

# PHILIPPINE BIDDING DOCUMENTS



**Department of Agriculture**  
**PHILIPPINE FISHERIES DEVELOPMENT AUTHORITY**  
**Navotas Fish Port Complex**

**Sixth Edition**  
**July 2020**

# Preface

These Philippine Bidding Documents (PBDs) for the procurement of Goods through Competitive Bidding have been prepared by the Government of the Philippines for use by any branch, constitutional commission or office, agency, department, bureau, office, or instrumentality of the Government of the Philippines, National Government Agencies, including Government-Owned and/or Controlled Corporations, Government Financing Institutions, State Universities and Colleges, and Local Government Unit. The procedures and practices presented in this document have been developed through broad experience, and are for mandatory use in projects that are financed in whole or in part by the Government of the Philippines or any foreign government/foreign or international financing institution in accordance with the provisions of the 2016 revised Implementing Rules and Regulations of Republic Act No. 9184.

The Bidding Documents shall clearly and adequately define, among others: (i) the objectives, scope, and expected outputs and/or results of the proposed contract or Framework Agreement, as the case may be; (ii) the eligibility requirements of Bidders; (iii) the expected contract or Framework Agreement duration, the estimated quantity in the case of procurement of goods, delivery schedule and/or time frame; and (iv) the obligations, duties, and/or functions of the winning bidder.

Care should be taken to check the relevance of the provisions of the PBDs against the requirements of the specific Goods to be procured. If duplication of a subject is inevitable in other sections of the document prepared by the Procuring Entity, care must be exercised to avoid contradictions between clauses dealing with the same matter.

Moreover, each section is prepared with notes intended only as information for the Procuring Entity or the person drafting the Bidding Documents. They shall not be included in the final documents. The following general directions should be observed when using the documents:

- a. All the documents listed in the Table of Contents are normally required for the procurement of Goods. However, they should be adapted as necessary to the circumstances of the particular Procurement Project.
- b. Specific details, such as the “*name of the Procuring Entity*” and “*address for bid submission*,” should be furnished in the Instructions to Bidders, Bid Data Sheet, and Special Conditions of Contract. The final documents should contain neither blank spaces nor options.
- c. This Preface and the footnotes or notes in italics included in the Invitation to Bid, Bid Data Sheet, General Conditions of Contract, Special Conditions of Contract, Schedule of Requirements, and Specifications are not part of the text of the final document, although they contain instructions that the Procuring Entity should strictly follow.

- d. The cover should be modified as required to identify the Bidding Documents as to the Procurement Project, Project Identification Number, and Procuring Entity, in addition to the date of issue.
- e. Modifications for specific Procurement Project details should be provided in the Special Conditions of Contract as amendments to the Conditions of Contract. For easy completion, whenever reference has to be made to specific clauses in the Bid Data Sheet or Special Conditions of Contract, these terms shall be printed in bold typeface on Sections I (Instructions to Bidders) and III (General Conditions of Contract), respectively.
- f. For guidelines on the use of Bidding Forms and the procurement of Foreign-Assisted Projects, these will be covered by a separate issuance of the Government Procurement Policy Board.

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# ***Glossary of Acronyms, Terms, and Abbreviations***

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

**BAC** – Bids and Awards Committee.

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

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

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

**BIR** – Bureau of Internal Revenue.

**BSP** – Bangko Sentral ng Pilipinas.

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

**CDA** - Cooperative Development Authority.

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

**CIF** – Cost Insurance and Freight.

**CIP** – Carriage and Insurance Paid.

**CPI** – Consumer Price Index.

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

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

**EXW** – Ex works.

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

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

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

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

**GFI** – Government Financial Institution.

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

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

**GOP** – Government of the Philippines.

**GPPB** – Government Procurement Policy Board.

**INCOTERMS** – International Commercial Terms.

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

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

**LGUs** – Local Government Units.

**NFCC** – Net Financial Contracting Capacity.

**NGA** – National Government Agency.

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

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

**PSA** – Philippine Statistics Authority.

**SEC** – Securities and Exchange Commission.

**SLCC** – Single Largest Completed Contract.

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

**UN** – United Nations.

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





**INVITATION TO BID FOR THE  
SUPPLY AND DELIVERY OF THREE (3) UNITS 20-FOOTER  
REFRIGERATED VAN (MOBILE COLD STORAGE)  
FOR THE NFPC  
(RE-BIDDING)  
(NFPC GOODS2022-002)**

1. The Philippine Fisheries Development Authority - Navotas Fish Port Complex through CY 2022 General Appropriation Act intends to apply the sum of Four Million Nine Hundred Twenty Thousand Three Hundred Fifty One Pesos & 53/100 (₱ 4,920,351.53) being the Approved Budget of the Contract (ABC) to payments under the contract for the Supply and Delivery of Three (3) Units 20-Footer Refrigerated Van (Mobile Cold Storage) for the NFPC. Bids received in excess of the ABC shall be automatically rejected at bid opening.

2. The Philippine Fisheries Development Authority - Navotas Fish Port Complex now invites bids for the above Procurement Project. Bidders should have completed, within five (5) years from the date of submission and receipt of bids, a contract similar to the Project. The description of an eligible bidder is contained in the Bidding Documents, particularly, in Section II (Instructions to Bidders).

3. Bidding will be conducted through open competitive bidding procedures using a non-discretionary "pass/fail" criterion as specified in the 2016 revised Implementing Rules and Regulations (IRR) of Republic Act (RA) No. 9184.

In addition, bidding is restricted to Filipino citizens/sole proprietorships, partnerships, or organizations with at least sixty percent (60%) interest or outstanding capital stock belonging to citizens of the Philippines, and to citizens or organizations of a country the laws or regulations of which grant similar rights or privileges to Filipino citizens, pursuant to RA No. 5183.

