

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

BID DOCUMENTS

REPAIR AND UPGRADING OF MULTIPURPOSE GAMMA IRRADIATION FACILITY STORAGE AREA OF COBALT-60 FACILITY BUILDING

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

TABLE OF CONTENTS

GLOSS	SARY OF TERMS, ABBREVIATIONS AND ACRONYMS	3
SECTI	ON I. INVITATION TO BID	6
SECTI	ON II. INSTRUCTIONS TO BIDDERS	8
1	Scope of Bid	8
	2. Funding Information	
3	3. Bidding Requirements	
۷	4. Corrupt, Fraudulent, Collusive, Coercive, and Obstructive Practices	
4	5. Eligible Bidders	
(5. Origin of Associated Goods	9
	7. Subcontracts	
8	3. Pre-Bid Conference	
ç	P. Clarification and Amendment of Bidding Documents	10
1	10. Documents Comprising the Bid: Eligibility and Technical Components	
1	11. Documents Comprising the Bid: Financial Component	
1	2. Alternative Bids	11
1	13. Bid Prices	11
	14. Bid and Payment Currencies	
	15. Bid Security	
	16. Sealing and Marking of Bids	
	17. Deadline for Submission of Bids	
	18. Opening and Preliminary Examination of Bids	
	19. Detailed Evaluation and Comparison of Bids	
	20. Post Qualification	
2	21. Signing of the Contract	
SECTI	ON III. BID DATA SHEET	14
	ON IV. GENERAL CONDITIONS OF CONTRACT	
1	Scope of Contract	16
	2. Sectional Completion of Works	
	3. Possession of Site	
	4. The Contractor's Obligations	
4	5. Performance Security	
	5. Site Investigation Reports	
	7. Warranty	
	3. Liability of the Contractor	
	P. Termination for Other Causes	
	10. Dayworks	
	11. Program of Work	
	12. Instructions, Inspections and Audits	
	13. Advance Payment	
	14. Progress Payments	
1	15. Operating and Maintenance Manuals	
SECTI	ON V. SPECIAL CONDITIONS OF CONTRACT	20
	ON VIII. BILL OF QUANTITIES	

SECTION IX. CHECKLIST OF TECHNICAL AND FINANCIAL DOCUMENTS50	SECTION IX.	CHECKLIST	OF TECHNICAL	AND FINANCIAL	DOCUMENTS50
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Glossary of Terms, Abbreviations, and Acronyms

ABC – Approved Budget for the Contract.

ARCC – Allowable Range of Contract Cost.

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.

CDA – Cooperative Development Authority.

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])

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.

Contractor – is a natural or juridical entity whose proposal was accepted by the Procuring Entity and to whom the Contract to execute the Work was awarded. Contractor as used in these Bidding Documents may likewise refer to a supplier, distributor, manufacturer, or consultant.

CPI – Consumer Price Index.

DOLE – Department of Labor and Employment.

DTI – Department of Trade and Industry.

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]).

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.

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.

PCAB – Philippine Contractors Accreditation Board.

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.

 $\boldsymbol{SEC}-\boldsymbol{Securities}$ and Exchange Commission.

SLCC – Single Largest Completed Contract.

UN – United Nations.

Section I. Invitation to Bid

Republic of the Philippines
Department of Science and Technology

PHILIPPINE NUCLEAR RESEARCH INSTITUTE

Commonwealth Avenue, Diliman, Quezon City

INVITATION TO BID FOR THE REPAIR AND UPGRADING OF MULTIPURPOSE GAMMA IRRADIATION FACILITY STORAGE AREA OF COBALT-60 FACILITY BUILDING

- 1. The Philippine Nuclear Research Institute, through the General Appropriations Act (GAA) for 2022 intends to apply the sum of *Four Million Nine Hundred Ninety Nine Thousand Two Hundred Twenty Two Pesos and Twelve Centavos (₱4,999,222.12)* being the Approved Budget for the Contract (ABC) to payments under the contract for the project *Repair and Upgrading of Multipurpose Gamma Irradiation Facility Storage Area of Cobalt-60 Facility Building* under *PR No. 21-11-0859*. Bids received in excess of the ABC shall be automatically rejected at bid opening.
- The Philippine Nuclear Research Institute now invites bids for the above Procurement Project. Completion of the Works is *eighty (80) government working days*. Bidders should have completed 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 non-discretionary "*pass/fail*" criterion as specified in the 2016 revised Implementing Rules and Regulations (IRR) of Republic Act (RA) No. 9184.
- 4. Interested bidders may obtain further information from the Philippine Nuclear Research Institute and inspect the Bidding Documents at the address given below.
- 5. A complete set of Bidding Documents may be acquired by interested Bidders from 9:00 am to 5:00 pm on November 25 December 15, 2021, Monday thru Friday, from the Philippine Nuclear Research Institute and upon payment of a non-refundable fee, pursuant to the latest Guidelines issued by the GPPB, in the amount of Five Thousand Pesos (₱5,000.00) to the PNRI Cash Section, FAD.
 - It may also be downloaded from the website of the Philippine Government Electronic Procurement System (PhilGEPS) and the website of the Philippine Nuclear Research Institute, 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 *December* 03, 2021, Friday, 10:00 AM through videoconferencing/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 *Motorpool Area, PNRI Compound*, on or before *December 17, 2021, Friday, 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 16.
- 9. Bid opening shall be on *December 17, 2021, 1:30 PM* at the *Auditorium, NART, Building, PNRI Compound, through Video Conferencing.* A link will be provided to Bidders/bidders' representatives who choose to attend the activity upon manual submission of bids on the prescribed time.
- 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 Implementing Rules and Regulations (IRR) of RA No. 9184, without thereby incurring any liability to the affected bidder or bidders.
- 11. For further information, please refer to:

PHILIPPINE NUCLEAR RESEARCH INSTITUTE

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-Bids and Awards Committee

Section II. Instructions to Bidders

1. Scope of Bid

The Philippine Nuclear Research Institute invites Bids for the project Repair and Upgrading Multipurpose Gamma Irradiation Facility Storage Area of Cobalt-60 Facility Building.

The Procurement Project (referred to herein as "Project") is for the construction of Works, as described in Section VI (Specifications).

2. Funding Information

- 21. The GOP through the source of funding as indicated below for 2022 in the amount of Four Million Nine Hundred Ninety Nine Thousand Two Hundred Twenty Two Pesos and Twelve Centavos (\$\mathbb{P}4,999,222.12)\$
- 22 The source of funding is: NGA, the National Expenditures 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 Manual 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 invitation to bid 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 inspected the site, determined the general characteristics of the contracted Works and the conditions for this Project, such as the location and the nature of the work; (b) climatic conditions;

(c) transportation facilities; (c) nature and condition of the terrain, geological conditions at the site communication facilities, requirements, location and availability of construction aggregates and other materials, labor, water, electric power and access roads; and (d) 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, Coercive, and Obstructive Practices

The Procuring Entity, as well as the Bidders and Contractors, 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

- 51. Only Bids of Bidders found to be legally, technically, and financially capable will be evaluated.
- The Bidder must have an experience of having completed a Single Largest Completed Contract (SLCC) that is similar to this Project, equivalent to at least fifty percent (50%) of the ABC adjusted, if necessary, by the Bidder to current prices using the PSA's CPI, except under conditions provided for in Section 23.4.2.4 of the 2016 revised IRR of RA No. 9184.

A contract is considered to be "similar" to the contract to be bid if it has the major categories of work stated in the **BDS**.

- 53. For Foreign-funded Procurement, the Procuring Entity and the foreign government/foreign or international financing institution may agree on another track record requirement, as specified in the Bidding Document prepared for this purpose.
- 54. The Bidders shall comply with the eligibility criteria under Section 23.4.2 of the 2016 IRR of RA No. 9184.

6. Origin of Associated 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.

7. Subcontracts

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 fifty percent (50%) of the Project.

The Procuring Entity has prescribed that Subcontracting is not allowed.

- 7.1. [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 criterial 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.
- The Supplier may identify its subcontractor 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.

Subcontracting of any portion of the Project does not relieve the Contractor 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 Contractor'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 IX. Checklist of Technical and Financial Documents**.
- 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. 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.
- 103. A valid PCAB License is required, and in case of joint ventures, a valid special PCAB License, and registration for the type and cost of the contract for this Project. Any additional type of Contractor license or permit shall be indicated in the **BDS**.
- 104 A List of Contractor's key personnel (e.g., Project Manager, Project Engineers, Materials Engineers, and Foremen) assigned to the contract to be bid, with their complete qualification and experience data shall be provided. These key personnel must meet the required minimum years of experience set in the **BDS**.

105. A List of Contractor's major equipment units, which are owned, leased, and/or under purchase agreements, supported by proof of ownership, certification of availability of equipment from the equipment lessor/vendor for the duration of the project, as the case may be, must meet the minimum requirements for the contract set in the **BDS**.

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 IX. Checklist of Technical and Financial Documents**.
- Any bid exceeding the ABC indicated in paragraph 1 of the **IB** shall not be accepted.
- 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.

12. Alternative Bids

Bidders shall submit offers that comply with the requirements of the Bidding Documents, including the basic technical design as indicated in the drawings and specifications. Unless there is a value engineering clause in the **BDS**, alternative Bids shall not be accepted.

13. Bid Prices

All bid prices for the given scope of work in the Project as awarded shall be considered as fixed prices, and therefore not subject to price escalation during contract implementation, except under extraordinary circumstances as determined by the NEDA and approved by the GPPB pursuant to the revised Guidelines for Contract Price Escalation guidelines.

14. Bid and Payment Currencies

- 14.1. 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.
- Payment of the contract price shall be made in Philippine Pesos.

15. Bid Security

15.1. The Bidder shall submit a Bid Securing Declaration 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**.

The Bid and bid security shall be valid for *one hundred twenty (120) days*. Any bid not accompanied by an acceptable bid security shall be rejected by the Procuring Entity as non-responsive.

16. 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 to the given website 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.

17. Deadline for Submission of Bids

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**.

18. Opening and Preliminary Examination of Bids

181. 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.

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

19. Detailed Evaluation and Comparison of Bids

- 19.1. 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 conditions in the evaluation of Bids under Section 32.2 of 2016 revised IRR of RA No. 9184.
- If the Project allows partial bids, all Bids and combinations of Bids as indicated in the **BDS** 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 Security as required by **ITB** Clause 16 shall be submitted for each contract (lot) separately.

In all cases, the NFCC computation pursuant to Section 23.4.2.6 of the 2016 revised IRR of RA No. 9184 must be sufficient for the total of the ABCs for all the lots participated in by the prospective Bidder.

20. Post Qualification

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**.

21. Signing of the Contract

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**.

Section III. Bid Data Sheet Bid Data Sheet

ITB Clause	
5.2	The Bidder must have completed, within the period specified in the Invitation to Bid, a single contract that is similar to this Project, equivalent to at least fifty percent (50%) of the ABC. However, contractors under Small A and Small B categories without similar experience on the contract is allowed to bid since the ABC is not more than the Allowable Range of Contract Cost (ARCC) of their registration. Further, bidders whose offices are not based in Metro Manila should have completed projects within Metro Manila similar to the project to bid, so that the Procuring Entity can verify the quality of workmanship. For this purpose, contracts similar to the Project refer to General Building
7.1	Subcontracting is not allowed.
10.3	The Bidder must be a PCAB licensed contractor with <i>License Classification on General Building</i> at least <i>Category C or D</i> . The Bidder must also be a registered contractor for government projects with Size Range at least <i>Small B</i> for <i>Building and Industrial Plant</i> .
10.4	The minimum work experience requirements of key personnel to be assigned for the project shall be provided in the Key Personnel (Format of Bio-Data) form.
10.5	The minimum major equipment requirements for the project shall be provided in the List of Equipment, Owned or Leased and/or under Purchase Agreements, Pledged to the Proposed Contract form.
12	No further instructions.
15.1	The bid security shall be in the form of a Bid Securing Declaration or any of the following forms and amounts:
	a The amount of not less than P100,000.00 if bid security is in cash, cashier's/manager's check, bank draft/guarantee or irrevocable letter of credit;
	b. The amount of not less than P250,000.00 if bid security is in Surety Bond.
	If a surety bond will be used, the following are the requirements:
	 a. Must have the original receipt; b. Must be callable on demand; c. Certified by the Insurance Commission that the surety company is authorized to issue such security.

