the general services covered by his bid. (Item 3.8 of GPPB Resolution No. 13-2019, dated 23 May 2019). Supplier as used in these Bidding Documents may likewise refer to a distributor, manufacturer, contractor, or consultant.

**UN** – United Nations.

# ***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 FOUR  
(4) LOTS OF TECHNICAL AND SCIENTIFIC EQUIPMENT  
FOR THE HEALTH PHYSICS RESEARCH SECTION**

1. The Philippine Nuclear Research Institute, through the 2025 National Expenditure Program (NEP) intends to apply the total amount of ***Thirty Nine Million Four Hundred Sixty One Thousand Seven Hundred Twenty One Pesos (₱39,461,721.00 – Lot 1: ₱12,402,000.00; Lot 2: ₱16,396,712.00, Lot 3: ₱10,119,385.00 and Lot 4: ₱543,624.00)*** being the ABC to payments under the contract for the ***Procurement of Four (4) Lots Technical and Scientific Equipment for Health Physics Research Section.*** Bids received in excess of the ABC per lot shall be automatically rejected at the bid opening. The award will be facilitated after the enactment of GAA.
2. The Philippine Nuclear Research Institute now invites bids for the above Procurement Project. Delivery of the Goods is ***one hundred twenty (120) calendar days*** upon receipt of approved Notice to Proceed (NTP). Bidders should have completed, within three (3) years from the date of submission and receipt of bids, a contract similar to the Project. The description of an eligible bidder is contained in the Bidding Documents, particularly, in Section II (Instructions to Bidders).
3. Bidding will be conducted through open competitive bidding procedures using a non-discretionary “*pass/fail*” criterion as specified in the 2016 revised Implementing Rules and Regulations (IRR) of Republic Act (RA) No. 9184.

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 No. 5183.

4. Prospective Bidders may obtain further information from the Philippine Nuclear Research Institute Bids and Awards Committee (PNRI-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 **8:00 am to 3:00 pm** from **October 25 – November 25, 2024, Monday thru Friday** from the given address and website(s) below, upon payment of a nonrefundable fee, pursuant to the latest Guidelines issued by the GPPB, in the amount varying on the total amount of lots to be bid, to the PNRI Cash Section, FAD.
6. The Philippine Nuclear Research Institute will hold a Pre-Bid Conference on **November 12, 2024, Tuesday, 10:00 AM**, through video conferencing or webcasting via Microsoft Teams, which shall be open to prospective bidders.
7. Bids must be duly received by the BAC Secretariat through manual submission at the **3<sup>rd</sup> Floor Conference Room, NART Building, PNRI Compound**, on or before **November 25, 2024, Monday, 10:00 AM**. Late bids shall not be accepted.
8. All Bids must be accompanied by a bid security in any of the acceptable forms and in the amount stated in **ITB** Clause 14.
9. Bid opening shall be on **November 25, 2024, 10:00 AM** at the **3<sup>rd</sup> Floor Conference Room, NART, Building, PNRI Compound**. Bidders may opt to attend physically or virtually. A link will be provided to Bidders/bidders' representatives who choose to attend the opening virtually.
10. The Philippine Nuclear Research Institute reserves the right to reject any and all bids, declare a failure of bidding, or not award the contract at any time prior to contract award in accordance with Sections 35.6 and 41 of the 2016 revised IRR of RA No. 9184, without thereby incurring any liability to the affected bidder or bidders.
11. For further information, please refer to:  
**Hidie S. Gocuyo, Administrative Officer V**  
Head BAC Secretariat  
929-6011 to 19 Loc. 259/Fax. 920-8760  
hsgocuyo@pnri.dost.gov.ph
12. You may visit the following websites for downloading of Bidding Documents:  
<http://www.philgeps.gov.ph>  
<http://www.pnri.dost.gov.ph>

**Vallerie Ann I. Samson, Ph.D.**  
Deputy Director and  
Chairperson, PNRI-BAC

## ***Section II. Instructions to Bidders***

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

The Procuring Entity, Philippine Nuclear Research Institute wishes to receive Bids for the ***Procurement of Four (4) Lots of Technical and Scientific Equipment for the Health Physics Research Section*** with identification number ***PR No. 24-09-1395, PR No. 24-09-1396 and PR No. 24-09-1397.***

The Procurement Project (referred to herein as “Project”) is composed of ***Four (4) Lots***, the details of which are described in Section VII (Technical Specifications).

### **2. Funding Information**

2.1. The GOP through the source of funding as indicated below for ***2025*** in the total amount of ***Thirty-Nine Million Four Hundred Sixty Two Thousand Seven Hundred Twenty One Pesos (₱39,462,721.00).***

a. The source of funding is: NGA, National Expenditure Program.

### **3. Bidding Requirements**

The Bidding for the Project shall be governed by all the provisions of RA No. 9184 and its 2016 revised IRR, including its Generic Procurement Manuals and associated policies, rules and regulations as the primary source thereof, while the herein clauses shall serve as the secondary source thereof.

Any amendments made to the IRR and other GPPB issuances shall be applicable only to the ongoing posting, advertisement, or ***IB*** by the BAC through the issuance of a supplemental or bid bulletin.

The Bidder, by the act of submitting its Bid, shall be deemed to have verified and accepted the general requirements of this Project, including other factors that may affect the cost, duration and execution or implementation of the contract, project, or work and examine all instructions, forms, terms, and project requirements in the Bidding Documents.

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

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. They or through an agent shall not engage in corrupt, fraudulent, collusive, coercive, and obstructive practices defined under Annex “I” of the 2016 revised IRR of RA No. 9184 or other integrity violations in competing for the Project.



## 5. Eligible Bidders

5.1. Only Bids of Bidders found to be legally, technically, and financially capable will be evaluated.

5.2. *[Select one, delete other/s]*

a. Foreign ownership exceeding those allowed under the rules may participate pursuant to:

- i. When a Treaty or International or Executive Agreement as provided in Section 4 of the RA No. 9184 and its 2016 revised IRR allow foreign bidders to participate;
- ii. Citizens, corporations, or associations of a country, included in the list issued by the GPPB, the laws or regulations of which grant reciprocal rights or privileges to citizens, corporations, or associations of the Philippines;
- iii. When the Goods sought to be procured are not available from local suppliers; or
- iv. When there is a need to prevent situations that defeat competition or restrain trade.

b. Foreign ownership limited to those allowed under the rules may participate in this Project.

5.3. Pursuant to Section 23.4.1.3 of the 2016 revised IRR of RA No.9184, the Bidder shall have an SLCC that is at least one (1) contract similar to the Project the value of which, adjusted to current prices using the PSA's CPI, must be at least equivalent to:

*[Select one, delete the other/s]*

a. For the procurement of Non-expendable Supplies and Services: The Bidder must have completed a single contract that is similar to this Project, equivalent to at least fifty percent (50%) of the ABC.

b. For procurement where the Procuring Entity has determined, after the conduct of market research, that imposition of either (a) or (b) will likely result to failure of bidding or monopoly that will defeat the purpose of public bidding: the Bidder should comply with the following requirements: *[Select either failure or monopoly of bidding based on market research conducted]*

- i. Completed at least two (2) similar contracts, the aggregate amount of which should be equivalent to at least *fifty percent (50%) in the case of non-expendable supplies and services or twenty-five percent*

(25%) in the case of expendable supplies] of the ABC for this Project; and

- ii. The largest of these similar contracts must be equivalent to at least half of the percentage of the ABC as required above.

- 5.4. The Bidders shall comply with the eligibility criteria under Section 23.4.1 of the 2016 IRR of RA No. 9184.

## 6. Origin of Goods

There is no restriction on the origin of goods other than those prohibited by a decision of the UN Security Council taken under Chapter VII of the Charter of the UN, subject to Domestic Preference requirements under **ITB** Clause 18.

## 7. Subcontracts

- 7.1. The Bidder may subcontract portions of the Project to the extent allowed by the Procuring Entity as stated herein, but in no case more than twenty percent (20%) of the Project.

The Procuring Entity has prescribed that:

Subcontracting is not allowed.