4. Prospective Bidders may obtain further information from PFDA-Navotas Fish Port Complex and inspect the Bidding Documents at the address given below during office hours, from 8:00 a.m. to 5:00 p.m., Monday to Friday
5. A complete set of Bidding Documents may be acquired by interested Bidders on November 14, 2022 from the NPFC Regional Bids and Awards Committee (RBAC) Secretariat at Ground Floor, PFDA Administration Office, Navotas Fish Port Complex, North Bay Boulevard, Navotas City and upon payment of applicable fee for the Bidding Documents, pursuant to the latest Guidelines issued by the GPPB in the amount of Five Thousand Pesos (₱ 5,000.00) tax exclusive.



It may also be downloaded free of charge from the website of the Philippine Government Electronic Procurement System (PhilGEPS) and the website of the

Procuring Entity, provided that Bidders shall pay the applicable fee for the Bidding Documents not later than the submission of their bids.

6. The PFDA - NFPC will hold a Pre-Bid Conference<sup>1</sup> on November 23, 2022, 2:00 p.m. at the Ground Floor, PFDA GAD Building, Navotas Fish Port Complex, North Bay Boulevard, Navotas City and/or through video conferencing or webcasting (Google Meet) which shall be open to prospective bidders. .
7. Bids must be duly received by the NFPC RBAC Secretariat at the Ground Floor, PFDA GAD Building, Navotas Fish Port Complex, North Bay Boulevard, Navotas City on or before 12:00 noon, December 9, 2022. Late bids shall not be accepted.
8. All Bids must be accompanied by a bid security in any of the acceptable forms and in the amount stated in **ITB** Clause 14.
9. Bid opening shall be on December 9, 2022, 2:00 p.m. at the Ground Floor, PFDA GAD Bldg., Navotas Fish Port Complex, North Bay Boulevard, Navotas City . Bids will be opened in the presence of the bidders' representatives who choose to attend the activity.
10. The PFDA - Navotas Fish Port Complex reserves the right to reject any and all bids, declare a failure of bidding, or not award the contract at any time prior to contract award in accordance with Sections 35.6 and 41 of the 2016 revised IRR of RA No. 9184, without thereby incurring any liability to the affected bidder or bidders.
11. For further information, please refer to:

**Ms. Maris Stella C. Cruz**  
NFPC RBAC Secretariat  
Ground Floor, PFDA Admin Bldg.  
Navotas Fish Port Complex  
North Bay Boulevard, Navotas City  
Tel. No. (02) 8359-1604  
Email: rbac\_nfpc@pfda.gov.ph

November 14, 2022



**ARFILO C. CATIPAY**  
Chairperson - NFPC RBAC

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

## **1. Scope of Bid**

The Procuring Entity, Philippine Fisheries Development Authority - Navotas Fish Port Complex (PFDA-NFPC) wishes to receive Bids for the procurement for the Supply and Delivery of Three (3) Units 20-Footer Refrigerated Van (Mobile Cold Storage) for the NFPC with identification NFPC GOODS2022-002.

The Procurement Project (referred to herein as “Project”) is composed of three (3) units 20-Footer Refrigerated Van (Mobile Cold Storage) details of which are described in Section VII (Technical Specifications).

## **2. Funding Information**

2.1. The GOP through the source of funding as indicated below for CY 2022 in the amount of Four Million Nine Hundred Twenty Thousand Three Hundred Fifty One Pesos and 53/100 (Php 4,920,351.53).

2.2. The source of funding is NGA, the General Appropriations Act or Special Appropriations.

## **3. Bidding Requirements**

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

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

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

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

The Procuring Entity, as well as the Bidders and Suppliers, shall observe the highest standard of ethics during the procurement and execution of the contract. They or through an agent shall not engage in corrupt, fraudulent, collusive, coercive, and obstructive practices defined under Annex “I” of the 2016 revised IRR of RA No. 9184 or other integrity violations in competing for the Project.

## **5. Eligible Bidders**

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

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

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

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

## **6. Origin of Goods**

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

## **7. Subcontracts**

7.1. Subcontracting is not allowed.

## **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 Ground Floor PFDA GAD Building, Navotas Fish Port, Navotas City and/or through videoconferencing/webcasting as indicated in paragraph 6 of the **IB**.

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

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

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

- 10.1. The first envelope shall contain the eligibility and technical documents of the Bid as specified in **Section VIII (Checklist of Technical and Financial Documents)**.
- 10.2. The Bidder's SLCC as indicated in **ITB** Clause 5.3 should have been completed within five (5) years prior to the deadline for the submission and receipt of bids.
- 10.3. If the eligibility requirements or statements, the bids, and all other documents for submission to the BAC are in foreign language other than English, it must

be accompanied by a translation in English, which shall be authenticated by the appropriate Philippine foreign service establishment, post, or the equivalent office having jurisdiction over the foreign bidder's affairs in the Philippines. Similar to the required authentication above, for Contracting Parties to the Apostille Convention, only the translated documents shall be authenticated through an apostille pursuant to GPPB Resolution No. 13-2019 dated 23 May 2019. The English translation shall govern, for purposes of interpretation of the bid.

## **11. Documents comprising the Bid: Financial Component**

- 11.1. The second bid envelope shall contain the financial documents for the Bid as specified in **Section VIII (Checklist of Technical and Financial Documents)**.
- 11.2. If the Bidder claims preference as a Domestic Bidder or Domestic Entity, a certification issued by DTI shall be provided by the Bidder in accordance with Section 43.1.3 of the 2016 revised IRR of RA No. 9184.
- 11.3. Any bid exceeding the ABC indicated in paragraph 1 of the **IB** shall not be accepted.
- 11.4. For Foreign-funded Procurement, a ceiling may be applied to bid prices provided the conditions are met under Section 31.2 of the 2016 revised IRR of RA No. 9184.