15.2	The Bid and bid security shall be valid for one hundred twenty (120) days
19.2	Partial bids are not allowed.
20	No further instructions.
21	Additional contract documents relevant to the Project to be submitted by the successful bidder: (1) Construction Schedule and S-curve (2) Manpower Schedule (3) Construction Methods (4) Equipment Utilization Schedule (5) Construction Safety and Health Program approved by the DOLE (6) PERT/CPM and (7) All Risk Insurance

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.

2. Sectional Completion of Works

If sectional completion is specified in the **Special Conditions of Contract (SCC)**, references in the Conditions of Contract to the Works, the Completion Date, and the Intended Completion Date shall apply to any Section of the Works (other than references to the Completion Date and Intended Completion Date for the whole of the Works).

3. Possession of Site

- 3.1 The Procuring Entity shall give possession of all or parts of the Site to the Contractor based on the schedule of delivery indicated in the SCC, which corresponds to the execution of the Works. If the Contractor suffers delay or incurs cost from failure on the part of the Procuring Entity to give possession in accordance with the terms of this clause, the Procuring Entity's Representative shall give the Contractor a Contract Time Extension and certifysuch sum as fair to cover the cost incurred, which sum shall be paid by Procuring Entity.
- If possession of a portion is not given by the above date, the Procuring Entity will be deemed to have delayed the start of the relevant activities. The resulting adjustments in contract time to address such delay may be addressed through contract extension provided under Annex "E" of the 2016 revised IRR of RA No. 9184.

4. The Contractor's Obligations

The Contractor shall employ the key personnel named in the Schedule of Key Personnel indicating their designation, in accordance with **ITB** Clause 10.3 and specified in the **BDS**, to carry out the supervision of the Works.

The Procuring Entity will approve any proposed replacement of key personnel only if their relevant qualifications and abilities are equal to or better than those of the personnel listed in the Schedule.

5. Performance Security

- 5.1. 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 of the forms prescribed in Section 39 of the 2016 revised IRR.
- 5.2. The Contractor, by entering into the Contract with the Procuring Entity, acknowledges the right of the Procuring Entity to institute action pursuant to RA No. 3688 against any subcontractor be they an individual, firm, partnership, corporation, or association supplying the Contractor with labor, materials and/or equipment for the performance of this Contract.

6. Site Investigation Reports

The Contractor, in preparing the Bid, shall rely on any Site Investigation Reports referred to in the SCC supplemented by any information obtained by the Contractor.

7. Warranty

- 7.1. In case the Contractor fails to undertake the repair works under Section 62.2.2 of the 2016 revised IRR, the Procuring Entity shall forfeit its performance security, subject its property(ies) to attachment or garnishment proceedings, and perpetually disqualify it from participating in any public bidding. All payables of the GOP in his favor shall be offset to recover the costs.
- 7.2. The warranty against Structural Defects/Failures, except that occasioned-on force majeure, shall cover the period from the date of issuance of the Certificate of Final Acceptance by the Procuring Entity. Specific duration of the warranty is found in the **SCC**.

8. Liability of the Contractor

Subject to additional provisions, if any, set forth in the **SCC**, the Contractor's liability under this Contract shall be as provided by the laws of the Republic of the Philippines.

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

9. Termination for Other Causes

Contract termination shall be initiated in case it is determined *prima facie* by the Procuring Entity that the Contractor has engaged, before, or during the implementation of the contract, in unlawful deeds and behaviors relative to contract acquisition and implementation, such as, but not limited to corrupt, fraudulent, collusive, coercive, and obstructive practices as stated in **ITB** Clause 4.

10. Dayworks

Subject to the guidelines on Variation Order in Annex "E" of the 2016 revised IRR of RA No. 9184, and if applicable as indicated in the SCC, the Dayworks rates in the Contractor's Bid shall be used for small additional amounts of work only when the Procuring Entity's Representative has given written instructions in advance for additional work to be paid for in that way.

11. Program of Work

- 11.1. The Contractor shall submit to the Procuring Entity's Representative for approval the said Program of Work showing the general methods, arrangements, order, and timing for all the activities in the Works. The submissions of the Program of Work are indicated in the SCC.
- The Contractor shall submit to the Procuring Entity's Representative for approval an updated Program of Work at intervals no longer than the period stated in the SCC. If the Contractor does not submit an updated Program of Work within this period, the Procuring Entity's Representative may withhold the amount stated in the SCC from the next payment certificate and continue to withhold this amount until the next payment after the date on which the overdue Program of Work has been submitted.

12. Instructions, Inspections and Audits

The Contractor shall permit the GOP or the Procuring Entity to inspect the Contractor's accounts and records relating to the performance of the Contractor and to have them audited by auditors of the GOP or the Procuring Entity, as may be required.

13. Advance Payment

The Procuring Entity shall, upon a written request of the Contractor which shall be submitted as a Contract document, make an advance payment to the Contractor in an amount not exceeding fifteen percent (15%) of the total contract price, to be made in lump sum, or at the most two installments according to a schedule specified in the **SCC**, subject to the requirements in Annex "E" of the 2016 revised IRR of RA No. 9184.

14. Progress Payments

The Contractor may submit a request for payment for Work accomplished. Such requests for payment shall be verified and certified by the Procuring Entity's Representative/Project Engineer. Except as otherwise stipulated in the **SCC**, materials and equipment delivered on the site but not completely put in place shall not be included for payment.

15. Operating and Maintenance Manuals

- **15.1.** If required, the Contractor will provide "as built" Drawings and/or operating and maintenance manuals as specified in the **SCC.**
- 15.2. If the Contractor does not provide the Drawings and/or manuals by the dates stated above, or they do not receive the Procuring Entity's Representative's approval, the Procuring Entity's Representative may withhold the amount stated in the **SCC** from payments due to the Contractor.

Section V. Special Conditions of Contract Special Conditions of Contract

GCC Clause		
2	The Intended Completion Date is May 2022.	
3.1	No further instructions.	
4	The Contractor shall employ the following Key Personnel:	
	(a) Registered Civil Engineer (b) Registered Electrical Engineer (c) Foreman (with 5 years supervisory experience) (d) Skilled Workers (Carpenter Mason, Electrician, Plumber and Welder with at least 5 yrs. experience)	
	Note: Foreman and workers are required to be full time/present on site throughout the duration of the contract.	
	The Contractor shall provide appropriate PPE to workers and to all other persons who are either authorized or allowed to be at the site.	
5	Within seven (7) calendar days from receipt of the Notice of Award, the successful Bidder shall furnish the performance security in any of the forms prescribed in Section 39 of the 2016 revised IRR or a Performance Securing Declaration.	
6	A Site Inspection is required to prospective bidders. A Certificate of Site Inspection shall be issued by PNRI and will form part of Eligibility Requirements.	
7.2	Warranty:	
	The warranty shall be based on prescribed warranty provisions of the 2016 Revised IRR of RA 9184.	
	 From the time project construction commenced up to final acceptance, the contractor shall assume full responsibility for the following: a) any damage or destruction of the works except those occasioned by force majeure; and b) safety, protection, security, and convenience of his personnel, third parties, and the public at large, as well as the works, equipment, installation and the like to be affected by his construction work. 	

	2. One (1) year from project completion up to final acceptance or the defects liability period.
	The contractor shall undertake the repair works, at his own expense, of any damage to the infrastructure on account of the use of materials of inferior quality, within ninety (90) days from the time the HoPE has issued an order to undertake repair. In case of failure or refusal to comply with this mandate, the Procuring Entity shall undertake such repair works and shall be entitled to full reimbursement of expenses incurred therein upon demand.
	The warranty against Structural Defects and Failures shall be covered for Five (5) years from final acceptance, except those occasioned by force majeure.
8	Once the contract duration expires, including any time extension duly granted, and the contractor refuses or fails to satisfactorily complete the work, the Procuring Entity shall impose upon the contractor in default liquidated damages. Liquidated damage is an amount equal to at least one tenth (1/10) of one (1) percent of the cost of the unperformed portion of the works for every day of delay.
10	Day works are applicable at the rate shown in the Contractor's original bid.
11.1	The Contractor shall submit the Program of Work to the Procuring Entity's Representative within <i>five</i> (5) <i>days</i> of delivery of the Notice of Award.
11.2	The period between Program of Work updates should not be longer than ten (10) days
	The amount to be withheld for late submission of an updated Program of Work is <i>Twenty Thousand Pesos</i> (\$\mathbb{P}20,000.00).
13	The amount of the advance payment shall not exceed 15% of the total contract price. Payment shall be made upon the completion and approval of the Final Drawings, Specifications and other relevant documents.
14	The Contractor may submit a request for payment for Work accomplished. Such requests for payment shall be verified and certified by the Procuring Entity's Representative/Project Engineer. Materials and equipment delivered on the site but not completely put in place shall be included for payment.
15.1	The Contractor shall submit construction plans, showing the detailed drawing plans design prior to construction commencement. The Contractor shall submit as-built drawings after project completion.
15.2	The Final Payment shall be withheld for failing to produce "as built" drawings.

Section VI. Specifications

I. SCOPE OF WORKS

A. GENERAL REQUIREMENTS

- 1. Mobilization & demobilization (Manpower, Tools, Materials and equipment.
- 2. Bonds/insurance
- 3. Temporary facilities
- 4. As-built plan
- 5. Project Billboard

B. CIVIL AND ARCHITECTURAL WORKS

B.1 RIGHT SIDE REPAIR AND UPGRADING OF THE BUILDING (SITE WORKS)

- 1. Demolition of Reinforced concrete entrance roof canopy with beams and disposal of concrete debris.
- 2. Demolition and removal of stainless steel ramp railing including steel exit door and replaced with CHB wall.
- 3. Demolition and removal of roof canopy including trusses, ceiling and frames and disposal (+/- 16.00m length).
- 4. Removal, cutting into pieces and disposal of 1 (one) big tree.
- 5. Demolition of concrete wall and removal of aluminum sliding glass windows and disposal.
- 6. Demolition/breaking of reinforced concrete road for building foundation (8 inches thick).
- 7. Excavation of foundation (Soil w/ rock)
- 8. Gravel bedding of foundation and ground floor and road restoration 1" Crashed gravel.
- 9. Soil Poisoning.
- 10. Filling materials for elevated ground floor.
- 11. Chipping of existing concrete for construction joint.
- 12. Removal/relocation and installation of ACU Compressor.
- 13. Removal, cutting of steel landing and ladder and disposal.
- 14. CONCRETING WORKS (Footing, tie beam, column, roof beams, lintel beams, flooring and road restoration)
- 15. REBAR WORKS (Footing, tie beam, column, roof beams, lintel beams, flooring and road restoration)
- 16. FORM WORKS AND SCAFFOLDINGS (Tie beams, Columns, Roof beams, lintel beams)

17. MASONRY WORKS

1. Installation of 6" thk CHB with 10mmØ rebar @0.60m O.C B.W with plastered cement finish on both face including columns and beams.

18. CARPENTRY WORKS (Interior and Exterior)

1. 10mm thk gypsum board with 1" x 2" metal furring @0.60m O.C B.W wall angle and metal hangers.

19. STRUCTURAL WORKS AND METAL WORKS (ROOF FRAME)

- 1. Steel trusses with roof frame and ficem board (Fascia)
- 2. Steel tubular ceiling ventilation.

20. TINSMITHRY WORKS

- 1. Concrete wall cutting and chipping.
- 2. Installation of long span roofing with roof insulation and 1" x 1" G.I screen support.

21. PAINTING WORKS

- 1. Concrete walls including columns and beams (interior and exterior) 3 coats w/surface preparation using skim coat, latex paint.
- 2. Gypsum board ceiling (3 coats) latex paint.

22. GLASS AND ALUMINUM WORKS

- 1. Supply and installation of analok aluminum sliding window.
- 2. Supply and installation of motorized roll up door.
- 3. Supply and installation of steel window grills.

23. DOORS GRILLS

1. Supply and installation of stainless steel door grills and jamb.

24. ROOF CANOPY

1. (+/-1.80 m x +/-5.70 m) Steel truss w/roofing and metal spandrel ceiling.