- 7.2. *[If Procuring Entity has determined that subcontracting is allowed during the bidding, state:]* The Bidder must submit together with its Bid the documentary requirements of the subcontractor(s) complying with the eligibility criteria stated in **ITB** Clause 5 in accordance with Section 23.4 of the 2016 revised IRR of RA No. 9184 pursuant to Section 23.1 thereof.

- 7.3. *[If subcontracting is allowed during the contract implementation stage, state:]* The Supplier may identify its subcontractor during the contract implementation stage. Subcontractors identified during the bidding may be changed during the implementation of this Contract. Subcontractors must submit the documentary requirements under Section 23.1 of the 2016 revised IRR of RA No. 9184 and comply with the eligibility criteria specified in **ITB** Clause 5 to the implementing or end-user unit.

- 7.4. Subcontracting of any portion of the Project does not relieve the Supplier of any liability or obligation under the 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.

## 8. Pre-Bid Conference

The Procuring Entity will hold a pre-bid conference for this Project on the specified date and time and either at its physical address *{[insert if applicable]}* and/or through videoconferencing/webcasting as indicated in paragraph 6 of the **IB**.

## 9. Clarification and Amendment of Bidding Documents

Prospective bidders may request for clarification on and/or interpretation of any part of the Bidding Documents. Such requests must be in writing and received by the Procuring Entity, either at its given address or through electronic mail indicated in the **IB**, at least ten (10) calendar days before the deadline set for the submission and receipt of Bids.

## 10. Documents comprising the Bid: Eligibility and Technical Components

- 10.1. The first envelope shall contain the eligibility and technical documents of the Bid as specified in **Section VIII (Checklist of Technical and Financial Documents)**.
- 10.2. The Bidder's SLCC as indicated in **ITB** Clause 5.3 should have been completed within *[state relevant period as provided in paragraph 2 of the **IB**]* prior to the deadline for the submission and receipt of bids.
- 10.3. If the eligibility requirements or statements, the bids, and all other documents for submission to the BAC are in foreign language other than English, it must be accompanied by a translation in English, which 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. Similar to the required authentication above, for Contracting Parties to the Apostille Convention, only the translated documents shall be authenticated through an apostille pursuant to GPPB Resolution No. 13-2019 dated 23 May 2019. The English translation shall govern, for purposes of interpretation of the bid.

## 11. Documents comprising the Bid: Financial Component

- 11.1. The second bid envelope shall contain the financial documents for the Bid as specified in **Section VIII (Checklist of Technical and Financial Documents)**.
- 11.2. If the Bidder claims preference as a Domestic Bidder or Domestic Entity, a certification issued by DTI shall be provided by the Bidder in accordance with Section 43.1.3 of the 2016 revised IRR of RA No. 9184.
- 11.3. Any bid exceeding the ABC indicated in paragraph 1 of the **IB** shall not be accepted.
- 11.4. For Foreign-funded Procurement, a ceiling may be applied to bid prices provided the conditions are met under Section 31.2 of the 2016 revised IRR of RA No. 9184.
- 11.5. *[Include if Framework Agreement will be used:]* Financial proposals for single or multi-year Framework Agreement shall be submitted before the deadline of submission of bids as prescribed in the **IB**. For multi-year Framework Agreement, evaluation of the financial proposal during this stage is for purposes

of determining eligibility and whether or not such financial proposal is within the ABC.

## 12. Bid Prices

12.1. 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 e.
- b. For Goods offered from abroad:
  - i. Unless otherwise stated in the **BDS**, the price of the Goods shall be quoted delivered duty paid (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, as listed in **Section VII (Technical Specifications)**.

12.2. *[Include if Framework Agreement will be used:]* For Framework Agreement, the following should also apply in addition to Clause 12.1:

- a. For a single year Framework Agreement, the prices quoted by the Bidder shall be fixed during the Bidder's performance of the contract and not subject to variation or escalation on any account. Price schedules required under Clause 12.1 shall be submitted with the bidding documents.
- b. For a multi-year Framework Agreement, the prices quoted by the Bidder during submission of eligibility documents shall be the ceiling and the price quoted during mini-competition must not exceed the initial price offer. The price quoted during call for mini-competition shall be fixed during the Bidder's performance of that Call-off and not subject to variation or escalation on any account. Price schedules required under Clause 12.1 shall be submitted with the bidding documents.

### 13. Bid and Payment Currencies

- 13.1. For Goods that the Bidder will supply from outside the Philippines, the bid prices may be quoted in the local currency or tradeable currency accepted by the BSP at the discretion of the Bidder. However, for purposes of bid evaluation, Bids denominated in foreign currencies, shall be converted to Philippine currency based on the exchange rate as published in the BSP reference rate bulletin on the day of the bid opening.
- 13.2. Payment of the contract price shall be made in Philippine Pesos.

### 14. Bid Security

- 14.1. The Bidder shall submit a Bid Securing Declaration<sup>1</sup> or any form of Bid Security in the amount indicated in the **BDS**, which shall be not less than the percentage of the ABC in accordance with the schedule in the **BDS**.
- 14.2. The Bid and bid security shall be valid for 120 days. Any Bid not accompanied by an acceptable bid security shall be rejected by the Procuring Entity as non-responsive.
- 14.3. *[Include if Framework Agreement will be used:]* In the case of Framework Agreement, other than the grounds for forfeiture under the 2016 revised IRR, the bid security may also be forfeited if the successful bidder fails to sign the Framework Agreement, or fails to furnish the performance security or performance securing declaration. Without prejudice on its forfeiture, bid securities shall be returned only after the posting of performance security or performance securing declaration, as the case may be, by the winning Bidder or compliant Bidders and the signing of the Framework Agreement.

### 15. Sealing and Marking of Bids

Each Bidder shall submit one copy of the first and second components of its Bid.

The Procuring Entity may request additional hard copies and/or electronic copies of the Bid. However, failure of the Bidders to comply with the said request shall not be a ground for disqualification.

If the Procuring Entity allows the submission of bids through online submission or any other electronic means, the Bidder shall submit an electronic copy of its Bid, which must be digitally signed. An electronic copy that cannot be opened or is corrupted shall be considered non-responsive and, thus, automatically disqualified.

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<sup>1</sup> In the case of Framework Agreement, the undertaking shall refer to entering into contract with the Procuring Entity and furnishing of the performance security or the performance securing declaration within ten (10) calendar days from receipt of Notice to Execute Framework Agreement.

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

- 16.1. The Bidders shall submit on the specified date and time and either at its physical address or through online submission as indicated in paragraph 7 of the **IB**.
- 16.2. *[Include if Framework Agreement will be used:]* For multi-year Framework Agreement, the submission of bids shall be for the initial evaluation of their technical and financial eligibility. Thereafter, those declared eligible during the said initial eligibility evaluation and entered into a Framework Agreement with the Procuring Entity shall submit anew their best financial offer at the address and on or before the date and time indicated in the Call for each mini-competition.

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

- 17.1. The BAC shall open the Bids in public at the time, on the date, and at the place specified in paragraph 9 of the **IB**. The Bidders' representatives who are present shall sign a register evidencing their attendance. In case videoconferencing, webcasting or other similar technologies will be used, attendance of participants shall likewise be recorded by the BAC Secretariat.

In case the Bids cannot be opened as scheduled due to justifiable reasons, the rescheduling requirements under Section 29 of the 2016 revised IRR of RA No. 9184 shall prevail.

- 17.2. The preliminary examination of bids shall be governed by Section 30 of the 2016 revised IRR of RA No. 9184.

## **18. Domestic Preference**

- 18.1. The Procuring Entity will grant a margin of preference for the purpose of comparison of Bids in accordance with Section 43.1.2 of the 2016 revised IRR of RA No. 9184.
- 18.2. *[Include if Framework Agreement will be used:]* For multi-year Framework Agreement, determination of margin of preference shall be conducted every call for Mini-Competition.

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

- 19.1. The Procuring BAC shall immediately conduct a detailed evaluation of all Bids rated "*passed*," using non-discretionary pass/fail criteria. The BAC shall consider the conditions in the evaluation of Bids under Section 32.2 of the 2016 revised IRR of RA No. 9184.