## **12. Bid Prices**

- 12.1. Prices indicated on the Price Schedule shall be entered separately in the following manner:
  - a. For Goods offered from within the Procuring Entity's country:
    - i. The price of the Goods quoted EXW (ex-works, ex-factory, ex-warehouse, ex-showroom, or off-the-shelf, as applicable);
    - ii. The cost of all customs duties and sales and other taxes already paid or payable;
    - iii. The cost of transportation, insurance, and other costs incidental to delivery of the Goods to their final destination; and
    - iv. The price of other (incidental) services, if any, listed in the **BDS**.
  - b. For Goods offered from abroad:
    - i. Unless otherwise stated in the **BDS**, the price of the Goods shall be quoted delivered duty paid (DDP) with the place of destination in the Philippines as specified in the **BDS**. In quoting the price, the Bidder shall be free to use transportation through carriers registered in any eligible country. Similarly, the Bidder may obtain insurance services from any eligible source country.

- ii. The price of other (incidental) services, if any, as listed in the **BDS**.

### **13. Bid and Payment Currencies**

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

### **14. Bid Security**

- 14.1. The Bidder shall submit a Bid Securing Declaration<sup>1</sup> or any form of Bid Security in the amount indicated in the **BDS**, which shall be not less than the percentage of the ABC in accordance with the schedule in the **BDS**.
- 14.2. The Bid and bid security shall be valid until April 8, 2022. Any Bid not accompanied by an acceptable bid security shall be rejected by the Procuring Entity as non-responsive.

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

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

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

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

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

- 16.1. The Bidders shall submit on the specified date and time and either at its physical address or through online submission as indicated in paragraph 7 of the **IB**.

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

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

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

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

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

## **18. Domestic Preference**

- 18.1. The Procuring Entity will grant a margin of preference for the purpose of comparison of Bids in accordance with Section 43.1.2 of the 2016 revised IRR of RA No. 9184.

## **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 the 2016 revised IRR of RA No. 9184..
- 19.2. If the Project allows partial bids, bidders may submit a proposal on any of the lots or items, and evaluation will be undertaken on a per lot or item basis, as the case maybe. In this case, the Bid Security as required by **ITB** Clause 14 shall be submitted for each lot or item separately.
- 19.3. The descriptions of the lots or items shall be indicated in **Section VII (Technical Specifications)**, although the ABCs of these lots or items are indicated in the **BDS** for purposes of the NFCC computation pursuant to Section 23.4.2.6 of the 2016 revised IRR of RA No. 9184. The NFCC must be sufficient for the total of the ABCs for all the lots or items participated in by the prospective Bidder.
- 19.4. The Project shall be awarded as one project having several items that shall be awarded as one contract.
- 19.5. Except for bidders submitting a committed Line of Credit from a Universal or Commercial Bank in lieu of its NFCC computation, all Bids must include the NFCC computation pursuant to Section 23.4.1.4 of the 2016 revised IRR of RA No. 9184, which must be sufficient for the total of the ABCs for all the lots or items participated in by the prospective Bidder. For bidders submitting the committed Line of Credit, it must be at least equal to ten percent (10%) of the ABCs for all the lots or items participated in by the prospective Bidder.



## **20. Post-Qualification**

- 20.2. Within a non-extendible period of five (5) calendar days from receipt by the Bidder of the notice from the BAC that it submitted the Lowest Calculated Bid, the Bidder shall submit its latest income and business tax returns filed and paid through the BIR Electronic Filing and Payment System (eFPS) and other appropriate licenses and permits required by law and stated in the **BDS**.

## **21. Signing of the Contract**

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

### ***Section III. Bid Data Sheet***

# Bid Data Sheet

ITB Clause	
5.3	<p>For this purpose, contracts similar to the Project shall be equivalent to at least fifty percent (50%) of the ABC:</p> <ul style="list-style-type: none"> <li>a. Refrigerated Van (Mobile Cold Storage)</li> <li>b. completed within five (5) years prior to the deadline for the submission and receipt of bids.</li> </ul>
7.1	Not applicable
12	The price of the Goods supplied from outside the Philippines shall be quoted in Philippine Peso.
14.1	<p>The bid security shall be in the form of a Bid Securing Declaration, or any of the following forms and amounts:</p> <ul style="list-style-type: none"> <li>a. The amount of not less than ₱ 98,407.03, if bid security is in cash, cashier's/manager's check, bank draft/guarantee or irrevocable letter of credit; or</li> <li>b. The amount of not less than ₱ 246,017.58 if bid security is in Surety Bond.</li> </ul>
20.2	N/A

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

## **1. Scope of Contract**

This Contract shall include all such items, although not specifically mentioned, that can be reasonably inferred as being required for its completion as if such items were expressly mentioned herein. All the provisions of RA No. 9184 and its 2016 revised IRR, including the Generic Procurement Manual, and associated issuances, constitute the primary source for the terms and conditions of the Contract, and thus, applicable in contract implementation. Herein clauses shall serve as the secondary source for the terms and conditions of the Contract.

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

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

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

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

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

## **3. Performance Security**

Within ten (10) calendar days from receipt of the Notice of Award by the Bidder from the Procuring Entity but in no case later than the signing of the Contract by both parties, the successful Bidder shall furnish the performance security in any of the forms prescribed in Section 39 of the 2016 revised IRR of RA No. 9184, the Bidder may opt to furnish the performance security or a Performance Securing Declaration as defined under the Guidelines on the Use of Framework Agreement./

## **4. Inspection and Tests**

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

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

## **5. Warranty**

- 5.1 In order to assure that manufacturing defects shall be corrected by the Supplier, a warranty shall be required from the Supplier as provided under Section 62.1 of the 2016 revised IRR of RA No. 9184.
- 5.2 The Procuring Entity shall promptly notify the Supplier in writing of any claims arising under this warranty. Upon receipt of such notice, the Supplier shall, repair or replace the defective Goods or parts thereof without cost to the Procuring Entity, pursuant to the Generic Procurement Manual.