25. Provision of new fire exit door

26. Relocation/reinstallation of (1.70m x 3.00m sliding aluminum window.

B.2 LEFT SIDE REPAIR AND UPGRADING OF THE BUILDING (SITE WORKS)

- 1. Demolition and removal of roof canopy including trusses, ceiling and frames and disposal (9.00m length)
- **2.** Demolition/breaking of reinforced concrete road for building foundation (8 inches thick).
- **3.** Excavation of foundation.
- **4.** Gravel bedding of foundation and ground floor and road restoration 1" Crashed gravel.
- 5. Soil Poisoning.
- **6.** Filling materials for elevated ground floor.
- 7. Chipping of existing concrete for construction joint.
- 8. CONCRETING WORKS (Footing, tie beam, column, roof beams, lintel beams, flooring and road restoration)
- 9. REBAR WORKS (Footing, tie beam, column, roof beams, lintel beams, flooring and road restoration)

10. FORM WORKS AND SCAFFOLDINGS (Tie beams, Columns, Roof beams, lintel beams)

11. MASONRY WORKS

1. Installation of 6" thk CHB with 10mmØ rebar @0.60m O.C B.W with plastered cement finish on both face including columns and beams.

12. CARPENTRY WORKS (Interior and Exterior)

1. 10mm thk gypsum board with 1" x 2" metal furring @0.60m O.C B.W wall angle and metal hangers.

13. STRUCTURAL WORKS AND METAL WORKS (ROOF FRAME)

- 1. Steel trusses with roof frame and ficem board (Fascia)
- 2. Steel tubular ceiling ventilation.

14. TINSMITHRY WORKS

- 1. Concrete wall cutting and chipping.
- 2. Installation of long span roofing with roof insulation and 1" x 1" G.I screen support.

15. PAINTING WORKS

- 1. Concrete walls including columns and beams (interior and exterior) 3 coats w/surface preparation using skim coat, latex paint
- 2. Gypsum board ceiling (3 coats) latex paint.

16. GLASS AND ALUMINUM WORKS

- 1. Supply and installation of analok aluminum sliding window.
- 2. Supply and installation of motorized roll up door.
- 3. Supply and installation of steel window grills.

17. PROVISION OF REINFORCED CONCRETE RAMP

18. ROOF CANOPY

1. (+/-1.80 m x +/-6.15 m) Steel truss w/roofing and metal spandrel ceiling.

19. PROVISION OF NEW FIRE EXIT DOOR.

C. ELECTRICAL WORKS

C.1 Supply and installation of distribution circuits which includes fluorescent lighting fixtures, convenience outlets, switches, enclosed circuit breakers and other related electrical materials required for its operation and as indicated in the electrical layouts.

III. MATERIAL SPECIFICATIONS

CIVIL WORKS:

Concrete -Site mix

(1:2:3 mixture)

Cement -Portland
Sand -White sand
Gravel -Crashed 1"
Deformed bar -Grade 33

CHB -6" thk ordinary

Paint -Latex, Epoxy enamel (Boysen)

Gypsum board -10mm thick
Metal furring -1" x 2"
Carrying channel -1" x 2" x 12'

Angular bar -3" x 3" x 5mm x 20'

-2" x 2" x 5mm x 20'

Tubular pipe -1.6mm thk

Welding rod -Fuji

C-purlins -1.6mm thk
Cutting disc -14"Ø, 4"Ø

Grinding disc -4"Ø.

Door Grills -Stainless steel
Door Jamb -Stainless steel
Hinges -Stanless steel

Drill bit -3/4"Ø

Windows -analok alum. Sliding & fixed window

w/ 1/4" thick bronze glass

Roof insulation -12mm thk polyethylene foam w/

aluminum foil on both side w/
1" x 1" G.I screen support

Ficem board -12mm thk (Fascia board)

ELECTRICAL WORKS:

Distribution Circuit Breaker Bolt-on and Commercial Type, 22 KAIC, G.E. or

Better

Enclosed Circuit Breaker Powder Coated Finish, with labeled Ampere Rating

Wires/Cables THHN/THWN, stranded and rated 600V, UL

Listed

Rigid Steel Conduit Schedule 40, Mayer Brand or better

Lighting Switches Conform to the IEC60669-1 standard(16A 250V~)

Duplex Convenience Outlet Socket Outlets conform to the IEC60884-1

standard, 16A, 250 Full rating

Fluorescent Fixture T-8 Aluminum Louver Surface Type, Mirrorized, 1

x 18W, and 600mm x1200mm x 65mm LED

Automatic Emergency Light 2 x 3W High Power SMT LED. Battery: 12v,

9.0Ah, Sealed Lead Acid

IV. CONSTRUCTION REQUIREMENTS

A. ARCHITECTURAL AND CIVIL WORKS

A.1 Painting Works

A.1.1 Preparation

- 1. Full safety gear shall be provided to all painters. Safety harness shall be provided to painters when working on elevated areas.
- 2. Do all preparation and cleaning procedures in accordance with the paint manufacture's instruction and as herein specified, for each particular substrate condition.
- 3. Remove hardware and hardware accessories, plates, surfaces, lighting, fixtures and similar items in places that are not to be painted, or surface-applied protection before surface preparation and painting.
- 4. Adjacent surfaces shall be protected against, stain, or soiling. Each coat of primer or paint shall be evenly spread without skips, run, sags and clogging and allowed to dry before the next coat is applied.
- 5. Provide sample illumination in areas where painting is in progress to fully light the work being done.

A.1.2 Application

- 1. Provide finish coats that are compatible with existing coats;
- 2. Where different colors meet, provide a clear line natural juncture;
- 3. Apply additional coats when undercoats, stains, or other conditions show through the final coat of paint until paint film is of uniform finish, color, appearance. Give special attention to ensure surfaces, including edges, corners, crevices, welds, and exposed fasteners, receive a dry film equivalent to that of flat surfaces;
- 4. Concrete and masonry surfaces shall be coated with concrete neutralizer and allowed to dry for 1 day before applying any primer painting;
- 5. The work throughout shall be executed in the most thorough manner to the satisfaction of the PNRI. The PNRI has the right to reject any work and materials in its judgement that are not in full conformance with the intention of the plan.

A.2 Welding Works

- 1. HOT WORKS PERMIT shall be secured prior to all welding works. Full safety gear shall be provided to all welders. Welding machine, cutting tools, grinding tools shall be in good operational condition;
- 2. Electrodes shall be stored in unopened original containers. They shall be stored adequately to prevent moisture loss or moisture absorption and shall be handled in such a manner so as to avoid the damage of coating;
- 3. Electrodes when used shall be free of rust, oil, grease, earth or any other matter which could be harmful for the quality of welding. The electrodes used shall be suitably to the welding process and the base metal and the weld properties shall not be lower than those of base metal;
- 4. The ends to be welded shall be properly cleaned. All paint, oil, grease, rust and oxide in general shall be removed, as well as all earth, sand or any other material which could be harmful to the welding. Ends shall be totally dry when welded;
- 5. Pieces to be welded shall be aligned and spaced in a suitable manner, so as to hold the ends during welding at a distance to ensure full penetration. Root opening shall not be more than as specified. Internal misalignment shall not exceed 1.5 mm;
- 6. At each interruption of welding, and after each run of welding is completed, chipping and slag removal shall be done;

7. When the welding is complete, but joints shall have a cover pass. It shall be slightly convey and fuse into the surface to the base metal in such a manner as to have a gradual notch free finish a good fusion at the joint edges. It shall not be chipped after completion. Welds shall have a regular appearance and shall be free from defects.

A.3 Concrete Works

- 1. All concrete work shall be done in good workmanship and shall conform with the standard practice;
- 2. Only Portland cement shall be used;
- 3. Sand shall be S-1 or white sand:
- 4. Gravel shall be ³/₄" crushed gravel;
- 5. Concrete proportioning shall be class "A" (1:2:3 1 part cement, 2 parts sand & 3 parts gravel).

B. ELECTRICAL WORKS:

B.1 All works shall be done in accordance with latest Philippine Electrical Code (PEC).

B.2 Wires and Cables

- 1. All wires and cables shall be copper, soft-drawn and annealed, shall be of ninety-eight (98 %) percent conductivity, shall be smooth and true and of a cylindrical form and shall be within one (1 %) percent of the actual size called for.
- 2. Wires and cables for lighting and power systems shall be plastic insulated, stranded, rated at 600 volt and THHN/THWN type and UL Listed.
- 3. Wires and cables for grounding shall be THW and/or BCW.
- 4. Smallest size of wire to be used for lighting and power system shall be 3.5 mm² THHN/THWN.
- 5. Color Coding of Wires:

Line 1 - black

Line 2 - red

Line 3 - blue

Ground – green

B.3 Conduits

- 6. All conduits embedded/non-embedded on concrete shall be rigid steel conduit.
- 7. All exposed conduits shall be painted with gray color epoxy enamel and installed parallel or perpendicular with the building floors, walls and ceilings.
- 8. Hangers and/or clamps spacing shall be as according the latest edition of the PEC and shall be painted with gray color epoxy primer and enamel.
- 9. All rigid steel conduit pipes shall be zinc coated and shall complies with ANSI C80.1-1977 Standard).

B.4 Clamps and Hangers

- 1. Galvanized threaded rod shall be used for exposed conduits. The use of malleable clamps is not allowed.
- 2. Support for RSC pipes shall be fabricated from 1" x 1" angular bars and 10 mm. diameter threaded rod with appropriate U-bolts Supports and hangers shall be painted with epoxy primer and enamel.

V. DRAWINGS AND SPECIFICATIONS

- 1. In case of discrepancies between the figures and drawings, the matter shall be referred immediately to PNRI, before any adjustment is made by the CONTRACTOR. The decision of PNRI in the adjustment of discrepancies so as to conform to the real intent of the drawings shall govern and shall be followed by the CONTRACTOR.
- 2. Any discrepancies/errors/omission found by PNRI between the drawings and specifications shall be immediately reported to the CONTRACTOR, who will promptly correct such discrepancies at the Contractor's expense.
- 3. After completion of work as described herein, the CONTRACTOR must furnish PNRI at his own expense, one (1) original copy and five (5) blue print plans of 20" x30" "As-built Plan" signed by a professional.
- 4. The CONTRACTOR should submit to PNRI an Electronic Copy of the Drawings in a USB flash drive

VI. CONTRACT COMPLETION TIME

1. The contractor must complete the contract work within **EIGHTY** (80) Government Working Days from effective date of contract.

VII. REQUEST TO WORK DURING WEEKEND/HOLIDAY

- 1. The CONTRACTOR may request to work during weekends and holidays, however approval is subject to PNRI discretion and the availability of PNRI representative willing to oversee the work on the requested date/s.
- 2. The PNRI reserves the right to reject any or all request and waive any required formality therein.
- 3. Request for work during weekend/holidays must be submitted at least three (3) government working days prior to the target date.
- 4. Request for work during weekend/holidays must be submitted to the PNRI Records Section and a copy of the same bearing the received date and signature from the Records Section must be submitted to GSS.

VIII. PRIOR TO MOBILIZATION AND DURING MOBILIZATION

1. Upon Receipt of Notice to Proceed the CONTRACTOR must submit the following documents:

A.) General Requirements

- a.) The CONTRACTOR must submit a list of personnel/worker names (designation/position indicated) with one (1) 1x1 picture (taken at least 1 year prior to submission), name written in the back, together with company I.D. for the issuance of PNRI I.D
- b.) The CONTRACTOR must fill up and submit four (4) copies of PNRI Equipment/Materials brought-in signed by authorized representative and present it to the guard for inspection prior to the unloading of Equipment/Materials on the project site. Equipment and Materials should be on separate forms and required information must be complete, readable and diligently written.