*[Include the following options if Framework Agreement will be used:]*

- a. In the case of single-year Framework Agreement, the Lowest Calculated Bid shall be determined outright after the detailed evaluation;

- b. For multi-year Framework Agreement, the determination of the eligibility and the compliance of bidders with the technical and financial aspects of the projects shall be initially made by the BAC, in accordance with Item 7.4.2 of the Guidelines on the Use of Framework Agreement.
- 19.2. If the Project allows partial bids, bidders may submit a proposal on any of the lots or items, and evaluation will be undertaken on a per lot or item basis, as the case maybe. In this case, the Bid Security as required by **ITB** Clause 15 shall be submitted for each lot or item separately.
- 19.3. The descriptions of the lots or items shall be indicated in **Section VII (Technical Specifications)**, although the ABCs of these lots or items are indicated in the **BDS** for purposes of the NFCC computation pursuant to Section 23.4.2.6 of the 2016 revised IRR of RA No. 9184. The NFCC must be sufficient for the total of the ABCs for all the lots or items participated in by the prospective Bidder.
- 19.4. The Project shall be awarded as follows:
  - Option 2 – One Project having several items grouped into several lots, which shall be awarded as separate contracts per lot.
- 19.5. Except for bidders submitting a committed Line of Credit from a Universal or Commercial Bank in lieu of its NFCC computation, all Bids must include the NFCC computation pursuant to Section 23.4.1.4 of the 2016 revised IRR of RA No. 9184, which must be sufficient for the total of the ABCs for all the lots or items participated in by the prospective Bidder. For bidders submitting the committed Line of Credit, it must be at least equal to ten percent (10%) of the ABCs for all the lots or items participated in by the prospective Bidder.

## 20. Post-Qualification

- 20.1. *[Include if Framework Agreement will be used:]*For multi-year Framework Agreement, all bidders initially determined to be eligible and financially compliant shall be subject to initial post-qualification. The BAC shall then recommend the execution of a Framework Agreement among all eligible, technically and financially compliant bidders and the Procuring Entity and shall be issued by HoPE a Notice to Execute Framework Agreement. The determination of the Lowest Calculated Bid (LCB) shall not be performed by the BAC until a Mini-Competition is conducted among the bidders who executed a Framework Agreement. When a Call for Mini-Competition is made, the BAC shall allow the bidders to submit their best financial proposals on such pre-scheduled date, time and place to determine the bidder with the LCB.
- 20.2. 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, *{[Include if Framework Agreement will be used:]* or in the case of multi-year Framework Agreement, that it is one of the eligible bidders who have submitted bids that are found to be technically and financially compliant,*}*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**. *{[Include if Framework Agreement will be used:]* For every mini-competition in Framework Agreement, the LCB shall likewise submit the required documents for final Post Qualification. }

## 21. Signing of the Contract

21.1. The documents required in Section 37.2 of the 2016 revised IRR of RA No. 9184 shall form part of the Contract. Additional Contract documents are indicated in the **BDS**.

*[Include the following clauses if Framework Agreement will be used:]*

21.2. At the same time as the Procuring Entity notifies the successful Bidder that its bid has been accepted, the Procuring Entity shall send the Framework Agreement Form to the Bidder, which contract has been provided in the Bidding Documents, incorporating therein all agreements between the parties.

21.3. Within ten (10) calendar days from receipt of the Notice to Execute Framework Agreement with the Procuring Entity, the successful Bidder or its duly authorized representative shall formally enter into a Framework Agreement with the procuring entity for an amount of One Peso to be paid to the procuring entity as a consideration for the option granted by the procuring entity to procure the items in the Framework Agreement List when the need arises.

21.4. The Procuring Entity shall enter into a Framework Agreement with the successful Bidder within the same ten (10) calendar day period provided that all the documentary requirements are complied with.

21.5. The following documents shall form part of the Framework Agreement:

- a. Framework Agreement Form;
- b. Bidding Documents;
- c. Call-offs;
- d. 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;
- e. Performance Security or Performance Securing Declaration, as the case may be;
- f. Notice to Execute Framework Agreement; and
- g. Other contract documents that may be required by existing laws and/or specified in the **BDS**.



## *Section III. Bid Data Sheet*

### **Bid Data Sheet**

<b>ITB Clause</b>	
5.3	<p>For this purpose, contracts similar to the Project shall be:</p> <ul style="list-style-type: none"> <li>a. <b><i>Supply delivery of Scientific/Laboratory Equipment/ Devices/ Instruments</i></b></li> <li>b. Completed within <b><i>three (3) years</i></b> prior to the deadline for the submission and receipt of bids.</li> </ul>
7.1	Subcontracting is not allowed.
12	The price of the Goods shall be quoted DDP or the applicable International Commercial Terms (INCOTERMS) for this Project.
14.1	<p>The bid security shall be in the form of a Bid Securing Declaration, or any of the following forms and amounts depending on the total amount of lots to be bid:</p> <ul style="list-style-type: none"> <li>a. <b><i>Two percent (2%)</i></b> if bid security is in cash, cashier's/manager's check, bank draft/guarantee or irrevocable letter of credit;</li> <li>b. <b><i>Five percent (5%)</i></b> if bid security is in Surety Bond.</li> </ul> <p>If a surety bond will be used, the following are the requirements:</p> <ul style="list-style-type: none"> <li>a. <i>Must have the original receipt;</i></li> <li>b. <i>Must be callable on demand;</i></li> <li>c. <i>Certified by the Insurance Commission that the surety company is authorized to issue such security.</i></li> </ul>
19.3	The descriptions of the lots shall be indicated in Section VII – Technical Specifications.
19.4	<p>The bid shall be evaluated per lot, bid price in excess of the ABC per lot shall be disqualified.</p> <p>The project shall be awarded as:</p> <p>One Project having several lots, which shall be awarded as separate contracts per lot.</p>
20.2	<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>
21.2	<p>Other appropriate licenses and permits required:</p> <ul 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> </ul>

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

### **1. Scope of Contract**

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. All the provisions of RA No. 9184 and its 2016 revised IRR, including the Generic Procurement Manual, and associated issuances, constitute the primary source for the terms and conditions of the Contract, and thus, applicable in contract implementation. Herein clauses shall serve as the secondary source for the terms and conditions of the Contract.

This is without prejudice to Sections 74.1 and 74.2 of the 2016 revised IRR of RA No. 9184 allowing the GPPB to amend the IRR, which shall be applied to all procurement activities, the advertisement, posting, or invitation of which were issued after the effectivity of the said amendment.

Additional requirements for the completion of this Contract shall be provided in the **Special Conditions of Contract (SCC)**.

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

2.1. Advance payment of the contract amount is provided under Annex “D” of the revised 2016 IRR of RA No. 9184.

2.2. The Procuring Entity is allowed to determine the terms of payment on the partial or staggered delivery of the Goods procured, provided such partial payment shall correspond to the value of the goods delivered and accepted in accordance with prevailing accounting and auditing rules and regulations. The terms of payment are indicated in the **SCC**.

*[Include the following clauses if Framework Agreement will be used:]*

2.3. For a single-year Framework Agreement, prices charged by the Supplier for Goods delivered and/or services performed under a Call-Off shall not vary from the prices quoted by the Supplier in its bid.

2.4. For multi-year Framework Agreement, prices charged by the Supplier for Goods delivered and/or services performed under a Call-Off shall not vary from the prices quoted by the Supplier during conduct of Mini-Competition.

### **3. Performance Security**

Within ten (10) calendar days from receipt of the Notice of Award by the Bidder from the Procuring Entity but in no case later than prior to the signing of the Contract by both parties, the successful Bidder shall furnish the performance security in any of the forms prescribed in Section 39 of the 2016 revised IRR of RA No. 9184. *[Include if Framework Agreement will be used:]* In the case of Framework Agreement, the Bidder

may opt to furnish the performance security or a Performance Securing Declaration as defined under the Guidelines on the Use of Framework Agreement.)

#### **4. Inspection and Tests**

The Procuring Entity or its representative shall have the right to inspect and/or to test the Goods to confirm their conformity to the Project *{[Include if Framework Agreement will be used:] or Framework Agreement}* specifications at no extra cost to the Procuring Entity in accordance with the Generic Procurement Manual. In addition to tests in the **SCC, Section IV (Technical Specifications)** shall specify what inspections and/or tests the Procuring Entity requires, and where they are to be conducted. The Procuring Entity shall notify the Supplier in writing, in a timely manner, of the identity of any representatives retained for these purposes.