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

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

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

## ***Section V. Special Conditions of Contract***

## Special Conditions of Contract

GCC Clause	
1	<p><b>Delivery and Documents –</b></p> <p>For purposes of the Contract, “EXW,” “FOB,” “FCA,” “CIF,” “CIP,” “DDP” and other trade terms used to describe the obligations of the parties shall have the meanings assigned to them by the current edition of INCOTERMS published by the International Chamber of Commerce, Paris. The Delivery terms of this Contract shall be as follows:</p> <p>The delivery terms applicable to this Contract are delivered to PFDA - Navotas Fish Port Complex. Risk and title will pass from the Supplier to the Procuring Entity upon receipt and final acceptance of the Goods at their final destination.”</p> <p>Delivery of the Goods shall be made by the Supplier in accordance with the terms specified in Section VI (Schedule of Requirements).</p> <p>For purposes of this Clause the Procuring Entity’s Representatives at the Project Site is Mr. Arfilo C. Catipay.</p> <p><b>Incidental Services –</b></p> <p>The Supplier is required to provide all of the following services, including additional services, if any, specified in Section VI. Schedule of Requirements:</p> <ul style="list-style-type: none"> <li>a. performance or supervision of on-site assembly and/or start-up of the supplied Goods;</li> <li>b. furnishing of tools required for assembly and/or maintenance of the supplied Goods;</li> <li>c. furnishing of a detailed operations and maintenance manual for each appropriate unit of the supplied Goods;</li> <li>d. performance or supervision or maintenance and/or repair of the supplied Goods, for a period of time agreed by the parties, provided that this service shall not relieve the Supplier of any warranty obligations under this Contract; and</li> </ul>
	<ul style="list-style-type: none"> <li>e. training of the Procuring Entity’s personnel, at the Supplier’s plant and/or on-site, in assembly, start-up, operation, maintenance, and/or repair of the supplied Goods.</li> </ul>



	<p>The Contract price for the Goods shall include the prices charged by the Supplier for incidental services and shall not exceed the prevailing rates charged to other parties by the Supplier for similar services.</p> <p><b>Spare Parts –</b></p> <p>The Supplier is required to provide all of the following materials, notifications, and information pertaining to spare parts manufactured or distributed by the Supplier:</p> <p><i>Select appropriate requirements and delete the rest.</i></p> <ol style="list-style-type: none"> <li>1. such spare parts as the Procuring Entity may elect to purchase from the Supplier, provided that this election shall not relieve the Supplier of any warranty obligations under this Contract; and</li> <li>2. in the event of termination of production of the spare parts: <ol style="list-style-type: none"> <li>i. advance notification to the Procuring Entity of the pending termination, in sufficient time to permit the Procuring Entity to procure needed requirements; and</li> <li>ii. following such termination, furnishing at no cost to the Procuring Entity, the blueprints, drawings, and specifications of the spare parts, if requested.</li> </ol> </li> </ol> <p>The spare parts and other components required are listed in <b>Section VI (Schedule of Requirements)</b> and the costs thereof are included in the contract price.</p> <p>The Supplier shall carry sufficient inventories to assure ex-stock supply of consumable spare parts or components for the Goods for a period of three (3) years.</p> <p>Spare parts or components shall be supplied as promptly as possible, but in any case, within one (1) months of placing the order.</p>
	<p><b>Packaging –</b></p> <p>The Supplier shall provide such packaging of the Goods as is required to prevent their damage or deterioration during transit to their final destination, as indicated in this Contract. The packaging shall be sufficient to withstand, without limitation, rough handling during transit and exposure to extreme temperatures, salt and precipitation during transit, and open storage. Packaging case size and weights shall take into consideration, where appropriate, the remoteness of the Goods’ final destination and the absence of heavy handling facilities at all points in transit.</p>

	<p>The packaging, marking, and documentation within and outside the packages shall comply strictly with such special requirements as shall be expressly provided for in the Contract, including additional requirements, if any, specified below, and in any subsequent instructions ordered by the Procuring Entity.</p> <p>The outer packaging must be clearly marked on at least four (4) sides as follows:</p> <p>Name of the Procuring Entity  Name of the Supplier  Contract Description  Final Destination  Gross weight  Any special lifting instructions  Any special handling instructions  Any relevant HAZCHEM classifications</p>
	<p>A packaging list identifying the contents and quantities of the package is to be placed on an accessible point of the outer packaging if practical. If not practical the packaging list is to be placed inside the outer packaging but outside the secondary packaging.</p> <p><b>Transportation –</b></p> <p>Where the Supplier is required under Contract to deliver the Goods CIF, CIP, or DDP, transport of the Goods to the port of destination or such other named place of destination in the Philippines, as shall be specified in this Contract, shall be arranged and paid for by the Supplier, and the cost thereof shall be included in the Contract Price.</p> <p>Where the Supplier is required under this Contract to transport the Goods to a specified place of destination within the Philippines, defined as the Project Site, transport to such place of destination in the Philippines, including insurance and storage, as shall be specified in this Contract, shall be arranged by the Supplier, and related costs shall be included in the contract price.</p>
	<p>Where the Supplier is required under Contract to deliver the Goods CIF, CIP or DDP, Goods are to be transported on carriers of Philippine registry. In the event that no carrier of Philippine registry is available, Goods may be shipped by a carrier which is not of Philippine registry provided that the Supplier obtains and presents to the Procuring Entity certification to this effect from the nearest Philippine consulate to the port of dispatch. In the event that carriers of Philippine registry are available but their schedule delays the Supplier in its performance of this Contract the period from when the Goods were first ready for shipment and the actual date of shipment the period of delay will be considered force majeure.</p> <p>The Procuring Entity accepts no liability for the damage of Goods during transit other than those prescribed by INCOTERMS for DDP deliveries. In the case of Goods supplied from within the Philippines or supplied by domestic</p>