B.) Construction Requirements

- a.) PERT/CPM
- b.) Construction Schedule
- c.) S-Curve
- d.) Manpower Schedule

- e.) Equipment Utilization Schedule
- f.) Construction Methods
- g.) Construction Safety and Health Program (Approved by DOLE)
- h.) All Risk Insurance
- 2. The CONTRACTOR must provide a color-coded uniform for the workers and must be worn at all times together with the issued PNRI I.D while inside the PNRI premises.
- 3. The CONTRACTOR must provide the workers with all the necessary personal protective equipment relative to the workers trade work.
- 4. The CONTRACTOR must post the Project Billboard prior to the start of the project
- 5. The PNRI representative/s may visit the project site from time to time and the CONTRACTOR must at all times have a copy of Drawings/Plans, Bill of Quantities, Construction Schedule, Permits and any other documents pertaining to the project readily available on the project site.
- 6. The CONTRACTOR's supervisor assigned to the project site must be able to answer some if not all the queries of PNRI pertaining to the project.
- 7. All CONTRACTOR workers and supervisor assigned in a specified project are prohibited to roam the PNRI premises and must only stay in the assigned barracks during resting time and in the project site indicated in the PNRI issued I.D. during working time.
 - a.) In the event that the same CONTRACTOR won a bid on another project inside the PNRI compound, a different set of workers and supervisor must be assigned on that specific project.
 - b.) It is strictly prohibited for workers and supervisor to work on a project different from the indicated project in the issued PNRI I.D.
 - c.) If the CONTRACTOR wishes to transfer their assigned personnel from one project to another, the CONTRACTOR must submit an intent letter of transfer and a list of personnel names with one (1) 1x1 picture, name written in the back, together with company I.D., and surrender the previous PNRI I.D. with a different project for the issuance of PNRI I.D with the new assigned project.
 - d.) Workers who are transferred to another project shall no longer be allowed to work on their previous assignment. In the event that the workers need to be transferred again, the same transferring procedure shall apply.
- 8. Visitors of the CONTRACTOR workers shall not be allowed to enter the PNRI compound, and shall only be allowed to wait on the gate unless permitted by PNRI.
- 9. The CONTRACTOR is forbidden to sub-contract any part of the scope of work, unless stated in the contract or there is a written approval of PNRI.

- 10. For highly specialized scope of work that require the presence of the Suppliers, Consultants and Affiliates of the CONTRACTOR:
 - a.) The CONTRACTOR shall submit a list of personnel names for Suppliers, Consultants and Affiliates at least three (3) government working days prior to the deployment on the project site.
 - b.) Suppliers, Consultants and Affiliates shall be considered as personnel of the CONTRACTOR and shall submit all the documentary requirements required for mobilization.
 - c.) The submitted I.D of these personnel should be the I.D issued by the CONTRACTOR.
 - d.) Any violation of these personnel on the signed Contract and General Conditions shall be considered violations of the CONTRACTOR.
 - e.) Any incident occurring from the actions and negligence of these personnel that may result to damages on PNRI property and injuries or loss of life to PNRI employees including PNRI Visitors, PNRI Clients and other PNRI Contractor are considered actions of the project CONTRACTOR.
- 11. Cat calling or any form of harassment to PNRI employees, PNRI Visitors, PNRI Clients and other Contractor contracted by PNRI are prohibited.
- 12. Any form of gambling by the CONTRACTOR personnel are prohibited inside the PNRI compound.
- 13. Fighting and personal quarrels between the CONTRACTOR workers that may disturb the peace and may possibly result to fistfight and other physical injuries are prohibited inside the PNRI compound.
- 14. The CONTRACTOR may request for an Advance Payment. The CONTRACTOR must submit a written request together with a Surety Bond and the following supporting documents.
 - a.) Copy of PERT/CPM
 - b.) Copy of Construction Schedule
 - c.) Copy of S-Curve
 - d.) Copy of Manpower Schedule
 - e.) Copy of Equipment Utilization Schedule
 - f.) Copy of Construction Methods
 - g.) Copy of Construction Safety and Health Program (Approved by DOLE)
 - h.) Copy of All Risk Insurance

IX. DEMOBILIZATION

- 1. The CONTRACTOR must fill up and submit four (4) copies of PNRI Equipment/Materials Taken-out signed by authorized representative with attached copy of Equipment/Materials Brought-in at least three (3) government working days prior to the scheduled hauling of equipment and present it to the guard for inspection at the gate for checking.
- 2. The CONTRACTOR must surrender all the PNRI I.Ds issued to the worker upon completion of the project or upon pulling out of the worker from the project. Any lost or missing I.Ds should be reported to PNRI with attached affidavit of loss.

X. TEMPORARY FACILITY

- 1. The CONTRACTOR must construct a temporary facility (if stated in the bill of quantities) on the PNRI identified location that will serve as barracks for the workers and as a temporary storage facility for materials, equipment, waste materials and debris.
- 2. The CONTRACTOR must maintain the cleanliness of the Temporary Facility at all times to prevent any untoward incident from happening.

XI. REQUEST FOR STAY-IN

- 1. The CONTRACTOR may request for stay-in, however approval is subject to PNRI discretion.
- 2. The CONTRACTOR must start the project as per contract regardless of the status of the approval of the request for stay-in.
- 3. The CONTRACTOR must indicate on the request that PNRI won't be held liable for any incident that may occur on the workers and their possessions while on stayin.
- 4. The CONTRACTOR must secure the safety and security of its personnel and the supervisor must at all times monitor the workers.
- 5. The PNRI reserves the right to reject any or all request and waive any required formality therein.
- 6. After working hours including weekends and holidays all approved CONTRACTOR's personnel must stay in their temporary facility. Loitering is strictly prohibited.

- 7. Cooking, smoking and drinking liquor shall not be allowed inside the premises.
- 8. The CONTRACTOR's personnel must follow the same curfew guidelines and other policies being implemented on stay-in PNRI employees.
- 9. Water and electricity consumed for the stay-in period must be paid by the CONTRACTOR. The CONTRACTOR must provide a sub-meter to gauge the consumption.

XII. VARIATION ORDERS - CHANGE ORDER/EXTRA WORK ORDER

- 1. Extra Work Order may be issued by the PNRI after the Director, in accordance with the Annex E of the Revised Implementing Rules and Regulations of RA 9184, has been approved the same.
- 2. No Change Order(s) or Extra Work Order(s) shall become effective without official order from the PNRI Director, which has been officially received by the CONTRACTOR.

XIII. SAFETY AND SECURITY

- 1. Cigarettes Smoking/Vaping, Illegal Drugs and Alcoholic Beverages are strictly prohibited inside the PNRI premises.
- 2. Bringing of weapons, explosives and sharp and bladed objects that are not going to be used and are not of any use in the project are strictly prohibited.
- 3. Taking any PNRI property (including scrap materials without proper clearance by PNRI) are strictly prohibited, and if found, may result to legal charges.
- 4. Every CONTRACTOR personnel including supervisors, suppliers, consultants and affiliates are required to log in and out on a project specified logbook provided by PNRI. The logbook issued by PNRI is for PNRI consumption and is independent to the CONTRACTOR's own policy in connection with personnel/workers attendance.
 - a.) The date shall be indicated at the top of the page.
 - b.) The logbook should bear the Name, Designation/Position, Signature and time-in and out of the personnel.
 - c.) The handwritings on the logbook must reflect the signature on the PNRI issued I.D
 - d.) The supervisor must sign on the last part of the daily attendance sheet by the end of the workday. If two or more pages are used, all used pages must be signed.

- e.) The logbook must be submitted to PNRI at the beginning of every week, after the morning time-in, for PNRI inspection, and are then returned to the CONTRACTOR before the end of the day.
- f.) The logbook shall be considered as the property of PNRI and must not be brought out of the compound. The logbook must be available at all times for checking of PNRI representatives.
- g.) The logbook should also include the daily activities that are scheduled for the day.
- 5. The CONTRACTOR must provide a copy of Construction Safety and Health Program (approved by DOLE)
- 6. To avoid any untoward incidents. The CONTRACTOR must assign a Safety Officer for the project. The Safety Officer must have attended trainings/seminars as required by law to be an eligible Safety Officer and the CONTRACTOR shall submit to PNRI the proof of the same to ensure that the assigned personnel is qualified in ensuring the safety of the project site and everyone on the project site and temporary facilities.
- 7. The CONTRACTOR must provide their fire extinguisher. The fire extinguisher must be readily available on project area and temporary facility area.
- 8. Any incident that may result to damages to PNRI properties and all PNRI personnel, partners, visitors, clients and other contractor contracted by PNRI as a result of the project CONTRACTOR negligence during the course of the project would hold the CONTRACTOR legally liable. All damages incurred shall be at the expense of the CONTRACTOR.
- 9. The CONTRACTOR must inform the PNRI in writing with appropriate documentation of the location of any structures which are not part of the project that may be potentially damaged, equipment that may be affected and hazardous areas to be avoided that may endanger the safety and lives of the PNRI employees, partners, visitors, clients and other contractor contracted by PNRI, during implementation of the project. Failure in the part of the CONTRACTOR in informing PNRI in writing would waive the rights of the CONTRACTOR on denying PNRI its claim on damages that may arise. The CONTRACTOR however is not exempted in its liabilities and responsibilities due to negligence if an incident arises that may have been prevented if the CONTRACTOR is diligent in ensuring the timely delivery of work and practiced every safety precaution required by law.

XIV. VIOLATIONS ON THE GENERAL CONDITIONS

1. It is assumed that by bidding and winning the bid the CONTRACTOR has read and reviewed all the documents pertaining to the project.

- 2. Any violations on the part of CONTRACTOR including its suppliers and affiliates whether intentional or not on the General Conditions set by PNRI that resulted on incidents or accidents on one party or both parties incurring injuries, disabilities or death, damages to PNRI properties, and/or any delay of the project shall be the sole responsibility of the CONTRACTOR and at the expense of the CONTRACTOR and should not hold the PNRI or its duly authorized representative liable and/or responsible.
- 3. The PNRI reserves the rights to terminate any or all part of the contract without holding PNRI or its duly authorized representative liable and/or responsible to any or all damages to the CONTRACTOR if the PNRI deemed the CONTRACTOR is negligent on its part.

XV. WARRANTY

The warranty shall be based on prescribed warranty provisions of the 2016 Revised IRR of RA 9184.

- 1. From the time project construction commenced up to final acceptance, the contractor shall assume full responsibility for the following:
 - a) any damage or destruction of the works except those occasioned by force majeure; and
 - b) safety, protection, security, and convenience of his personnel, third parties, and the public at large, as well as the works, equipment, installation and the like to be affected by his construction work.
- 2. One (1) year from project completion up to final acceptance or the defects liability period.

The contractor shall undertake the repair works, at his own expense, of any damage to the infrastructure on account of the use of materials of inferior quality, within ninety (90) days from the time the HoPE has issued an order to undertake repair. In case of failure or refusal to comply with this mandate, the Procuring Entity shall undertake such repair works and shall be entitled to full reimbursement of expenses incurred therein upon demand.

- 3. The warranty against Structural Defects and Failures shall cover the following periods from final acceptance, except those occasioned by force majeure:
 - a) Permanent Structures: Fifteen (15) years

Buildings of types 4 and 5 as classified under the National Building Code of the Philippines and other structures made of steel, iron, or concrete which comply with relevant structural codes (e.g., DPWH Standard Specifications), such as, but not limited to, steel/concrete bridges, flyovers, aircraft movement areas, ports, dams, tunnels, filtration and treatment plants, sewerage systems, power plants, transmission and communication towers, railway system, and other similar permanent structures;

b) Semi-Permanent Structures: Five (5) years

Buildings of types 1, 2, and 3 as classified under the National Building Code of the Philippines, concrete/asphalt roads, concrete river control, drainage, irrigation lined canals, river landing, deep wells, rock causeway, pedestrian overpass, and other similar semi-permanent structures; and

c) Other Structures: Two (2) years Bailey and wooden bridges, shallow wells, spring developments, and other similar structures.

XVI. CLEANING OF PREMISES

- 1. Waste materials and debris of any form shall not be dumped on any part of the compound unless otherwise permitted by PNRI.
- 2. The CONTRACTOR, subject to approval of PNRI, may secure any temporary dumping area and shall ensure that no incident or fire would arise on the temporary dumping area.
- 3. Hauling of the debris and waste materials shall be done on a regular basis to avoid overflowing of debris or any untoward incident.
- 4. The CONTRACTOR shall avoid littering on the PNRI premises and shall secure their garbage and segregate it to biodegradable and non-biodegradable.
- 5. Segregated garbage of the CONTRACTOR shall be hauled by the CONTRACTOR.
- 6. The CONTRACTOR shall clean the project area daily before the end of working hours before leaving.