All reasonable facilities and assistance for the inspection and testing of Goods, including access to drawings and production data, shall be provided by the Supplier to the authorized inspectors at no charge to the Procuring Entity.

#### **5. Warranty**

- 6.1. In order to assure that manufacturing defects shall be corrected by the Supplier, a warranty shall be required from the Supplier as provided under Section 62.1 of the 2016 revised IRR of RA No. 9184.
- 6.2. 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, repair or replace the defective Goods or parts thereof without cost to the Procuring Entity, pursuant to the Generic Procurement Manual.

#### **6. Liability of the Supplier**

The Supplier's liability under this Contract shall be as provided by the laws of the Republic of the Philippines.

If the Supplier is a joint venture, all partners to the joint venture shall be jointly and severally liable to the Procuring Entity.

# *Section V. Special Conditions of Contract*

## **Special Conditions of Contract**

GCC Clause	
	<p><b>Delivery and Documents –</b></p> <p>For purposes of the Contract, “EXW,” “FOB,” “FCA,” “CIF,” “CIP,” “DDP” and other trade terms used to describe the obligations of the parties shall have the meanings assigned to them by the current edition of INCOTERMS published by the International Chamber of Commerce, Paris. The Delivery terms of this Contract shall be as follows:</p> <p><i>[For Goods supplied from abroad, state:]</i> “The delivery terms applicable to the Contract are DDP delivered <i>[indicate place of destination]</i>. In accordance with INCOTERMS.”</p> <p><i>[For Goods supplied from within the Philippines, state:]</i> “The delivery terms applicable to this Contract are delivered to the <b><i>Philippine Nuclear Research Institute at Commonwealth Avenue, 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).</p> <p>For purposes of this Clause the Procuring Entity’s Representative at the Project Site is <b><i>Dr. Chitho P. Feliciano</i></b></p> <p><b>Incidental Services –</b></p> <p>The Supplier is required to provide all of the following services, including additional services, if any, specified in Section VI. Schedule of Requirements: <i>Select appropriate requirements and delete the rest.</i></p> <ol style="list-style-type: none"> <li>a. performance or supervision of on-site assembly and/or start-up of the supplied Goods;</li> <li>b. furnishing of tools required for assembly and/or maintenance of the supplied Goods;</li> <li>c. furnishing of a detailed operations and maintenance manual for each appropriate unit of the supplied Goods;</li> <li>d. performance or supervision or maintenance and/or repair of the supplied Goods, for a period of time agreed by the parties, provided that this service shall not relieve the Supplier of any warranty obligations under this Contract; and</li> </ol>

- e. training of the Procuring Entity's personnel, at the Supplier's plant and/or on-site, in assembly, start-up, operation, maintenance, and/or repair of the supplied Goods.

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

**Spare Parts –**

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

- a. such spare parts as the Procuring Entity may elect to purchase from the Supplier, provided that this election shall not relieve the Supplier of any warranty obligations under this Contract; and
- b. in the event of termination of production of the spare parts:
  - i. advance notification to the Procuring Entity of the pending termination, in sufficient time to permit the Procuring Entity to procure needed requirements; and
  - ii. following such termination, furnishing at no cost to the Procuring Entity, the blueprints, drawings, and specifications of the spare parts, if requested.

The spare parts and other components required are listed in *Section VI (Schedule of Requirements)* and the cost thereof are included in the contract price.

The Supplier shall carry sufficient inventories to assure ex-stock supply of consumable spare parts or components for the Goods within the next ten (10) years from the delivery of goods.

**Packaging –**

The Supplier shall provide such packaging of the Goods as is required to prevent their damage or deterioration during transit to their final destination, as indicated in this Contract. The packaging shall be sufficient to withstand, without limitation, rough handling during transit and exposure to extreme temperatures, salt and precipitation during transit, and open storage. Packaging case size and weights shall take into consideration, where appropriate, the remoteness of the Goods' final destination and the absence of heavy handling facilities at all points in transit.

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

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

Name of the Procuring Entity

Name of the Supplier

Contract Description

Final Destination

Gross weight

Any special lifting instructions

Any special handling instructions

Any relevant HAZCHEM classifications

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

**Transportation –**

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

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

Where the Supplier is required under Contract to deliver the Goods CIF, CIP or DDP, Goods are to be transported on carriers of Philippine registry. In the event that no carrier of Philippine registry is available, Goods may be shipped by a carrier which is not of Philippine registry provided that the Supplier obtains and presents to the Procuring Entity certification to this effect from the nearest Philippine consulate to the port of dispatch. In the event that carriers of Philippine registry are available but their schedule delays the Supplier in its performance of this Contract the period from when the Goods were first ready for shipment and the actual date of shipment the period of delay will be considered force majeure.

**Intellectual Property Rights –**

The Supplier shall indemnify the Procuring Entity against all third-party claims of infringement of patent, trademark, or industrial design rights arising from use of the Goods or any part thereof.

2.2	Partial payment is not allowed.
4	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.
5	<p><i>Warranty Period:</i></p> <p>At least one (1) year against manufacturing defects, equipment parts and all accessories upon acceptance by the Procuring Entity/End-user.</p>

## *Section VI. Schedule of Requirements*

Item Number	Description	Quantity	Total	Delivered, Weeks/Months
	<i>Four (4) Lots Technical and Scientific Equipment for the Health Physics Research Section</i>			One hundred twenty (120) calendar days
1.	<i>Liquid Scintillation Counter System</i>	1 lot		
2.	<i>Gamma Spectroscopy Detector System</i>	1 lot		
3.	<i>Complete and Fully Functional Liquid Nitrogen Plant with Water-Cooled System</i>	1 lot		
4.	<i>Radiation Survey Meter with Alpha/Beta/Gamma Probe</i>	1 lot		

*Company's Name:* \_\_\_\_\_

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

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



# *Section VII. Technical Specifications*

## **Technical Specifications**

Item	Specification	Statement of Compliance
1.	<p><b><i>Four (4) Lots Technical and Scientific Equipment for Health Physics Research Section</i></b></p> <p><b><i>One (1) Lot Liquid Scintillation Counter System</i></b></p> <ul style="list-style-type: none"> <li>• <i>Features:</i> <ul style="list-style-type: none"> <li>- With time-resolved mode for high sensitivity, low background liquid scintillation counting</li> <li>- Can determine absolute activity level of a sample</li> <li>- With system software for performing unlimited assays in a secure multiuser environment</li> <li>- Can efficiently separate alpha and beta counts in mixed samples</li> <li>- Can provide higher resolution of alpha-beta separation with up to 90% reduction in time required to count alpha/beta standards compared to legacy method</li> <li>- Can reduce isotope spillover and increase quality metric for maximum sensitivity and lowest minimum detectable activity</li> <li>- With ultralow level count mode for increased system sensitivity</li> <li>- Can decrease the component of background produced by optical crosstalk</li> <li>- With spectral analysis package for determination of optimal counting regions and calculation of figure of merit automatically</li> <li>- With database for monitoring of efficiencies, backgrounds, E2/B and Chi-square values for tritium and carbon-14 over the life of the instrument</li> <li>- Can reanalyze sample counts without recounting samples</li> </ul> </li> </ul>	

- Can ensure accuracy of tracking lower energy sample spectra over a wide quench range
- Can store rejected events for future analysis
- With bi-directional sample conveyer with a capacity of minimum of up to 408 (20-mL vials) or 720 (4- or 7-mL vials)
- With sample cassette for intermixing vial sizes without special adapters
- With operational-status LED indicator for clear assay status updates at a glance
- With built-in computer with compatible updated operating system (latest highest model/specifications)
- Benchtop operation

• *Inclusions:*

- Liquid scintillation cocktail
  - For ultralow level liquid scintillation counting applications
  - Ideal for environmental samples
  - Sample type: liquid (aqueous) and solid (soluble)
  - Contains no biogenic materials
  - With high efficiency and good sample uptake
  - Minimum of 10 L
- Low-level quenched standards for tritium
  - Set of eight standards in 20-mL vials
  - Average activity:  $1 \times 10^5$  DPM/vial
  - Must be compatible with the provided liquid scintillation cocktail
- 20-mL low diffusion anti-static polyethylene vial with cap (at least 100 pcs or more)
  - Height with cap: At least 60.8 mm
  - Diameter: At least 27.0 mm
  - Wall thickness: At least 1 mm
  - Temperature resistance: up to 80°C
  - With high counting efficiency and low background
  - Combustible for easier waste disposal
  - No solvent permeation with safer, high-flash point cocktails
  - Minimum of 400 vials