	<p>Suppliers risk and title will not be deemed to have passed to the Procuring Entity until their receipt and final acceptance at the final destination.</p> <p><b>Intellectual Property Rights –</b></p> <p>The Supplier shall indemnify the Procuring Entity against all third-party claims of infringement of patent, trademark, or industrial design rights arising from use of the Goods or any part thereof.</p>
2.2	The terms of payment shall be one (1) month after the delivery subject to completion of the required documents.
4	The inspections and tests that will be conducted are upon delivery of the items:

## ***Section VI. Schedule of Requirements***

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

<b>Description</b>	<b>Quantity</b>	<b>Total</b>	<b>Delivered, Weeks/Months</b>
20-Footer Refrigerated Van (Mobile Cold Storage)	3	3	30 working days
***NOTHING FOLLOWS***			

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

## **TECHNICAL SPECIFICATIONS MECHANICAL WORKS**

### **A. SCOPE OF WORK**

The works under this section shall include the following:

1. Procurement and Supply of brand new standard 20 ft. reefer container
2. Delivery to project site.
3. Installation including supervision.
4. Commissioning of all equipment and accessories into normal operating condition in accordance with the desired capacity and systems operation stipulated under this specification.
5. Reliability trial testing for five (5) days including training of PFDA personnel and warranty of one (1) year against defects/deficiencies in workmanship, equipments, materials and components.

### **B. GENERAL SPECIFICATIONS**

1. 20' Reefer Container (3 units)
  - 1.1 Refrigeration System : Freon
  - 1.2 Room Temperature : -20 deg C
  - 1.3 Product for storage : Frozen marine products
  - 1.4 Capacity : 10 tons

### **C. REFRIGERATION EQUIPMENT**

#### **I. Air Cooled Condensing Unit for the 20 FT- Containerized Cold Storage Units**

- a. R 404A scroll compressor mounted in single skid base. Brand new, with the minimum refrigeration capacities 2,800 W @ -25 deg C ET and +40 deg C CT) , driven by electric motor, 3 phase, 230 V, 60 Hz, complete with standard accessories as follows:
  - liquid line filter dryer with sight glass
  - crankcase heater
  - oil separator
  - liquid line solenoid valve
  - suction filter
  - suction accumulator
  - vibration eliminator

- electrical controls
  - Other standard accessories
- b. Air cooled type condenser, with heat rejection capacity appropriate for its use and Phil. Ambient air temperature complete with air blower motor, steel base and stub end, imported accessory of above condensing unit.
  - c. Unit cooler complete with fan blower, Totally Enclosed Fan Cooled (TEFC) motor, 3-phase, 60 Hz, 230V and provided with electric defrost equipment and thermostat, US, European or Japanese brands. Using Direct Cooling (Convection Type) cooling system may be considered as long as it can attain the desired capacity and cooling requirements stipulated in this specification.
  - d. Horizontal type liquid receiver, complete with accessories such as sight glass, pressure gauge etc., with stub connections and steel support, imported accessory of above condensing unit.
  - e. Vertical type oil separator complete with steel support and stub end connection, imported accessory of above condensing unit.
  - f. All materials for pressure vessels such as liquid receiver, oil separator etc., shall have a thickness not lower than 3/8".

#### **E. MISCELLANEOUS MATERIALS FOR THE CONTAINERIZED COLD ROOMS**

- a. Assorted refrigerant valves, for high pressure side.
- a. Refrigerant piping materials, BI pipe, seamless sched 40 for ammonia lines and copper tubing hard drawn type L and M, and necessary fittings for both high and low pressure sides for all Freon refrigeration & air conditioning systems.
- b. Assorted refrigerant valves, for low pressure side for all refrigeration & air conditioning systems.
- c. Initial charge of refrigerant and compressor oil for all refrigeration & air conditioning systems.
- d. Insulation materials for low pressure side pipes and vessels.

### **GENERAL REQUIREMENTS FOR MECHANICAL WORKS**

#### **A. QUALIFICATION OF REFRIGERATION CONTRACTOR**



1. Company should be regularly providing work of types required for not less than 5 years from date of bidding.
2. Workmen shall be well trained and experienced in the trade for this type of work.

**B. EQUIPMENT/MATERIALS LISTING**

1. The Contractor shall submit to PFDA the complete list of equipment/materials to be furnished, with each item accompanied by detailed sizing computations, manufacturer's specification, technical data, installation instructions and shop drawings.
2. Provide primary materials or finished or other components necessary for the efficient operation of the system.

**C. REVIEW OF REFRIGERATION SYSTEM**

1. Before starting work, the Contractor shall review and evaluate the refrigeration systems and other mechanical systems provided herein. In the event in which the Contractor has no expertise in such works, an independent consultancy firm who performs regular designing works related to this work shall be consulted by the contractor at no extra cost to the project.
2. Any discrepancy, questions and/or necessary correction(s) shall be brought to the owner's attention for proper action.

**D. GENERAL PROVISION**

1. The technical specification/refrigeration system provided in this contract documents are general specification intended as guide in the detailed specification of component/equipment.
2. Mechanical systems layout provided in the drawings are generally diagrammatic and location of penetration, outlets and equipment are approximate only.

**E. MAINTENANCE SERVICES, WARRANTY AND RELIABILITY TRIAL TESTING**

1. The Contractor shall provide warranty and appropriate maintenance services for a period of 12 months reckoned from the date of issuance of Certificate of Acceptance as assurance against any defect(s) due to material, manufacturing, fabrication and installation that may occur during normal operation. In this regard emergency services shall be available when called for at no additional cost to the owner.