- 7. The CONTRACTOR shall clean and clear the whole premises of all debris and unused materials upon completion of the project.
- 8. Prior to hauling of waste materials and debris the CONTRACTOR must fill up and submit four (4) copies of PNRI Equipment/Materials Taken-out signed by authorized representative with attached colored pictures at least three (3) government working days prior to the scheduled hauling and present it to the guard for inspection at the gate for checking.
- 9. Any unused and excess materials part of the bill of quantities including scrap materials must be surrendered to PNRI.

XVII. FORCE MAJURE AND PUBLIC HEALTH CONCERNS

- 1. In the event of force majure and public health concerns the CONTRACTOR should follow the office order/memorandum/guidelines issued by PNRI.
- 2. In the event that such PNRI instruction are not yet issued, the CONTRACTOR must follow the promulgating rules, regulations and guidelines issued by the Philippine government and should closely coordinate with the PNRI for its implementation.

XVIII. ADDITIONAL NOTES

1. Any clarifications on any part of the General Conditions must be addressed in writing. The response from PNRI and its subsequent responses, if any, shall be a part of the General Conditions until the completion of the project or if until otherwise revoked.

During COVID-19 pandemic, the CONTRACTOR must follow the minimum public health standard issued by the IATF and DOH. Other guidelines such as DPWH Department Order no. 39 series of 2020 are also in effect. Any updates and guidelines issued by the other government agencies should be closely monitored and the CONTRACTOR should continuously coordinate with PNRI for the updates of the released guidelines and the implementation of these guidelines on the project site.

Section VII. Drawings (on a separate folder)

Section VIII. Bill of Quantities

ITEM	DESCRIPTION	COST
A.	GENERAL REQUIREMENTS	
В.	CIVIL AND ARCHITECTURAL WORKS	
C.	ELECTRICAL WORKS	
	TOTAL DIRECT COST:	
	INDIRECT COST:	
	CONTINGENCY	
	OH/SUPERVISION	
	PROFIT	
	TOTAL MARK-UP:	
	VAT (5%):	
	TOTAL INDIRECT COST:	
	TOTAL DIRECT & INDIRECT COST:	
	TOTAL PROJECT COST:	

PROJECT : Repair and Upgrading of MIF Storage Area of Cobalt-60 Facility Building LOCATION : PNRI Compound, Commonwealth Avenue, Diliman, Quezon City OWNER : Philippine Nuclear Research Institute (PNRI) SUBJECT : DETAILED COST ESTIMATE

		_		MATERIAL	COST .	LABOR COST	COST	ESTIMATED	MA	MARK-UPS IN PERCENT		TOTA	TOTAL MARK-UP	-	TOTAL	TOTAL	TIND
Item No.	ILEMIDESCRIPTION	3		UNIT COST TOTAL COST		UNIT COST TOTAL COST	TOTAL COST	DIRECT COST	CONT.	OCM	PROFIT	%	VALUE	VAI	INDI. COST	COST	COST
A	GENERAL REQUIREMENTS																
-	Mobilization/Demobilization (Manpower, Tools, Materials and equipment)	-	lot														
2	Bonds/Insurance	-	lot														
ო	Temporary Facilities	-	lot														
4	As-Built Plan	+	lot														
S	Project Billboard	-	lot														
	Sub-total					Ī											
8	CIVIL AND ARCHITECTURAL WORKS																
B.1	RIGHT SIDE REPAIR AND UPGRADING OF THE BUILDING (SITE WORKS)				*												
-	Demolition of Reinforced concrete entrance roof canopy with beams and disposal of concrete debris																
1.1	Jackhammer with compressor (Rental)	ю	days														
1.2	Mobilization and demobilization of jackhammer w/ compressor	+	ot														
1.3	Fuel consumption	20	±														
1.4	Jackhammer operator (2 - Skilled)	3	days														
1.5	Compressor operator (1-Skilled)	3	days														
1.6	Helpers (2 Laborers)	ю	days														
2	Demolition and removal of stainless steel ramp railing including steel exit door and replaced with CHB wall	-	ot O														
က	Demoition and removal of roof canopy including trusses, ceiling and frames and disposal (+/- 16.00m length)	20	m.ps														
4	Removal, cutting into pieces and disposal of 1 (one) big tree	-	sod														
2	Demolition of concrete wall and removal of aluminum sliding glass windows and disposal	12	m.ps														
9	Demolition/breaking of reinforced concrete road for building foundation (8 inches thick)																
6.1	Concrete cutting of R.C Road	83	Lm														
6.2	Jackhammer with compressor (Rental)	9	days														
6.3	Fuel consumption	30	Ħ														
6.4	Jackhammer operator (2 - Skilled)	9	days														
6.5	Compressor operator (1-Skilled)	ω	days														
9.9	Helpers (2 Laborers)	ဖ	days														
7	Excavation of foundation (Soil w/ rock)	17	cu.m														
80	Gravel bedding of foundation and ground floor and road restoration 1" Crashed gravel	7 0	cu.m														
6	Soil Poisoning	140	sd.m														
9	Filling materials for elevated ground floor																
10.1	Filling materials (Crashed rock or equal)	81	cu.m														
10.2	Leveling and compaction (Machine compactor)	125	sq.m														