	<ul style="list-style-type: none"> <li>- Heavy-duty AVR and UPS compatible with the equipment</li> <li>• <i>Energy range: 0-2,000 keV</i></li> <li>• <i>Minimum acceptable efficiency for normal counting mode: 63% for tritium (0-18.6 keV) and 95% for carbon-14 (0-156 keV) or better</i></li> <li>• <i>Average background observed for normal counting mode: 17 CPM for tritium (0-18.6 keV) and 26 CPM for carbon-14 (0-156 keV) or better</i></li> <li>• <i>Figure of merit (E2/B) for normal counting mode: 180 for tritium (0-18.6 keV) and 360 for carbon-14 (4-156 keV) or better</i></li> <li>• <i>Figure of merit (E2/B) for ultra-low level counting mode: 500 for tritium (1-12.5 keV) and 940 for carbon-14 (14.5-97.5 keV) or better</i></li> <li>• <i>Dimensions (H x W x D): At least 18.5" x 40.5" x 44" (47 cm x 103 cm x 112 cm)</i></li> <li>• <i>Electrical requirements: 100-240 VAC, 50/60 Hz, 3- prong grounded plug</i></li> <li>• <i>Power consumption: &lt;800 VA</i></li> <li>• <i>Operating ambient temperature: 15°C to 32°C (59°F to 90°F)</i></li> <li>• <i>Includes shipping, importation duties and taxes, 12% VAT, and delivery to Philippine Nuclear Research Institute</i></li> <li>• <i>Includes installation, commissioning, and submission of testing report subject for review and acceptance of the End-user</i></li> <li>• <i>Includes local training on repair, maintenance, and regular operation and calibration, and after sales service and support</i></li> <li>• <i>Includes submission of certificate from the manufacturer that the equipment has passed QA/QC before payment</i></li> <li>• <i>With full warranty of at least one (1) year for parts and services</i></li> </ul>	
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2. ***One (1) Lot Gamma Spectroscopy Detector System***

• ***Components***

- P-type High Purity Germanium (HPGe) detector
  - Actual crystal diameter: At least  $68 \pm 2$  mm
  - Actual crystal length: At least 62 mm
  - Maximum energy resolution (FWHM) @ 5.9 keV: 800 eV or better
  - Typical energy resolution (FWHM) @ 14.4 keV: 825 eV or better
  - Maximum energy resolution (FWHM) @ 122 keV: 900 eV or better
  - Maximum energy resolution (FWHM) @ 1.33 MeV: 1.9 keV or better
  - Typical peak shape (FW.1M/FWHM): 1.9 or better
  - Typical peak shape (FW.02M/FWHM): 2.60 or better
  - Minimum peak to Compton: 66 or better
  - Minimum relative efficiency: 50% or better
  - Endcap diameter: At least 83 mm
  - With vertical cryostat (dipstick type)
  - With carbon fiber endcap for low background option
  
- Digital signal processing system with detector interface module
  - Single multichannel analyzer (MCA)
  - Highly stable against variations in count rate and temperature
  - Automated set-up: Automatic Pole Zero Adjust, Baseline Restorer, and Optimize
  - Digital spectrum stabilizer
  - USB 2.0 and Ethernet (TCP/IP) connectivity
  - High throughput capabilities for high count rate applications
  - Large front panel display for at-a-glance system status information
  - Support for all HPGe detector types, old and new
  - 16k ADC Conversion Gain
  - Loss Free or Zero Dead Time (ZDT)
  - Enhanced Throughput Mode
  - List Mode
  - Ballistic Deficit and Charge Trapping Correction
  - Low-Frequency Rejector (LFR)

- Dimensions (W x D x H): At least 16.75" x 14" x 6" (42.55 cm x 35.56 cm x 15.24 cm)
- Multichannel analyzer emulation software
- All-inclusive gamma spectroscopy application software for high and low-resolution gamma spectrometer systems
- Desktop computer
  - At least i5 processor or higher specifications
  - At least 8 GB memory or higher specifications
  - At least 1 TB hard disk drive with HDMI and USB ports
  - With keyboard, mouse, and at least 21.5" monitor screen
- Multifunction printer (print, scan, copy) with refillable inkjet tank
- AVR (at least 2 kVA)
- Condensing liquid nitrogen cooling system (with cryocycling capability)
  - Dewar capacity: At least 25 L, excluding detector dipstick volume
  - Cooler: With passive vibration dampening
  - Auxiliary cooling: internal fan
  - Audible noise: less than 60 dB (A) at 1 m fully operational, below 30°C ambient
  - Electrical supply: 100-240 VAC, 50 to 60 Hz
  - Normal power consumption: 125 W typical, 350 W maximum
  - Dimensions (H x OD): At least 25.8" x 17.2" (65.4cm x 43.7cm)
  - Operating temperature: 0°C to 40°C, 20%-90% relative humidity, non-condensing
- Additional UPS for the condensing liquid nitrogen cooling system (at least 5kVA)
- Additional 30-L dewar with liquid nitrogen transfer collar
- High-performance low-background top loading lead shield
  - Shielded cavity dimensions (Inside Diameter x Height): At least 28cm x 40cm (11" x 16")
  - Shielding type: Solid-cast reprocessed lead with steel casing and graded-Z liner
  - Shielding specifications: At least 12.7 mm (0.5 in.) low-carbon steel casing, at least 101mm (4 in.) reprocessed lead, at least 0.5

	<p>mm (0.02 in.) tin sheet liner, at least 1.6mm (0.064 in.) soft-copper sheet liner</p> <ul style="list-style-type: none"> <li>◦ Support stand material: low-carbon steel square tubing and plate</li> </ul> <p>- RSS3 and RSS8 exempt quantity sealed radioactive source sets for calibration</p> <p>- Multinuclide standard, 1000 mL</p> <ul style="list-style-type: none"> <li>◦ Activity: 49.21 kBq (1.33 μCi)</li> <li>◦ Activity tolerance: ±15%</li> <li>◦ Radionuclides: Cd-109, Co-57, Te-123m, Cr-51, Sn-113, Sr-85, Cs-137, Co-60, Y-88, Am-241, Pb-210</li> <li>◦ Matrix: 1.0 g/cc epoxy</li> <li>◦ Container: Marinelli beaker (calibrated, NIST-traceable)</li> </ul> <p>- Multinuclide standard, 250 mL</p> <ul style="list-style-type: none"> <li>◦ Activity: 49.21 kBq (1.33 μCi)</li> <li>◦ Activity tolerance: ±15%</li> <li>◦ Radionuclides: Cd-109, Co-57, Te-123m, Cr-51, Sn-113, Sr-85, Cs-137, Co-60, Y-88, Am-241, Pb-210</li> <li>◦ Matrix: 1.0 g/cc epoxy</li> <li>◦ Container: Wide mouth polyethylene bottle (calibrated, NIST-traceable)</li> </ul> <ul style="list-style-type: none"> <li>• <i>With training at manufacturer site on troubleshooting, software use, and data analysis for two (2) personnel of Philippine Nuclear Research Institute (includes training course fee, visa application costs, flights, accommodation, meals, expenses, and transportation)</i></li> <li>• <i>Includes shipping, importation duties and taxes, 12% VAT, and delivery to Philippine Nuclear Research Institute</i></li> <li>• <i>Includes installation, commissioning, and submission of testing report subject for review and acceptance of End-user</i></li> <li>• <i>Includes local training on repair, maintenance, and regular operation and calibration, and after sales service and support</i></li> </ul>	
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- *Includes submission of certificate from the manufacturer that the equipment has passed QA/QC before payment*
- *With full warranty of at least two (2) years for P-type High Purity Germanium (HPGe) detector, condensing liquid nitrogen cooling system with cryocycling capability, and related services*
- *With full warranty of at least one (1) year for other parts and services*

3. ***One (1) Lot Complete and Fully Functional Liquid Nitrogen Plant with Water-Cooled System***