2. The Contractor shall conduct a reliability trial test for a period of 5 days within the contract date before the project completion. During this test period, the Contractors shall provide at least one (1) refrigeration technician for the refrigeration system, and other electro mechanical equipment to oversee the operation of the plant.

**F. COORDINATION/CORRELATION REQUIREMENTS**

1. Provide layouts, templates and/or instruction with building works Contractor for proper preparation to supporting constructions.
2. Coordinate work with other works for adjustments, installation requirements and other roughing-ins necessary for properly coordinated installation.
3. On contract Drawings it shall be examined as necessary with other works to achieve proper installation as provided herein.

**G. SUPERVISION OF MECHANICAL WORKS**

1. On equipment installation, furnish services of manufacturer's representative or other specially qualified person as necessary to supervise installation when regular full time supervisor are not otherwise qualified.

**H. EXECUTION REQUIREMENT**

1. Prior to starting work, review details of work with PFDA Engineer and incorporate adjustments deemed necessary and as indicated without additional cost.
2. The work shall not proceed until the Contractor has verified that the supporting construction is in proper condition, improper construction has been corrected and layout and tolerance are correct for this work.

**I. COMPLETION REQUIREMENTS**

1. General
  - a. Remove waste and debris resulting from this work, as work progresses and on completion.
  - b. Service and adjust moving or mechanical parts for smooth quiet and proper operating condition.
  - c. Touched up abraded or damaged prime painting or galvanizing and leave clean and ready for finishing work required.
2. When Complete

- a. Exposed surfaces must be clean and free from dust, dirt, scratches dents, broken parts, misaligned or improperly fitted joints, stains, discoloration or other defects or damage.
- b. Installation must be free from exposed fastenings, unnecessary cuts, holes, blank plates or advertising labels or signs other than as particularly show, specified and approved.
- c. Exterior or below grade installation must be watertight throughout and free from leaks or entry of water into or through interior or concealed spaces of structure.
- a. Each time, unit or assembly must be tightly and rigidly in place and free from unnecessary movement, squeaks or rattles.
- b. Each time, unit or assembly must be set straight, plumb and level accurately and positioned at locations required; adjacent like units accurately aligned.
- c. Movable or mechanical items or devices must be serviced and adjusted to operate smoothly, quietly and free from binding or super flous or unwanted noises.
- d. Electrical devices assemblies or system must be properly connected and grounded and must operate in compliance with performance requirements shown or specified.

## **J. CORRELATION AND COOPERATION**

### **1. General**

- a. Work under this section includes correlation with work under other division; to provide and effect a complete and operable system and equipment throughout the project as required and intended under these contract documents.
- b. Correlation includes consideration or locations, sizes, capacities and performance characteristics of equipment furnished and installed under the works.
- c. Correlation further includes adjustments to meet the needs of said equipment; and cooperation with other works as may be necessary to make determination required.



2. Provide minor adjustments as and were necessary as directed by PFDA.
3. Substantial adjustments or changes resulting from compliance with requirements specified herein which results in substantial extra or materials and any claims on that account will be considered only when fully justified by the Contractor and duly processed in accordance with provision for changes condition as labels or signs other than as particularly show, specified and approved.
4. General Construction
  - a. Review drawings for opening and access provision to be provided under this Section.
  - b. Verify sizes and location if adequate and proper.
  - c. Supply drawings, instructions or information necessary thereof.
5. Painting Procedure
  - a. One (1) coat unless otherwise specified is required for:
    1. Black iron or steel items inaccessible after installation.
    2. Black pipe, including valves and other appurtenances, within 7 days after installation.
    3. Hanger rods and devices and other items not galvanized.
6. Site Utility System
  - a. Review drawing of plumbing works serving system of this section.
  - b. Verify sizes, capacities and location if adequate for proper service.
  - c. Arrange for adjustments whenever as may be necessary to meet requirement of this section.
  - d. Adjust work as required to correlate with utility service connection prints or types of connection necessary.
7. Electrical Work
  - a. Review drawings of electrical services and facilities to be provided under this section.
  - b. Compare and verify electrical work to be provided if sufficient and adequate.

- c. Supply drawing, diagram or other information relative to this section.
- d. Arrange for additional services, outlets or connections where and as may be required.

**K. PROTECTIVE PAINTING**

1. General

- a. Materials and equipment not otherwise galvanized prefinished, or protected shall be painted with one (1) coat of painting media appropriate to the kind of materials/equipment.

2. Preparation

- a. Surfaces to be painted shall be cleaned free from dirt, dust, rust, grease or coatings of foreign matter.
- b. Thoroughly wiped clean, using suitable solvent where necessary, and dried.

## TECHNICAL SPECIFICATION FOR REFRIGERATED CONTAINER

### I. GENERAL

1. The container Reefer is designed for the carriage of foodstuffs frozen, chilled and general cargo by road, rail and sea (above or below decks) and is suitable for the environmental conditions imposed by these modes of transports.
2. The container is designed for the carriage of deep frozen, frozen and chilled (excluding hung-chilled meat) cargoes in the range -25°C to +25°C with external temperature ranging from -40°C to +50°C and is suitable to be subjected to severe thermal shock.