11 Concrete Sending decreases for consistation for the formation of the concrete sending decreases for consistation of the Concrete sending decreases for consistation of the Concrete sending decreases. 1 Per concrete sending decreases for consistation of the Concrete sending and restoration. 1 Per concrete sending decreases. 1 Per concret	***		H	***	
CONCRETING WORKS (Footing, the beam, column, roof beams, lintel beams, flooring and road restoration class "A" Concrete (12.3 mixture) 36.64	12	Jossa		set or	
CONCRETING WORKS (Footing, tie beam, column, roof beams, lintel beams, flooring and road restoration Class "A" Concrete (1.2.3 mixture) Concrete cement hardener REBAR WORKS (Footing, te beam, column, roof beams, lintel beams, flooring and road restoration) 150	13			lot	
Coase 'W' Concrete (12.3 mixture) 36.64 Concrete cement hardener 4 REBAR WORKS (Footing the beam, column, roof beams, flortine beams, shooting and road restoration) 16mmd x 8.00m det bar 1101 12mmd x 8.00m det bar 1756 12mmd x 8.00m det bar 1756 13mmd x 8.00m det bar 1756 14.00m det bar 1756 15mmd x 8.00m det bar 1757 175mmd x 1.00m bk tubular pipe 1675 175mmd x 1.00m bk tubular pipe 1675 175mmd x 1.00m bk 8.0.Cpunins 1957 175mmd x 1.00m bk 8.0.Cpunins 1958 175mmd x 1.00m bk	4	CONCRETING WORKS (Footing, te beam, column, roof beams, lintel beams, flooring and road restoration			
Controlle cement hardener Controlle cement hardener Controlle cement hardener Controlle cement hardener Controlle cement hardener schorle)	14.1			m.m	
Intel Bears, flooring the beam, column, roof beams, flooring and road restoration) 16mmØx & 6.00m det bar 110 12mmØx & 6.00m det bar	14.2	Concrete cement hardener		ags	
100	15	REBAR WORKS (Footing, tie beam, column, roof beams, lintel beams, flooring and road restoration)			
122	15.1		-	bcs	
176 CA 16 C.I Wire Columns, Roof beams, lintel beams, Columns, Roof beams, lintel beams, Columns, Roof beams, lintel beams, Assorbed occo lumber 856 Assorbed coco lumber 10 Assorbed coco lumber 20 IZY x4 8 Phenolic form 20 IZY 8	15.2			bcs	
CAP 16 C.1 Wire Software So	15.3	200	-	bcs	
Columns, Roof beams, lintel beams,	15.4		- 3	kg	
Assorted coco lumber 866 G.A. 16 G.I Wire 10 Assorted c.u. rail and concrete nail 20 112" x.4" g. Phenolic form 25 MASONRY WORKS 25 Installation of g* Tik CHB with 10mm/0 rebar @0.60m O.C B.W 1,274 Informize x 6 ord deft bar and beans 3 Fiv. 8" x 16" ordinary CHB 1,274 10mm/0 x 6.0m deft bar 64 GA 16 G.I Wire 3 Portland Cement 2 10mm/0 x 6.0m deft bar 6 GA 16 G.I Wire 3 Portland Cement 1 Sand 1 GA 16 G.I Wire 3 Assorted drill Dit 5 Sand 1 CARPENTRY WORKS (Interior and Exterior) 1 Assorted drill Dit 5 Structural August barnel 5 Structural August barnel 6 3" x 3" x 5mm x 20" Angular bar 10 1" formi@ x 7.5m plain round bar 10 1" formi@ x 7.5m plain round bar 10 2" x 4" x 20" x 1.6mm thk B.I C	9	FORM WORKS AND SCAFFOLDINGS (Tie beams, Columns, Roof beams, lintel beams)			
Assorted c.w. rail and concrete nail 10	16.1			1J.pc	
Assorted c.w rail and concrete nail 25 MASONEY WORKS Installation of 5* thk CHB with 10mm0 rebar @0.60m O.C B.W with plastered cement finish on both face including columns with plastered cement finish on both face including columns and beams 6* X8* X.15* ordinary CHB 1,274 10mm0 X.6. Ordinary CHB 3 10mm0 X.6. Ordinary CHB 3 10mm Works (Interior and Exterior) 168 CARPENTRY WORKS (Interior and Exterior) 178 CARPENTRY WORKS (Interior and Exterior) 178 188 1* X.2* X.12* carrying channel 188 1* X.2* X.12* carrying channel 188 1* X.2* X.5* Smm X.20* Angular bar 188 2* X.4* X.5* Smm X.20* Angular bar 198 2* X.4* X.5* Smm X.20* Angular bar 198 2* X.4* X.5* Smm X.20* Angular bar 198 1* Informity Lurk buckle 198	16.2	G.A 16 G.I Wire		kg	
MASONRY WORKS Installation of 6" this CHB with 10mm0 rebar @0.60m O.C.B.W with plastered cement finish on both face including columns and bearms 1.274 10mm0 x 0.60m det bar @0.60m o.C.B.W 1.274 10mm0 x 0.60m det bar @0.60m det bar 2.10 2.	16.3	Assorted c.w nail and concrete nail		kg.	
MASONRY WORKS Installation of 6" thk CHB with 10mm0 rebar @0.60m O.C.B.W with plastiend cement finish on both face including columns and beared cement finish on both face including columns (5.x8" x 15" ordinary CHB 1.274 10mm0 x 6.00m det bar 3 GA 16 G.I Wire 3 Portland Cement 210 Sand 3 CARPEXTRY WORKS (Interior and Exterior) 168 10mm thk gapsum board with 1" x 2" metal furring @0.60m 168 1 CARPEXTRY WORKS (Interior and Exterior) 2 1 CARPEXTRY WORKS (Interior and Exterior) 1 1 CARPEXTRY WORKS (Interior and Exterior) 1 1 CARPEXTRY WORKS AND METAL WORKS (Roof FRAME) 3 3 x 3" x 5mm x 20" Angular bar 40 2 x 4" x 20" x 1.6mm thk tubular pipe 16 1 femm0 x 7.5m plain round bar 10 1 femm0 x 2" sm plain round bar 10 2 x 4" x 20" x 1.6mm thk B.I C-purlins 59 Welding rod "Fuji" 2 Outling disc: 14"2 (Tyoil) 2	16.4			bcs	
Installation of 6" thk CHB with 10mm0 rebar @0.60m O.C.B.W pasteed coment finish on both face including columns and beams of x.8" x.16" ordinary CHB 10mm0 x.6.00m det bar 10mm0 x.7.5m plain round plain round x.7.5m pl	17	MASONRY WORKS			
1,274 10mmØ x 6.00m det bar 10mmØ x 6.00m det bar 10mmØ x 6.00m det bar 10 A 16 G.I Wire 10 CAPPENTRY WORKS (Interfor and Exterior) 10 A 16 A 17 A 27 metal furring @0.60m 10 CA B.W wall angle and metal hangers 10 A 17 A 27 A 12 carrying channel 10 A 17 A 27 A 12 carrying channel 10 A 18 A 27 A 16 mm bit k. tubular pipe 10 A 27 A 37 A 16 mm bit k. tubular pipe 10 A 27 A 37 A 16 mm bit k. tubular pipe 10 A 12 mmØ x 7.5 m plain round bar 10 A 12 mmØ x 7.5 m plain round bar 10 A 16 mmØ x 7.5 m plain round bar 10 A 16 mmØ x 7.5 m plain round bar 10 A 16 mmØ x 7.5 m plain round bar 10 A 16 mmØ x 7.5 m plain round bar 10 A 16 mmØ x 7.5 m plain round bar 10 A 16 mmØ x 7.5 m plain round bar 10 A 16 mmØ x 7.5 m plain round bar 10 A 16 mmØ x 7.5 m plain round bar 10 A 16 mmØ x 7.5 m plain round bar 10 A 17 mmØ x 7.5 m plain round bar 10 A 18 mmØ x 18 M 16 M	17.1	Installation of 6" thk CHB with 10mmØ rebar @0.60m O.C.B.W with plastered cement finish on both face including columns and beams			
OA 16 C1 Wire OA 17 C1 Wire OA 17 C1 Wire OA 17 C1 Wire OA 17 C1 Wire OA 18 C1 Wir	17.2			bcs	
CA 16 C.I Wire 210 Sand CARPENTRY WORKS (Interior and Exterior) 30 CARPENTRY WORKS (Interior and Exterior) 160 CARPENTRY WORKS (Interior and Exterior) 168 CA B. Waeli angle and metal hangers 1742 ** 2.12 carrying channel 21 Assorbed drill bit 25 Steel scarlfoldings (rental) 15 STRUCTURAL WORKS AND METAL WORKS (ROOF FRAME) 38 Strauctural WORKS AND METAL WORKS (ROOF FRAME) 38 27 x 3" x 5mm x 20" Angular bar 38 27 x 4" x 20" x 1.5mm thk tubular pipe 16 16 16 16 16 mm 2 x 7.5m plain round bar 10 12 16 16 16 mm 2 x 1.5m plain round bar 10 10 17 16 mm 2 x 1.5m plain round bar 10 10 18 19 10 10 10 10 19 2" x 4" x 20" x 1.6mm thk tubular pipe 2" x 4" x 20" x 1.6mm thk tubu	17.3	10mmØ x 6.00m def.bar		bcs	
Sand	17.4			kg	
Sand	17.5	Portland Cement		sags	
CARPENTRY WORKS (Interior and Exterior) 10mm this gypsam board with 1"x2" metal furring @0.60m 168 10mm this gypsam board with 1"x2" metal furring @0.60m 21 1 x x2" x 12" carrying channel 5 Assorted drill bit 5 Steal scandfolds (enhal) 1 STRUCTURAL WORKS AND METAL WORKS (ROOF FRAME) 40 2" x 2" x 5mm x 20" Angular bar 38 2" x 4" x 20" x 1.6mm th k tubular pipe 16 16 fishmm 2 x 7.5m plain round bar 10 1 fishmm b k b LC punins 59 Welding roof "Fuji" 2 Outling disc 1470 (Tyoil) 2	17.6		_	m.uc	
100m thk gypsum board with 1" x2" melal furring @0.60m 168 1" x2" x1" carrying channel 21 Assorted drill bit 25 Steel scardiolings (ental) 1 STRUCTURAL WORKS AND METAL WORKS (ROOF 2 Steel scardiolings (ental) 1 STRUCTURAL WORKS AND METAL WORKS (ROOF 2 Steel scardiolings (ental) 1 STRUCTURAL WORKS AND METAL WORKS (ROOF 2 STACK S S mm x 20" Angular bar 38 Z x 4" x 20" x 1.6mm thk tubular pipe 16 IsommØ x 7.5m plain round bar 10 IsommØ x 7.5m plain round bar 10 S x 4" x 20" x 1.6mm thk B.I.C-punins 59 Welding roof Teylir 2 Welding roof Teylir 2 Outfing disc 1470 (Tyoil) 2	8	CARPENTRY WORKS (Interior and Exterior)		\dashv	
1. x2" x 12" carrying channel 21 Assorted drill bit 5 Steel scarbfoldings (ental) 1 STRUCTURAL WORKS AND METAL WORKS (ROOF FRAME) 3 3" x3" x 5mm x 20" Angular bar 40 2" x3" x 5mm x 20" Angular bar 38 2" x4" x 20" x 1.6mm th k tubular pipe 16 16mm 0 x 7.5m plain round bar 10 12mm 0 x 7.5m plain round bar 10 15mm 0 x 7.5m plain round bar 10 15mm 0 x 1.5m plain round bar 10 15mm 10 x 1.5m plain round bar 10 15mm	18.1			m.ps	
Steel scarffoldings (ental) 1 1	18.2			bcs	
Steel scartfoldings (rental) 1	18.3	Assorted drill bit	\rightarrow	bcs	
STRUCTURAL WORKS AND METAL WORKS (ROOF FRAME) 3° x 3° x 5mm x 20′ Angular bar 40 2° x 2° x 5mm x 20′ Angular bar 38 2° x 4° x 20° x 1 6mm this tubular pipe 16 16mm 2 x 7.5m plain round bar 10 12mm 2 x 7.5m plain round bar 12 16mm 2 x 7.5m plain round bar 10 2 x 4° x 20° x 1.6mm this B.I C-purities 59 Welding rod *Fuji* 2 Outling disc: 14°0 (Tynolit) 2	18.4	Steel scaffoldings (rental)	\dashv	lot	
3" x 3" x 5mm x 20" Angular bar 40 2" x 2" x 5mm x 20" Angular bar 38 2" x 4" x 20" x 1.6mm thk tubular pipe 116 16mm 2 x 7.5m plain round bar 117 16mm 2 x 7.5m plain round bar 110 12mm 2 x 1.6m plain round bar 110 Wedding round ** 1.0mm thk B.I.C. punins 59 Wedding rood ** 1.9mm thk B.I.C. punins 59 Undeding rood ** 1.9mm thk B.I.C. punins 59 Underling also: 1470 (Tynolit) 2	19	STRUCTURAL WORKS AND METAL WORKS (ROOF FRAME)			
2" x 2" x 5mm x 20' Angular bar 38 2" x 4" x 20' x 1.6mm thk tubular pipe 16 16 form@ x 7.5m plain round bar 10 12mm@ x 7.5m plain round bar 12 16mm@ turk buckle 10 2" x 4" x 20" x 1.6mm thk B.I.C.punins 59 Wedding rod "Fuji" 2 Outfing disc 1470 (Tynit) 2	19.1	3" x 3" x 5mm x 20' Angular bar		bcs	
2" x 4" x 20" x 1.6mm th tubular pipe 16 16mm@ x 7.5m plain round bar 10 12mm@ x 7.5m plain round bar 12 16mm@ turk buckle 10 2" x 4" x 20" x 1.6mm thk B.I.C.punins 59 Wedding rod "Fuji" 2 Outfing disc 1470 (Tynolit) 2	19.2	2" x 2" x 5mm x 20' Angular bar		bcs	
16mmØ x 7.5m plain round bar 10 12mmØ x 7.5m plain round bar 12 15mmØ x 7.5m plain round bar 10 10 2 x 4" x 20" x 1.6mm thk B.I.C.punlins 59 Weding roof *Fuji* 2 2 Outfing disc 1470 (Tynoll) 2	19.3	$2" \times 4" \times 20' \times 1.6mm$ thk tubular pipe	-	bcs	
12mmØ x 7.5m plain round bar 12 16mmØ Lurk buckle 10 2 x 4" x 20" x 1.6mm thk B.I.C.punlins 59 Wedding rood "Fuji" 2 Outfing disc: 1470 (Tynolf) 2	19.4	16mmØ x 7.5m plain round bar		bcs	
16mm@ turk buckle 10 2" x 4" x 20" x 1.6mm thk B.I C-purlins 59 Welding rod "Fuji" 2 Outfing disc: 14"0 (Tynolf) 2	19.5	12mmØ x 7.5m plain round bar		sod	
2" x 4" x 20" x 1.6mm thk B.I C-purlins 59 Welding rod "Fuji" 2 Outling disc 14"0 (Tyrolf) 2	19.6		\rightarrow	bcs	
Welding rod "Fuji" 2 Cutting disc 14"Ø (Tyrolit) 2	19.7		_	bcs	
Cutting disc 14"Ø (Tyrolit)	19.8	Welding rod "Fuji"	_	yoq	
	19.9	Cutting disc 14"Ø (Tyrolit)	-	bcs	

19.10	19.10 Cutting disc 4"Ø	9	DCS						
19.11	Grinding disc 4"Ø	. В	bcs						
19.12	Concrete drill bit 3/4"Ø	2 p	pcs						
19.13	16mmØ x 5" Dyna expansion bolt	48 p	bcs						
19.14	Epoxy primer	8	gal						
19.15	Epoxy thinner	2 9	gal						
19.16	Brush and paint roller	4 p	bcs						
19.17	Turco rust converter	1 8	gal						
19.18	(0.30m x 2.44m x 12mm thk) Ficem board	18 p	bcs						
19.19	1.22m x 2.44m x 12mm thk Ficem board	2	bcs						
19.20	1 1/2" x 1 1/2" x 5mm x 20' Angular bar	32 p	bcs						
19.21	Black screw (2 1/2")	d 006	bcs						
70	TINSMITHRY WORKS								
20.1	Concrete wall cutting and chipping	39	Lm						
20.2	Installation of long span roofing with roof insulation								
20.3	(1.09m x 7.30m x 0.40mm thk) Pre-painted rib-type long span roofing	23 p	sod						
20.4	(0.60m x 2.44m x 0.40mm thk) Pre-painted side flashing	8	bcs						
20.5	(0.60m x 2.44m x 0.40mm thk) Pre-painted wall flashing	12 p	bcs						
20.6	(1.09m x 6.50m x 0.40mm thk) Pre-painted rib-type long span roofing	Э В	bcs						
20.7	Polyethelene foam roof insulation with aluminum foil on both side (1m x 12mm x 50m)	4	rolls						
20.8	Ducting tape	9	rolls					70	
20.9	1"x 1" G.I Screen	198 sc	m.ps						
20.10	Metal texscrew (3")	1400 p	bcs						
20.11	Aluminum blind rivets	3 P	рох						
20.12	Silicon sealant	7 tul	tubes						
20.13	Vulca seal	9	III						
21	PAINTING WORKS						<i>h</i>		
21.1	Concrete walls including columns and beams (interior and exterior) 3 coats w/ surface preparation using skim coat, latex paint								
21.2	Ceiling (3 coats) interior and exterior	223 sc	m.ps						
21.3	Latex paint (white) Concrete walls w/ surface preparation	266 sc	m.ps						
22	GLASS AND ALUMINUM WORKS								
22.1	Supply and installation of analok aluminum sliding window								
22.2	(3.20m x 1.70m) Analok aluminum sliding window with 1/4" thk bronze glass w' complete accessories and lockset	es es	set						
22.3	(1.50m x 1.70m) Anatok aluminum sliding window with 1/4" thk bronze glass w/ complete accessories and lockset	- w	set						
22.4									
22.5	(+/- 5,70m x +/- 4,80m) Galvalum roll up door motorized control with complete accessories and lockset	-	set						