- *Modular and with membrane-type technology*
- *Liquid nitrogen production rate: At least 40 L/day (1.7 L/hr); 10.6 gal/day (0.44 gal/hr)*
- *Components:*
  - *Dewar assembly*
    - *Capacity: At least 160 L (42 gal)*
    - *Empty weight: At least 260 lb (118 kg)*
    - *Full weight: At least 545 lb (247 kg)*
    - *Dimensions (OD x H): At least 24 in x 60 in (61 cm x 152 cm)*
  - *Cold head mounted on dewar*
  - *Helium compressor, water-cooled*
    - *Weight: At least 262 lb (119 kg)*
    - *Dimensions (L x W x H): At least 23 in x 21 in x 26 in (58 cm x 53 cm x 66 cm)*
    - *Electrical rating: 220/230; 460 VAC, 3 Ph, 60 Hz // 200/220; 380/420 VAC, 3 Ph, 50 Hz*
    - *Power consumption: 5.5 kW // 4.6 kW*
    - *Cooling water flow rate: minimum flow 1.6 GPM (6 LPM) @ 80°F (27°C) maximum temperature*
  - *Helium flexible lines*
    - *Standard length: At least 10 ft (3 m)*
    - *Weight per pair: At least 9.2 lb (4.2 kg)*
  - *Nitrogen generator assembly*
    - *Nitrogen purity: 98% or better*
    - *Weight: At least 66 lb (30 kg)*

- Dimensions (L x W x H): At least 42 in x 7 in x 29 in (107 x 18 x 74 cm)
- Nitrogen gas flow rate: At least 0.76 SCFM at 7 PSIG (12.6 LPM at 0.5 bar)
- Air compressor
  - Flow rate: At least 6.3 ACFM at 175 PSIG (178 ALPM at 12.1 bar) FAD
  - Weight: At least 500 lb (227 kg)
  - Dimensions (L x W x H): At least 53 in x 28 in x 48 in (135 cm x 71 cm x 122 cm)
  - Duty cycle: 1/3
  - Horsepower: 3
  - Electrical rating: 208/230; 460 VAC, 3 Ph, 60 Hz // 220; 380 VAC, 3 Ph, 50 Hz
  - Sound level: 74 dBA @ 1 m
- Refrigerated air dryer
  - Nominal capacity: At least 15 SCFM (425 SLPM)
  - Weight: At least 44 lb (20 kg)
  - Dimensions (L x W x H): At least 18 in x 8 in x 18 in (46 cm x 20 cm x 46 cm).
  - Power consumption: 0.23 kW
  - Electrical rating: 115 VAC, 1 Ph, 60 Hz; 230 VAC, 1 Ph, 50 Hz
- Water chiller
  - Cooling capacity: 12.2 kW
  - Operating ambient temperature: -20°C to 45°C
  - Operating temperature range: 3°C to 35°C
  - Control accuracy: +/- 0.1°C (during periods of stable load: +/- 0.5°C)
  - Power consumption: 5.4 kW
  - Electric current: 16.5 A
  - Power capacity: 7.0 kVA
  - Breaker capacity: 30 A
  - Compressor output: 1.7 kW
  - Condenser: fin and tube forced air cooling
  - Heat exchanger: plate type heat exchanger
  - Material: SUS 316 grade stainless steel (brazing: Cu)
  - Discharge pump output: 1.1 kW (inverter-controlled)
  - Flow rate discharge: At least 15-60 L/min
  - Fan Motor Output: 0.4 kW (inverter-controlled)
  - Water Tank capacity: At least 60 L
  - Operations method: compressor speed control
  - Refrigerant: R410-A



<ul style="list-style-type: none"> <li>• <i>System parameters:</i> <ul style="list-style-type: none"> <li>- Helium pressure: At least 200 ± 5 PSIG (13.8 ± .34 bar) @ 60 Hz; At least 200 ± 5 PSIG (13.8 ± .34 bar) @ 50 Hz</li> <li>- Ambient temperature range: 45°F to 100°F (7°C to 38°C)</li> <li>- Maximum altitude (standard liquid nitrogen plant): 10,000 ft (3000 m)</li> </ul> </li> <li>• <i>Includes the following service kits:</i> <ul style="list-style-type: none"> <li>- Liquid Nitrogen Plant Equipment Service Kit</li> <li>- Standard Air Compressor Service Kit</li> <li>- Installation Tool Kit</li> <li>- Installation Spare Parts Kit</li> <li>- Installation and Operation Manual</li> </ul> </li> <li>• <i>With the following additional inclusions:</i> <ul style="list-style-type: none"> <li>- 2 units CCTV camera <ul style="list-style-type: none"> <li>◦ Supports AI human detection alarm</li> <li>◦ Supports fulltime loop recording or alarm recording</li> <li>◦ Supports PTZ: rotates 270° horizontally and 90° vertically</li> <li>◦ Supports three-night mode settings: black light full color/infrared night vision/double light warning</li> <li>◦ Supports AP direct connection/wireless connection/wired connection</li> <li>◦ Number of storage days: 32 GB recording for about 6-8 days/64 GB recording for about 10-12 days/128 GB recording for about 20-22 days</li> </ul> </li> <li>- 2 units split-type aircon (2.0-2.5 hp) with built-in timer (24h cycle)</li> <li>- 2 units dehumidifier <ul style="list-style-type: none"> <li>◦ Dehumidifying capacity: At least 20 L/day</li> <li>◦ Amount of airflow: At least 150 cubic meters/hr</li> <li>◦ Operating range temperature: 5°C to 38°C</li> <li>◦ Humidity (RH%): 40%-70%</li> </ul> </li> <li>- 2 units temperature/humidity meter <ul style="list-style-type: none"> <li>◦ Dimensions (W x H): At least 0.84" x 2.62"</li> <li>◦ Weight: At least 2.72 oz</li> <li>◦ Mounting type: tabletop</li> </ul> </li> </ul> </li> </ul>	
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	<ul style="list-style-type: none"> <li>- Heavy-duty AVR and UPS compatible with the equipment</li> <li>• <i>With training at manufacturer site on troubleshooting, repair, and maintenance for 1 personnel of Philippine Nuclear Research Institute (includes training course fee, visa application costs, flights, accommodation, meals, expenses, and transportation)</i></li> <li>• <i>Includes shipping, importation duties and taxes, 12% VAT, and delivery to Philippine Nuclear Research Institute</i></li> <li>• <i>Includes installation, commissioning, and submission of testing report subject for review and acceptance of the End-user</i></li> <li>• <i>Includes local training on repair, maintenance, and regular operation and calibration and after sales service and support</i></li> <li>• <i>Includes submission of certificate from the manufacturer that the equipment has passed QA/QC before payment</i></li> <li>• <i>With full warranty of at least two (2) years for the liquid nitrogen plan system and related services</i></li> <li>• <i>With full warranty of at least one (1) year for additional inclusions and related services</i></li> </ul> <p>4. <b><i>One (1) Lot consisting of Two (2) Units Radiation Survey Meter with Alpha/ Beta/ Gamma Probe</i></b></p> <ul style="list-style-type: none"> <li>• <i>Survey meter must have the following characteristics:</i> <ul style="list-style-type: none"> <li>- Radiological characteristics <ul style="list-style-type: none"> <li>◦ Radiation detected: gamma and X-rays / alpha and beta radiation with external probes</li> <li>◦ Operational quantity: ambient dose equivalent H*(10)</li> <li>◦ Detector: one energy-compensated GM tube</li> </ul> </li> </ul> </li> </ul>	
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- Dose rate measurement range: 0.05  $\mu\text{Sv/h}$  to 100  $\text{mSv/h}$  (5  $\mu\text{rem/h}$  to 10  $\text{rem/h}$ )
- Dose measurement range: 0.1  $\mu\text{Sv}$  to 10  $\text{Sv}$  (0.01  $\text{mrem}$  to 1000  $\text{rem}$ )
- Dose rate linearity: -15% to +22% 0.3  $\mu\text{Sv/h}$  to 0.1  $\text{Sv/h}$  (0.03  $\text{mrem/h}$  to 10  $\text{rem/h}$ )
- Mechanical characteristics
  - With case made of high impact durable glass fiber reinforced polymer and drop tested from 1 m height on concrete floor on each side
  - Ergonomic design (rubber grip around the case)
  - With Binder-702 series connector
  - Enclosure class: IP67 (IEC 60529), including battery compartment
  - Dimensions: At least 116 mm x 72 mm x 32 mm (4.57" x 2.83" x 1.26")
  - With wrist strap and battery covers with and without a belt clip
- Electrical and environmental characteristics
  - Power supply: batteries 2 x AA/LR6, alkaline, or NiMH
  - With contacts for external power and charging of NiMH battery
  - Alarm audio level: 86 dBA at 30 cm
  - Operating temperature:  $-25^{\circ}\text{C}$  to  $+60^{\circ}\text{C}$  ( $-13^{\circ}\text{F}$  to  $140^{\circ}\text{F}$ )
  - Storage temperature  $-40^{\circ}\text{C}$  to  $+70^{\circ}\text{C}$  ( $-40^{\circ}\text{F}$  to  $158^{\circ}\text{F}$ )
  - Relative humidity: 10% to 95% at  $+35^{\circ}\text{C}$  ( $95^{\circ}\text{F}$ )
- Other functional characteristics
  - With 4-way navigation keys and practical shortcuts
  - Intuitive user interface
  - With large graphic screen and configurable backlight
  - With automatic display rotation using tilt sensor
  - With internal memory that allows versatile histogram functions and manual storage of measurements
  - Can perform configuration and firmware upgrade through a software with a USB cable-link
  - Communication protocols: USB and Bluetooth
  - Complies with IEC 60846 standards and designed to meet ANSI 42.17A and 42.17C standards