### II. STANDARDS & REGULATIONS

- a. ISO TC - 104  
668 - Classification, dimensions and ratings (1995 edition)  
1161 - Corner fittings - specification (1990 edition)  
1496/2 - Specification and testing (1996 edition) Part 2: Thermal containers  
6346 - Coding, identification and marking (1995 edition)
- b. CSC requirements
- c. TIR requirements
- d. Timber components and certificates (No exposed timber to be used)
- e. USDA requirement and certificate
- f. Taint test (Acc. BS 3755 last issue)
- g. UIC registration
- h. Type approval by classification society



### III. DESIGN DATA

#### 3.1 Thickness & Density of Thermal Insulating PUR Foam

	Thickness (mm)	Density (kg/m <sup>3</sup> )
Side	63	50 - 55
Door	74	50 - 55
Roof	80	45 - 50
Floor	Min. 76 Max. 135	55 - 60
Corner		45

#### 3.2 Insulation

Polyurethane foam with R-141b (non-CFC) blowing agent:

Air leakage :  $Q_{max} = 5 \text{ m}^3/\text{hr}$  (176.5cu. ft./hr) at 25.4mm WPG inside

Heat transfer rate :  $U_{max} = 17 \text{ kcal/hr. } ^\circ\text{C}$  (20 W/K) at 20°C mean temp.

### IV. CONSTRUCTIONS

#### 4.1 Base Frame

Forklift pocket	: 4.0mm thick pressed profile with 6.0mm thick closed strip
Base panel	: 1.6mm thick corrugated panel welded to bottom side rail
Bottom side rail	: 4.0mm thick upper and lower cold rolled steel

#### 4.2 Floor

Floor board	: 40mm high and 63.5mm spaced aluminum extruded "T" section
Floor bow	: Aluminum extruded "I" section floor bow shall be stitch welded to the under side of floor board.

#### 4.3 Front Frame

Front top rail	: 4.0mm thick pressed profile
Front bottom rail	: 4.0mm thick pressed profile with load transfer area brackets
Corner Post	: Welded construction with 6.0mm thick outer and 4.0mm thick inner
Double plate	: 4.0mm thick rectangular plates

#### 4.4 Rear End Frame

Door Header	: Welded construction with 4.0mm thick outer and 3.0mm thick inner, and four (4) vertical gusset plates welded behind of cam keepers
Door Sill	: Welded construction with 6.0mm thick outer and 4.0mm thick inner, and four (4) vertical gusset plates welded behind of cam keepers
Corner Posts	: Welded construction with 6.0mm thick outer and inner, and with 12mm thick reinforcement plate.
Double plate	: 4.0mm thick rectangular plate

#### 4.5 Door Panel

Each door is capable of swinging 270 degree when opened, which is designed to prevent left hand door from opening before right hand door in TIR requirements.

Door panel	(1) outer – 1.6mm thick pre-painted MGSS sheet (2) inner – Corten pressed section
Door gaskets	(1) outer gaskets – EPDM “C” section double lips (3) inner gaskets – EPDM “O” section
Locking gears	: SAEJIN SJ-77M or eq., with anti-theft handle & secure cam & keeper on right door center, hot-dip galvanized 75
Door hinge	: Eight (8) hot dip galvanized steel hinges with nylon bushes and stainless steel washers.
Hinge pin	: $\Phi$ 12mm stainless steel bar fixed by flaring
Door lining	: 0.7mm thick stainless sheet, with 12mm deep pressed battens
Hinge lug	: 6.0mm thick MGSS plate

#### 4.6 Side Wall

Outer Cladding	: 1.0mm-thick M.G.S.S. with vertical corrugations, welded together by TIG method
Inner Lining	: 0.7mm thick H.G.S.S. with deep inverted battens, welded together by TIG method
Top side Rail	: 4mm thick cold rolled section with chamfer
Side post	: Two (2) 4.0mm thick pressed omega section per side, bonded to side panel by bi-adhesive structure tape or glue
Side Stringer	: Two(2) per side, MGSS pressed omega section, spot welding to side lining

#### 4.7 Roof

Outer Cladding	: 0.8mm thick M.G.S.S. with deep pressed corrugations, welded together by TIG method
Lining	: 0.8mm thick one piece pre-painted aluminum sheet, with small bead corrugations
Roof bow	: Two (2) pieces MGSS pressed omega section
Roof Stringer	: Two (2) aluminum omega section, bonded to roof lining by bi-adhesive structure tape and fixed with three (3) rivets

#### 4.8 Particular attachment

- 1) Floor drain  
Two (2) drains are provided at each front and rear end. [Total four (4)]
- 2) Lashing bar  
Two (2) pieces lashing bar per side. [Total four (4)]
- 3) Generator set mounting receptacles  
Front corner post and front top rail fitted with receptacles and brackets for mounting clip-on generator set.

#### 4.9 Marking

All containers to be marked in accordance with latest standard regulation and owner's specification.

### V. SURFACE PREPARATION AND PROTECTION

#### 5.1. Surface Preparation

##### 5.1.1. Prior to assy.

- All steel components, prior to forming, will be shot blasted to Swedish Standard Sa 2.5 to remove rust, mill scale etc, and applied with zinc rich primer approx. 10 micron.
- All stainless steel components, prior to forming, will be cleaned to all oil and dirt etc.
- Gear cam keepers will be electro zinc plated. (Thickness : Min. 16 micron)
- Locking rod assemblies are welded with gear cams, bars, holders and handle hinges are hot dip galvanized. (Thickness: Min. 75 micron)

##### 5.1.2. After assembly

- All stainless steel parts will be sweep blasted with non-metallic media and cleaned to remove all oil rust, dirt and hot rolled mill scale and etc.
- Welding seam line will be blasted to remove all welding slags, spatters and other foreign matters.



5.1.3. Polyurethane contact surfaces

- Glue or adhesive primer will be applied to the polyurethane contacting surfaces for good adhesion with polyurethane.