22.6	Supply and installation of steel window grills					6					
ਲ 🗜	3/4" x 3/4" x 1.6mm thk square tubular window grills with 1/4" thk flat bar frame (epoxy painted) 3 coats, bolted										
	(3.20m x 1.70m) W1	4	set	14,633.00							
۰	(1.50m x 1.70m) W2	2 8	set	6,859.00							
22.10	(1.60m x 1.70m) W3	2 s	set	7,316.00							
22.11	(4.00m x 1.70m) W4	- 8	set	18,232.00							
	DOOR GRILLS										
3 E 8	(2.13M.X.1.70M) Stainless steel 1"x.1" x 1.6mm thk square tubular grills with 2" x.2" x 1.6mm thk square tubular frame stainless steel including handle, barrel bolt w hasp	-	set	35,000.00							
ਲ ਹ	3" x 3" x 1.6mm thk square tubular stainless steel jamb w/ cleats botted to conrete wall	-	set	10,000.00							
<u>س</u>	3 1/2" x 3 1/2" stainless steel hinges	8	bcs	400.00							
ш	Expansion bolt stainless steel	20 p	bcs	100.00							
IE.	ROOF CANOPY										
_ · ·	(+/- 1.80m x +/- 5.70m) Steel truss w/ roofing and metal spandrel ceiling	-	set	25,000.00							
п.	Provision of new fire exit door										
DZ.	Relocation of existing fire exit door and jamb	-	lot	2,500.00							
O	Concrete step (CHB w/ 12mmØ rebars)	-	lot	2,500.00							
∞ ≥	Relocation/reinstallation of (1.70m x 3.00m) sliding aluminum window		set	0.00							
	Sub-total										
1 5	LEFT SIDE REPAIR AND UPGARDING OF THE BUILDING (SITE WORKS)										
_ 0	Demoition and removal of roof canopy including trusses, ceiling and frames and disposal (9.00m length)	£ 8	m.ps	0.00							
0 8	Demolition/breaking of reinforced concrete road for building foundation (8 inches thick)										
O	ad	47	E	00:00							
-ES	Jackhammer with compressor (Rental)	3 de	days	00:00							
Œ.	Fuel consumption	15	#	50.00							
2	Jackhammer operator (2 - Skilled)	3	days	0.00							
ŏ	Compressor operator (1-Skilled)	3 0	days	0.00							
Ĭ	Helpers (2 Laborers)	3	days	00:00							
iii		10.53 ct	m.m	0.00							
0 5	Gravel bedding of foundation and ground floor and road restoration 1" Crashed gravel	3	cu.m	1,500.00							
Ø		61.5 sc	sq.m	100.00			A				
ш	Filling materials for elevated ground floor										
II.	Filling materials (Crashed rock or equal)	36 cı	m.m	800.00							
٦	Leveling and compaction (Machine compactor) 61	61.5 sc	m.ps	200.00							
Ö	Chipping of existing concrete for construction joint	-	ot	00:00							
ه ن	CONCRETING WORKS (Footing, tie beam, column, roof beams, lintel beams, flooring and road restoration										
\dashv		+	+				_	_	_		

8.	Class "A" Concrete (1.2.3 mixture)	8	m.mo	orum .	
8.2	Concrete cement hardener	2	bags	Sbeq	
o	REBAR WORKS (Footing, fie beam, column, roof beams, lintel beams, flooring and road restoration)				
9.1	16mmØ x 6.00m def.bar	22	bcs	804	
9.2	12mmØ x 6.00m def.bar	88	bcs	88	
9.3	10mmØ x 6.00m def.bar	98	bcs	88	
9.4	G.A 16 G.I Wire	15	kg	kg l	
6	FORM WORKS AND SCAFFOLDINGS (Tie beams, Columns, Roof beams, Intel beams)				
10.1	Assorted coco lumber	428	pd.ft	both	
10.2	G.A.16.G.I.Wire	2	kg	D2	
10.3	Assorted c.w nail and concrete nail	10	kg	D2	
10.4	1/2" x 4' 8' Phenolic form	13	bcs	800	
Ξ	I MASONRY WORKS				
11.1	Installation of 6" thk CHB with 10mm0 rebar @0.60m O.C.B.W with plastered cement finish on both face including columns and beams				
11.2	6" x 8" x 16" ordinary CHB	009	bcs	pes	
11.3	10mmØ x 6.00m def.bar	30	bcs	ppd ppd	
11.4	G.A 16 G.I Wire	2	kg	kg Signature and the signature	
11.5	Portland Cement	100	bags	Speci	
11.6	Sand	14	m.mo	chm	
12					
12.1	10mm thk gypsum board with 1" x 2" metal furring @0.60m O.C B.W wall angle and metal hangers	83	m.ps	urbs	
12.2	1" x 2" x 12' carrying channel	10	bcs	8d	
12.3	Assorted drill bit	2	bcs	594	
12.4	Steel scaffoldings (rental)	-	lot	lot	
5	STRUCTURAL WORKS AND METAL WORKS (ROOF FRAME)				
13.1	$3" \times 3" \times 5mm \times 20'$ Angular bar	18	bcs	500	
13.2	2" x 2" x 5mm x 20' Angular bar	8	sod	80.	
13.3	2" x 4" x 20' x 1.6mm thk tubular pipe	00	bcs	PGS	
13.4	16mmØ x 7.5m plain round bar	9	bcs	8d	
13.5	12mmØ x 7.5m plain round bar	6	bcs	PGS	
13.6	16mmØ turk buckle	4	bcs	St	
13.7	$2" \times 4" \times 20' \times 1.6mm$ thk B.I C-purlins	28	bcs	pes	
13.8	Welding rod "Fuji"	-	xoq	рох	
13.9	Cutting disc 14"Ø (Tyrolit)	-	bcs	pes	
13.10	Cutting disc 4"Ø	6	bcs	St.	
13.11	Grinding disc 4"Ø	2	bcs	St.	
13.14	Concrete drill bit 3/4"Ø	-	bcs	St.	
13.1	Jyna expansion bolt	24	bcs	pcs	
13.1	13.16 Epoxy primer	2	gal	leg	

13.17	Epoxy thinner	-	gal				
13.18	Brush and paint roller	2	bcs				
13.19	Turco rust converter	-	gal				
13.20	(0.30m x 2.44m x 12mm thk) Ficem board	6	bcs				
13.21	1.22m x 2.44m x 12mm thk Ficem board	2 p	bcs				
13.22	1 1/2" x 1 1/2" x 5mm x 20' Angular bar	16	bcs				
13.23	Black screw (2 1/2")	400 F	bcs				
14	TINSMITHRY WORKS						
14.1	Concrete wall cutting and chipping	18	Lm				
14.2	Installation of long span roofing with roof insulation						
14.3	(1.09m x 7.40m x 0.40mm thk) Pre-painted rib-type long span roofing	12	bcs				
14.4	(0.60m x 2.44m x 0.40mm thk) Pre-painted side flashing	2	bcs				
14.5	(0.60m x 2.44m x 0.40mm thk) Pre-painted wall flashing	2	bcs				
14.6	Polyethelene foam roof insulation with aluminum foil on both side (1 m x 12mm x 50m)	2 19	rolls				
14.7	Ducting tape	8	rolls				
14.8	1"x 1" G.I Screen	94 St	m.ps				
14.9	Metal texscrew (3")	650 p	bcs				
14. 10	Aluminum blind rivets	2 b	рох				
14.11	Silicon sealant	4 tu	tubes				
14.12	Vulca seal	-	III				
15	PAINTING WORKS						
15.1	Concrete walls including columns and beams (interior and exterior) 3 coats w/ surface preparation using skim coat, latex paint						
15.2	Ceiling (3 coats) interior and exterior	83 St	m.ps				
15.3	Latex paint (white) Concrete walls w/ surface preparation	141	m.ps				
16	GLASS AND ALUMINUM WORKS						
16.1	Supply and installation of analok aluminum sliding window						
16.2	(3.20m x 1.70m) Analok aluminum sliding window with 1/4" thk bronze glass w/ complete accessories and lockset	2	set				
16.3	Supply and installation of motorized roll up door						
16.4	(+/- 5.70m x +/- 4.80m) Galvalum roll up door motorized control with complete accessories and lockset	-	set				
16.5	Supply and installation of steel window grills						
16.6	3/4" x 3/4" x 1.6mm thk square tubular window grills with 1/4" thk flat bar frame (epoxy painled) 3 coats, botted						
16.7	(3.20m x 1.70m) W1	5	set				
16.8	(1.20m x 1.10m) W2	-	set				
16.9	(1.60m x 1.70m) W3	-	set				
11		+	-				
17.1	6" x 8" x 16" ordinary CHB		bcs				
17.2	12mmØ x 6.00m def.bar	\rightarrow	bcs				
17.3	17.3 10mmØ x 6.00m def.bar 1	10	bcs				

1/.4	G.A 16 G.I Wire	2	kg				
17.5	Class "A" Concrete (1.2:3 mixture)	2.10	cu.m				
17.6	Concrete cutting	20	Lm				
17.7	Concrete demolition	4.80	sq.m				
18	ROOF CANOPY						
18.1	(+/- 1.80m x +/- 6.15m) Steel truss w/ roofing and metal spandrel celling	-	set				
9	Provision of new fire exit door						
19.1	(0.90m x 2.10m) Steel fire exit door w/ steel jam	-	set				
19.2	Concrete step (CHB w/ 12mmØ rebars)	-	lot				
	Sub-total						
၁	ELECTRICAL WORKS						
23	Supply and installation of distribution circuits which includes fluorescent lighting fixtures, convenience outlets, switches, enclosed circuit breakers and other related electrical materials required for its operation and as indicated in the electrical layouts.						
7	Fluorescent fixtures with 18W LED T8 Tube, single, mirrorized with louver and surface mounted	9	sets				
1.2		9	sets				
1.3	Single convenience outlets, wide series, Panasonic with ground and cover	4	sets				
1,4	Automatic Emergency Light, 2 x 3W High Power SMT LED. Battery, 12v, 9.0Ah, Sealed Lead Acid	4 8	sets				
1.5	3.5 mm ² THHN/THWN wire (150m/roll)		rolls				
1.6	2.0 mm² THHN/THWN wire (green color)	06	E				
1.7	2.0 mm² THHN/THWN wire		E				
6.		∞	sets				
1.9	2-gang switch, wide series, Panasonic (for the replacement of the existing 3-gang switch)	-	set				
1.10	15mm diameter rigid steel conduit, Mayer brand	\rightarrow	pcs.				
1.11	20mm. Diameter rigid steel conduit, Mayer brand	28	sets				
1.12	15mm diameter locknut and bushing	\rightarrow	sets				
1.13	20mm diameter locknut and bushing	45	pcs.				
1.14	4 inch octagonal box with cover (metallic)	45	pcs.				
1.15		22	pcs.				
1.16		-	set				
1.17		-	lot				
	Sub-total						
	TOTAL PROJECT COST						

Section IX. Checklist of Technical and Financial Documents

Checklist of Technical and Financial Documents

Class "A" Documents

Les	<u>gal D</u>	<u>ocuments</u>
	(a)	Valid PhilGEPS Registration Certificate (Platinum Membership) (all pages);
	(b)	and 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;
	(c)	and 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;
	(d)	and Tax clearance per E.O. No. 398, s. 2005, as finally reviewed and approved by the Bureau of Internal Revenue (BIR)
Teo	chnic	al Documents
	(e)	Statement of the prospective bidder of all its ongoing government and private contracts, including contracts awarded but not yet, if any, whether similar or not similar in nature and complexity to the contract to be bid; and
	(f)	Statement of the bidder's Single Largest Completed Contract (SLCC) similar to the contract to be bid, except under conditions provided under the rules; and
	(g)	Philippine Contractors Accreditation Board (PCAB) License; or Special PCAB License in case of Joint Ventures;
	(h)	and registration for the type and cost of the contract to be bid; and Original copy of Bid Security. If in the form of a Surety Bond, submit also a certification issued by the Insurance Commission;
	(i)	or Original copy of Notarized Bid Securing Declaration; and Project Requirements, which shall include the following:
		 1. Organizational chart for the contract to be bid; 2. List of contractor's key personnel (e.g., Project Manager, Project Engineers, Materials Engineers, and Foremen), to be assigned to the contract to be bid, with their complete qualification and experience data;
		□ 3. List of contractor's major equipment units, which are owned, leased, and/or under purchase agreements, supported by proof of ownership or certification of availability of equipment from the equipment lessor/vendor for the duration of the project, as the case may be; and
\Box	(i)	Original duly signed Omnibus Sworn Statement (OSS):