- *Alpha/beta/gamma probe must have the following characteristics:*
  - Radiological characteristics
    - Unit to display: depending on survey meter
    - Emitters: alpha, beta and gamma
    - Detector: Geiger-Mueller with halogen quench thin mica end window (1.8 to 2.0 mg/cm<sup>2</sup>)
    - Detection area: At least 15.5 cm<sup>2</sup>
    - Protection grid transparency: 76%
    - Measurement range: 1 to 9999 c/s, 60 to 600 000 CPM
    - Display range: 0.1 to 9999 c/s, 0.1 CPM to 600 kCPM
    - Activity equivalent range: depending on calibration emitter
    - Gamma sensitivity for <sup>137</sup>Cs: 6.4 c/s per μGy/h (3840 CPM per mR/h) or better
    - Dead time: detector = 50 μs, probe = 50 μs
    - Energy: >2.6 MeV for alpha, >30 keV for beta, >5 keV for gamma
    - With the following typical efficiency over 2π for the specified radionuclide:
      - <sup>14</sup>C (beta emitter): 17%
      - <sup>60</sup>Co (beta and gamma emitter): 31%
      - <sup>36</sup>Cl (beta emitter): 50%
      - <sup>90</sup>Sr+<sup>90</sup>Y (beta emitter): 51%
      - <sup>241</sup>Am (alpha emitter): 35%
      - <sup>239</sup>Pu (alpha emitter): 25%
  - Other functional characteristics
    - Display: provided by survey meter
    - Alarm setpoints: 10 values for each unit to display which can be saved in probe memory and changed with a software and a PC
    - Ambient background: 1 c/s in <0.1 μGy/h ambiance (typical = 0.8 c/s)
    - Electrical power: supplied by host instrument (low voltage only)
    - Electrical consumption: 8 mA maximum
    - Housing: ABS polycarbonate molded
    - Dimensions (length with connector x detector diameter x body diameter): At least 205 mm x 70 mm x 42 mm (8.1" x 2.8" x 1.7")
    - Temperature: -10°C to +50°C (+14°F to +122°F)
    - Relative humidity: 40% to 85% at 35°C °x.  
Compliant with IEC 60325 and ANSI N42.17A

	<ul style="list-style-type: none"> <li>• <i>Includes the following accessories:</i> <ul style="list-style-type: none"> <li>- Cable for connecting probe to survey meter</li> <li>- Separate cables for connecting survey meter and probe to PC</li> <li>- Separate calibration software for survey meter and probe</li> <li>- Probe bracket with holder</li> </ul> </li> <li>• <i>Includes shipping, importation duties and taxes, 12% VAT, and delivery to Philippine Nuclear Research Institute</i></li> <li>• <i>Includes commissioning and submission of testing report subject for review and acceptance of the End-user</i></li> <li>• <i>Includes local training on repair, maintenance, and regular operation and calibration and after sales service and support</i></li> <li>• <i>Includes submission of certificate from the manufacturer that the equipment has passed QA/QC before payment</i></li> <li>• <i>With full warranty of at least 1 year for parts and service</i></li> </ul>	
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**Company's Name:** \_\_\_\_\_

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

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

# ***Section VIII. Checklist of Technical and Financial Documents***

## **Checklist of Technical and Financial Documents**

### **I. TECHNICAL COMPONENT ENVELOPE**

#### ***Class “A” Documents***

##### **Legal Documents**

- (a) Valid PhilGEPS Registration Certificate (Platinum Membership) (all pages); **and**
- (b) Registration certificate from Securities and Exchange Commission (SEC) with latest General Information Sheet (GIS) , Department of Trade and Industry (DTI) for sole proprietorship, or Cooperative Development Authority (CDA) for cooperatives or its equivalent document, **and**
- (c) Mayor’s or Business permit issued by the city or municipality where the principal place of business of the prospective bidder is located, or the equivalent document for Exclusive Economic Zones or Areas; **and**
- (d) Tax clearance per E.O. No. 398, s. 2005, as finally reviewed and approved by the Bureau of Internal Revenue (BIR).

##### **Technical Documents**

- (f) Statement of the prospective bidder of all its ongoing government and private contracts, including contracts awarded but not yet started, if any, whether similar or not similar in nature and complexity to the contract to be bid; **and**
- (g) Statement of the bidder’s Single Largest Completed Contract (SLCC) similar to the contract to be bid, except under conditions provided for in Sections 23.4.1.3 and 23.4.2.4 of the 2016 revised IRR of RA No. 9184, within the relevant period as provided in the Bidding Documents; **and**
- (h) Original copy of Bid Security. If in the form of a Surety Bond, submit also a certification issued by the Insurance Commission; **or**  
Original copy of Notarized Bid Securing Declaration; **and**
- (i) Conformity with the Technical Specifications, which may include production/delivery schedule, manpower requirements, and/or after-sales/parts, if applicable; **and**
- (j) Original duly signed Omnibus Sworn Statement (OSS); **and** if applicable, Original Notarized Secretary’s Certificate in case of a corporation, partnership, or cooperative; or Original Special Power of Attorney of all members of the joint venture giving full power and authority to its officer to sign the OSS and do acts to represent the Bidder.

- (k) Bid Bulletin (*if applicable*)

Financial Documents

- (l) The Supplier's audited financial statements, showing, among others, the Supplier's total and current assets and liabilities, stamped "received" by the BIR or its duly accredited and authorized institutions, for the preceding calendar year which should not be earlier than two (2) years from the date of bid submission (2022 and 2023); **and**
- (m) The prospective bidder's computation of Net Financial Contracting Capacity (NFCC);  
**or**  
A committed Line of Credit from a Universal or Commercial Bank in lieu of its NFCC computation.

***Class "B" Documents***

- (n) If applicable, a duly signed joint venture agreement (JVA) in case the joint venture is already in existence.  
**or**  
duly notarized statements from all the potential joint venture partners stating that they will enter into and abide by the provisions of the JVA in the instance that the bid is successful.

Other documentary requirements under RA No. 9184 (as applicable)

- (o) [*For foreign bidders claiming by reason of their country's extension of reciprocal rights to Filipinos*] Certification from the relevant government office of their country stating that Filipinos are allowed to participate in government procurement activities for the same item or product.
- (p) Certification from the DTI if the Bidder claims preference as a Domestic Bidder or Domestic Entity.

**II. FINANCIAL COMPONENT ENVELOPE**

- (a) Original of duly signed and accomplished Financial Bid Form; **and**
- (b) Original of duly signed and accomplished Price Schedule(s).