	<u>and</u> 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.
	Bid Bulletin (if applicable)
□ (l)	Certificate of Site Inspection
<i>Financi</i> □ (m)	The prospective bidder's audited financial statements, showing, among others, the prospective bidder's total and current assets and liabilities, stamped "received" by the BIR or its duly accredited and authorized institutions, for the preceding calendar year which should not be earlier than two (2) years from the date of bid submission; and
□ (n)	The prospective bidder's computation of Net Financial Contracting Capacity (NFCC). Class "B" Documents
□ (o)	If applicable, duly signed joint venture agreement (JVA) in accordance with RA No. 4566 and its IRR 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.
	CIAL COMPONENT ENVELOPE Original of duly signed and accomplished Financial Bid Form; and
•	ocumentary requirements under RA No. 9184

Bidding Forms

LIST OF ALL ONGOING CONTRACTS	53
STATEMENT OF SLCC	54
BID SECURING DECLARATION	55
ORGANIZATION CHART	
LIST OF CONTRACTOR'S KEY PERSONNEL	58
LIST OF EQUIPMENT	60
OMNIBUS SWORN STATEMENT	61
Authority of Signatory (Secretary' Cert.)	63
Authority of Signatory (SPA)	65
NFCC	66
BID FORM	67

Procuring Entity: PHILIPPINE NUCLEAR RESEARCH INSTITUTE
Name of the Project: Repair and Upgrading of Multipurpose Gamma Irradiation Facility Storage Area of Cobalt-60 Facility Building
Location of the Project: PNRI Compound, Commonwealth Avenue, Diliman, Quezon City

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

Business Name :									
Name of Contract/Location		Owner Name		Contractor's Role		1	% of Accomplishment		Value of
Project Cost	ن ف	Address Telephone Nos.	Nature of Work	Description	%	b. Date Started c. Date of Completion	"		Outstanding Works
Government									
	2								
<u>Private</u>									
Note: This statement shall be supported with:	orted	l with:					Total Cost);	

Certificate of Accomplishments signed by the owner or Project Engineer

2 Notice to Proceed issued by the owner 1 Notice of Award and/or Contract

(Printed Name & Signature)

Submitted by

Designation Date

Name of the Project: Repair and Upgrading of Multipurpose Gamma Irradiation Facility Storage Area of Cobalt-60 Facility Building Location of the Project: PNRI Compound, Commonwealth Avenue, Diliman, Quezon City

Statement of Single Largest Completed Contracts (SLCC) in the last five (5) years

Business Name :					
Name of Contract	a. Owner Name		Contractor's Role	a. Amount at Award	a. Date Awarded
	b. Address c. Telephone Nos.	Nature of Work	Description %		
Government					
<u>Private</u>					
Note: This statement shall be supported with:	rted with:		5		2
1 Contract					
2 CPES rating sheets and/or Certificate of Completion	icate of Completion				
3 Certificate of Acceptance					

(Printed Name & Signature)

Submitted by

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]

Name of the Project: Repair and Upgrading of Multipurpose Gamma Irradiation Facility Storage Area of

Cobalt-60 Facility Building

Location of the Project: PNRI Compound, Commonwealth Avenue, Diliman, Quezon City

Contractor's Organizational Chart for the Contract

Submit Copy of the Organizational Chart that the Contractor intends to use to execute the Contract if awarded to him. Indicate in the chart the names of the Project Manager, Project Engineer, Bridge Engineer, Structural Engineer, Materials and Quality Control Engineer, Foreman and other Key Engineering Personnel.

Attached the required Proposed Organizational Chart for the contract as stated above

Authorized Managing Officer / Representative

Sustained Technical Employee

Name of the Project: Repair and Upgrading of Multipurpose Gamma Irradiation Facility Storage Area of

Cobalt-60 Facility Building

Location of the Project: PNRI Compound, Commonwealth Avenue, Diliman, Quezon City

KEY PERSONNEL (FORMAT OF BIO-DATA)

Give the detailed information of the following personnel who are scheduled to be assigned as full-time field staff for the project. Fill up a form for each person.

1.	Name	:	_		
2.	Date of Birth	:			
3.	Nationality	:			
4.	Education and Degrees	:			
5.	Specialty	:			
6.	Registration	:			
7.	Length of Service with the Firm	:	Year from To	(months) (months)	(year) (year)
8.	Years of Experience	:			
9.	If Item 7 is less than ten (10) year for a ten (10)-year period (attach	ars, give ned addit	name and length of so ional sheet/s), if neces	ervice with previo ssary:	us employers
	Name and Address of Employer		Length of Ser year(s) from year(s) from year(s) from	to to	
10.	Experience: This should cover the past ten (10 to show involvement of personne				as necessary
1.	Name	:			
2.	Name and Address of Owner	:			
3.	Name and Address of the Owner's Engineer (Consultant)	:			
4.	Indicate the Features of Project (particulars of the project components and any other particulars of the project interest connected with the project				

5.	Contract Amount Expressed in Philippine Currency	:				
6.	Position	:				
7.	Structures for which the employee was responsible	:				_
8.	Assignment Period	:	from	(months)	(years)	
		:	to	(months)	(years)	
	s hereby certified that the above parded to our company.	ersonr	nel can be assi	gned to this projec	t, if the contract is	
		ersonr	iei can be assig	jned to this projec	t, if the contract is	
	(Place and Date)			(The Authoriz	zed Representative)	-

Procuring Entity: PHILIPPINE NUCLEAR RESEARCH INSTITUTE
Name of the Project: Repair and Upgrading of Multipurpose Gamma Irradiation Facility Storage Area of Cobalt-60 Facility Building
Location of the Project: PNRI Compound, Commonwealth Avenue, Diliman, Quezon City

List of Equipment, Owned or Leased and/or under Purchase Agreements, Pledged to the Proposed Contract

Business Name Business Address

Description	Model/Year	Capacity / Performance / Size	Plate No.	Motor No. / Body No.	Location	Condition	Proof of Ownership / Lessor or Vendor
4. Owned							
J*							
.!!							
۷.							
,							
3. Leased							
<u></u>							
۷.							
7							
Under Purchase Agreements							
9							
::							
۷.							
7							
List of minimum equipment required for the project:	ed for the proje	÷					

(Printed Name & Signature)

Submitted by

Designation Date

Omnibus Sworn Statement

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

AFFIDAVIT

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

1. Select one, delete the other:

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

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

2. Select one, delete the other:

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

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

- 3. [Name of Bidder] is not "blacklisted" or barred from bidding by the Government of the Philippines or any of its agencies, offices, corporations, or Local Government Units, foreign government/foreign or international financing institution whose blacklisting rules have been recognized by the Government Procurement Policy Board, 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 enduser 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]

Name of the Project: Repair and Upgrading of Multipurpose Gamma Irradiation Facility Storage Area of Cobalt-60 Facility Building

Location of the Project: PNRI Compound, Commonwealth Avenue, Diliman, Quezon City

AUTHORITY OF SIGNATORY

SECRETARY'S CERTIFICATE

											lified Cor			
of	-													ue of
the la	w of the_								DO HE	REBY (CERTIFY,	that:		
	I am fa	ımiliar v	vith the	facts h	erein	certi	fied an	d duly a	author	ized to	certify th	ne sar	me;	
held c		regular									ation du			
	ing resol										d, revoke	ed and	d amer	nded
	RESOL	VED, th	nat	(Nan	ne of	the B	Bidder)		be, a	as it he	reby is, a	autho	rized t	:O
partic	ipate	in	the	biddin	g by	of the		(Nar		of Procuri	the ing Entit		ract)	hat if
in coi autho and a might	led the Connection rized and uthority (Name of the confirming RESOL (1)	therew design to do, end of the Bid sonally all that	ith here ated re execute dder) presen my sai	eby app present and pe in the t with f d repres	oints atives erform biddi full posentat he Bo	s of n any ng as ower tive sl	(Nar (Nam and a fully a of sub hall law	ne of I e of the ll acts nd effe stitution of fully do authori	Represe Biddenecess ctively nand or call zes its	entativer), sary and as the revocatuse to be Presid	e) and grad d/or to (Nam tion and be done be	, acti nted f repres ne of t hereb oy virt	ing as full p sent <u>the Bi</u> y satis tue he	duly oower <u>dder)</u> sfying
	(1)	hereby	/ submi	its itself	to th	e juri	sdictio	n of he	Philipp	oine go	vernmen e courts;	t and		У
	(2)	of inju in con related	nctions nectior I theret	or proh with t	ibitio his C egotia	n or r ontra ating	estrain ct to post of and	ing ord brevent award o	er aga and ı	inst the estrain	I not see AFP or a the bid a succe	any ot Iding	ther ag proced	gency dures
	WITNE	SS th	e sig	nature	of		unde his	rsigned	as	such	officer 	of	the	said
								(Corp	orate	Secreta	rv)			
								(Corp	orace .	عودا واه	' y <i>)</i>			

ACKNOWLEDGMENT

50	JBSC	KIRE	D AND SI	WORN to bero	re me	thisday or	, 2υ <u></u> aπι	ant
exhibited	to	me	his/her	Community	Tax	Certificate No.	issued	or
			at			, Philippines.		
						Notary Public		
						Until 31 December 20		
						PTR No		
						Issued at:		
						Issued on:		
						TIN No.		
Doc. No.								
Page No.								
Book No.								
Series of								
Selies OI								

Name of the Project: Repair and Upgrading of Multipurpose Gamma Irradiation Facility Storage Area of Cobalt-60 Facility Building

Location of the Project: PNRI Compound, Commonwealth Avenue, Diliman, Quezon City

AUTHORITY OF SIGNATORY

SPECIAL POWER OF ATTORNEY

I.	, President of	, а
I,	of	with its
registered office at		by virtue of Board
Resolution Nodated	, has ma	de, constituted and
appointedplace and stead, to do, execute and pe	true and lawful attorney	, for it and its name,
place and stead, to do, execute and pe	in the	hidding of
	in theas fully and effectively as cor	poration might do if
personally present with full power of substit representative shall lawfully do or cause to	cution and revocation and hereby co	onfirming all that said
IN WITNESS WHEREOF, I hav	•	s day of
Signed in the Presence of:		
ACKN	OWLEDGMENT	
DEDURE IS OF THE DUTI IDDINES)		
REPUBLIC OF THE PHILIPPINES) QUEZON CITY)SS.		
BEFORE ME, a Notary Public for a, 20, personally a		hisday of
NAME CTC	ISSUED AT/ON	_
		_
known to me and known to be the same per of() pages, including the packnowledged before me that the same is Corporation he represents.	page whereon the acknowledgme	ents is written and
WITNESS MY HAND AND NOTARIAL	SEAL, at the place and on the date	e 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 the Project: Repair and Upgrading of Multipurpose Gamma Irradiation Facility Storage Area of

Cobalt-60 Facility Building

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]

Address: [insert address]

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, declare that:

- (a) We have examined and have no reservation to the Bidding Documents, including Addenda, for the Contract [insert name of contract];
- (b) We offer to execute the Works for this Contract in accordance with the PBDs;
- (c) The total price of our Bid in words and figures, excluding any discounts offered below is: [insert information];
- (d) The discounts offered and the methodology for their application are: <u>[insert information]</u>;
- (e) 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 and reflected in the detailed estimates;
- (f) Our Bid shall be valid within the period stated in the PBDs, and it shall remain binding upon us at any time before the expiration of that period;
- (g) If our Bid accepted, we commit to obtain a Performance Security in the amount of *[insert percentage amount]* percent of the Contract Price for the due performance of the Contract, or a Performance Securing Declaration in lieu of the allowable forms of Performance Security, subject to the terms and conditions of issued GPPB guidelines for this purpose;
- (h) We are not participating, as Bidders, in more than one Bid in this bidding process, other than alternative offers in accordance with the Bidding Documents;
- (i) We understand that this Bid, together with your written acceptance thereof included in your notification of award, shall constitute a binding contract between us, until a formal Contract is prepared and executed; and
- (j) We understand that you are not bound to accept the Lowest Calculated Bid or any other Bid that you may receive.
- (k) We likewise certify/confirm that the undersigned, is the duly authorized representative of the bidder, and 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 the [Name of Project] of the [Name of the Procuring Entity].
- (I) We acknowledge that failure to sign each and every page of this Bid Form, including the Bill of Quantities, shall be a ground for the rejection of our bid.

Name:	
In the capacity of:	
Signed:	
Duly authorized to sign the Bid for and on behalf of:	
Date:	