# *Bidding Forms*

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Name of Procuring Entity: **PHILIPPINE NUCLEAR RESEARCH INSTITUTE**  
 Name of the Project: **Procurement of Four (4) Lots Technical and Scientific Equipment for Health Physics Research Section**  
 Location of the Project: **PNRI Compound, Commonwealth Ave., Diliman, Quezon City**

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

Business Name : \_\_\_\_\_  
 Business Address : \_\_\_\_\_

Name of Contract/ Project Cost	Owner Name Address Telephone Nos.	Nature of Work	Contractor's Role		a. Date Awarded b. Date Started c. Date of Completion	% of Accomplishment		Value of Outstanding Works/ Undelivered Portion
			Description	%		Planned	Actual	
<u>Government</u>								
<u>Private</u>								
<b>Total Cost</b>								

Note: This statement shall be supported with:  
 1 Notice of Award and/or Contract; or  
 2 Notice to Proceed issued by the owner

Submitted by : \_\_\_\_\_  
 Designation : \_\_\_\_\_ (Printed Name & Signature)  
 Date : \_\_\_\_\_

Name of Procuring Entity: **PHILIPPINE NUCLEAR RESEARCH INSTITUTE**  
 Name of the Project: **Procurement of Four (4) Lots Technical and Scientific Equipment for Health Physics Research Section**  
 Location of the Project: **PNRI Compound, Commonwealth Avenue, Diliman, Quezon City**

**Statement of Single Largest Completed Contracts (SLCC) in the last three (3) years**

Business Name : \_\_\_\_\_  
 Business Address : \_\_\_\_\_

Name of Contract	d. Owner Name e. Address f. Telephone Nos.	Nature of Work	Contractor's Role		d. Amount at Award e. Amount at Completion f. Duration	a. Date Awarded b. Contract Effectivity c. Date Completed
			Description	%		
<u>Government</u>						
<u>Private</u>						

Note: This statement shall be supported with:  
 1 End-user's Acceptance; or  
 2 Official Receipt(s) issued for the Contract

Submitted by : \_\_\_\_\_  
 (Printed Name & Signature)  
 Designation : \_\_\_\_\_  
 Date : \_\_\_\_\_

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

**X-----X**

**BID-SECURING DECLARATION**  
**Project Identification No.: [Insert number]**

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

I/We, 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 procurement contract with any procuring entity for a period of two (2) years upon receipt of your Blacklisting Order; and, (b) I/we will pay the applicable fine provided under Section 6 of the Guidelines on the Use of Bid Securing Declaration within fifteen (15) from the receipt of the written demand by the procuring entity for the commission of acts resulting to the enforcement of the bid securing declaration under Section 23.1(b), 34.2, 40.1 and 69.1, except 69.1(f), of the IRR of RA No. 9184, without prejudice to other legal action the government may undertake.
3. I/We understand that this Bid-Securing Declaration shall cease to be valid on the following circumstances:
  - (a) Upon expiration of the bid validity period, or any extension thereof pursuant to your request;
  - (b) I am/we are declared ineligible or post-disqualified upon receipt of your notice to such effect, and (i) I/we failed to timely file a request for reconsideration or (ii) I/we filed a waiver to avail of said right; and
  - (c) I am/we are declared as the bidder with the Lowest Calculated and Responsive Bid, and I/we have furnished the performance security and signed the Contract.

**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

***[Jurat]***  
*[Format shall be based on the latest Rules on Notarial Practice]*

## 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:

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

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

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

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

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

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

3. *[Name of Bidder]* is not "blacklisted" or barred from bidding by the Government of the Philippines or any of its agencies, offices, corporations, or Local Government Units, foreign government/foreign or international financing institution whose blacklisting rules have been recognized by the Government Procurement Policy Board, by itself or by relation, membership, association, affiliation, or controlling interest with another blacklisted person or entity as defined and provided for in the Uniform Guidelines on Blacklisting;

4. Each of the documents submitted in satisfaction of the bidding requirements is an authentic copy of the original, complete, and all statements and information provided therein are true and correct;

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

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

*If a sole proprietorship:* I am not related to the Head of the Procuring Entity, members of the Bids and Awards Committee (BAC), the Technical Working Group, and the BAC Secretariat, the head of the Project Management Office or the end-

user unit, and the project consultants by consanguinity or affinity up to the third civil degree;

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

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

7. [Name of Bidder] complies with existing labor laws and standards; and
8. [Name of Bidder] is aware of and has undertaken the following responsibilities as a Bidder:
  - a) Carefully examine all of the Bidding Documents;
  - b) Acknowledge all conditions, local or otherwise, affecting the implementation of the Contract;
  - c) Made an estimate of the facilities available and needed for the contract to be bid, if any; and
  - d) Inquire or secure Supplemental/Bid Bulletin(s) issued for the [Name of the Project].
9. [Name of Bidder] did not give or pay directly or indirectly, any commission, amount, fee or any form of consideration, pecuniary or otherwise, to any person or official, personnel or representative of the government in relation to any procurement project or activity.
10. In case advance payment was made or given, failure to perform or deliver any of the obligations and undertakings in the contract shall be sufficient grounds to constitute criminal liability for Swindling (Estafa) or the commission of fraud with unfaithfulness or abuse of confidence through misappropriating or converting any payment received by a person or entity under an obligation involving the duty to deliver certain goods or services, to the prejudice of the public and the government of the Philippines pursuant to Article 315 of Act No. 3815 s. 1930, as amended, or the Revised Penal Code.

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

[Insert NAME OF BIDDER OR ITS AUTHORIZED REPRESENTATIVE]

[Insert signatory's legal capacity]  
Affiant

**[Jurat]**

[Format shall be based on the latest Rules on Notarial Practice]

Procuring Entity: **PHILIPPINE NUCLEAR RESEARCH INSTITUTE**  
Name of the Project: **Procurement of Four (4) Lots Technical and Scientific Equipment for Health Physics Research Section**  
Location of the Project: **PNRI Compound, Commonwealth Avenue, 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 \_\_\_\_\_



Procuring Entity: **PHILIPPINE NUCLEAR RESEARCH INSTITUTE**  
 Name of the Project: **Procurement of Four (4) Lots Technical and Scientific Equipment for Health Physics Research Section**  
 Location of the Project: **PNRI Compound, Commonwealth Avenue, 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 \_\_\_\_\_.

Signed in the Presence of:

\_\_\_\_\_

**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 \_\_\_\_\_

Procuring Entity: **PHILIPPINE NUCLEAR RESEARCH INSTITUTE**  
 Name of the Project: **Procurement of Four (4) Lots Technical and Scientific Equipment for Health Physics Research Section**  
 Location of the Project: **PNRI Compound, Commonwealth Avenue, 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:

NFCC = [Current Asset – Current Liabilities] (15) minus value of all outstanding works or uncompleted portions of the project 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

Submitted by:

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

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

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

**NOTE:**

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

# Bid Form

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

Project Identification No: \_\_\_\_\_

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

Having examined the Philippine Bidding Documents (PBDs) including the Supplemental or 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 PBDs for the sum of *[total bid amount in words and figures]* or the total calculated bid price, as evaluated and corrected for computational errors, and other bid modification in accordance with the Price Schedules attached herewith and made part of this Bid. The total bid price includes the cost of all taxes, such as, but not limited to: *[specify the applicable taxes, e.g. (i) value added tax (VAT), (ii) income tax, (iii) local taxes, and (iv) other fiscal levies and duties]*, which are itemized herein or in the Price Schedules,

If our Bid is accepted, we undertake:

- a. to deliver the goods in accordance with the delivery schedule specified in the Schedule of Requirements of the Philippine Bidding Documents (PBDs);
- b. to provide a performance security in the form, amounts, and within the times specified in the PBDs;
- c. to abide by the Bid Validity Period specified in PBDs it shall remain binding upon us 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 Calculated Bid or any Bid you may receive.

We certify/confirm that we comply with the eligibility requirements pursuant to the PBDs.

The undersigned is authorized to submit the bid on behalf of *[name of the bidder]* as evidenced by the attached *[state the written authority]*.

We acknowledge that failure to sign each and every page of this Bid Form, including the attached Schedule of Prices, shall be a ground for the rejection of our bid.

Name: \_\_\_\_\_

Legal capacity: \_\_\_\_\_

Signature: \_\_\_\_\_

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

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