5.2. Painting

- All steel parts shall be painted as follows:

5.2.1. SPA-H parts

1) Outside surfaces (end frame & side top & bottom rail)

- |                              |                          |
|------------------------------|--------------------------|
| 1st primer: Zinc rich primer | - 30 micron(after ass'y) |
| 2nd primer: Polyamide epoxy  | - 40 micron(after ass'y) |
| 3rd Top: Vinyl high build    | - 40 micron(after ass'y) |
| (Color: RAL 9010)            |                          |

2) Polyurethane foaming contact surfaces (inside surface)

- |                             |                          |
|-----------------------------|--------------------------|
| 1st primer: Polyamide epoxy | - 20 micron(after ass'y) |
|-----------------------------|--------------------------|

5.2.2. MGSS parts (roof and side panel)

- |                             |                         |
|-----------------------------|-------------------------|
| 1st primer: Polyamide epoxy | - 40micron(after ass'y) |
| 2nd top: Vinyl high build   | - 40micron              |
| (Color: RAL 9010)           |                         |

5.2.3. Foaming contact area (HGSS, MGSS & T-FLOOR)

- Adhesive primer - 15micron

5.2.4. Door panel

- |                             |            |
|-----------------------------|------------|
| 1st primer: Polyamide epoxy | - 40micron |
| 2nd primer : Polyurethane   | - 50micron |
| (Color: RAL 9010)           |            |

5.2.5. Under coating

- |                              |             |
|------------------------------|-------------|
| 1st primer: Zinc rich primer | - 30micron  |
| 2nd Top : Bitumen/wax        | - 200micron |

## VI. MATERIAL SPECIFICATION .

The main materials used in construction are as follow:

<u>Where used</u>	<u>Material</u>	<u>Yield Point</u> (N/mm <sup>2</sup> ) (min.)	<u>Tensile Strength</u> (N/mm <sup>2</sup> )(min.)	<u>Elongation</u> (%)
Floor Rail	Al. Alloy Extrusion AA6061-T6		270	8
Roof Lining	Al. Alloy Sheet AA5052-H16/H46		240	6
Side/Roof panel	MGSS	205	410	20
door panel				
Side/Door Lining	SUS304	220	510	40
Generator Fitting Nut				
Front/Rear Corner Post	CORTEN A	345	485	
Front Header/Sill	/ equivalent			
Top/Bottom Side Rail				
Door Header/Sill				
Forklift pocket				
Corrugated base				
Carbon Steel Pipe	STK 51	360	520	18
Lock Rod				
Carbon Steel for forged (Lock Rod Cam Keeper)	JIS S25C	270	450	25
Weldable steel Castings (corner castings)	SCW 480	270	450	21
Insulation Tape (Between steel and aluminum)	Electrolytic Buffer of PE			
Foam Tape	Adhesive of P.V.C. Insulation			
Material	1) Rigid Polyurethane Foam			

Blowing Agent: R141b

### 1. Fasteners application

Material	Shear Resistance (N)	Tensile Resistance (N)
Aluminum blind rivet diam. 4.8mm (3/16")	4390	4490
Aluminum blind rivet diam. 6.4mm (1/4")	7540	6500
Stainless steel blind rivet diam. 4.8mm (3/16")	4500	5500

### 2. Sealant

Exposed Sealer

a. Interior surface: MS

b. Exterior surface: Silicone

Hidden sealer Butyl

## VII. TESTING & INSPECTION

1. Type approval and inspection of units is carried out by classification society.
2. Every container is manufactured under effective quality control procedures to meet the specified standards and align industrial practice. After completion all container dimensions will be checked and door operation checked.

<b>Item</b>	<b>Test load</b>
Stacking	1.8R - T Load: 86,400 kg/post
Top & bottom lifting	2.0 R - T
Forklift pocket	1.6R - T (if applicable)
Restraint	R - T Load : 1.0R/rail
Racking test	
Transverse	15,240 kg
Longitudinal	7,620kg
Strength	
— End wall	0.4 P
— Side wall	0.6 P
— Roof	300 kg
— Floor (ISO +33%)	7,260 kg
Airtightness test	
Internal pressure 25 ± 1 mm Aq.	



Thermal test In compliance with ATP

Performance test of thermal appliances In compliance with ISO 1496/2

Taint test in compliance with B.S. 3755-1964 or equivalent

#### VIII. GUARANTEE

a. Guarantees

The guarantee period will commence the date after the certification has been issued by the classification society.

b. Paint Guarantee

The application of paint will be guaranteed against corrosion and paint failure for a period of five (5) years. The guarantee is for faults affecting more than 10% of the painted surfaces and will assure partial or total re-painting of the container.

Corrosion caused by acids, alkalis or other chemicals, damage by abrasion, impact or accident are excluded.

c. Decal Guarantee

The decals are warranted for seven (7) years to withstand the environmental conditions as "General" mentioned for color, stability & adhesion.

d. Other Guarantee

This will be guaranteed against fault in construction, poor workmanship and material for a period of one (1) year. Any damages caused by mis-handling, mis-securing, mis-loading, impact and any accidents relating from bad practices are excluded.

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

# Checklist of Technical and Financial Documents

## I. TECHNICAL COMPONENT ENVELOPE

### *Class “A” Documents*

#### Legal Documents

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

#### Technical Documents

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

#### Financial Documents

- ☐ (j) The Supplier’s audited financial statements, showing, among others, the Supplier’s total and current assets and liabilities, stamped “received” by the BIR or its duly accredited and authorized institutions, for the preceding

calendar year which should not be earlier than two (2) years from the date of bid submission; **and**

- ☐ (k) The prospective bidder's computation of Net Financial Contracting Capacity (NFCC);

**or**

A committed Line of Credit from a Universal or Commercial Bank in lieu of its NFCC computation.

***Class "B" Documents***

- ☐ (l) If applicable, a duly signed joint venture agreement (JVA) in case the joint venture is already in existence;

**or**

duly notarized statements from all the potential joint venture partners stating that they will enter into and abide by the provisions of the JVA in the instance that the bid is successful.

**II. FINANCIAL COMPONENT ENVELOPE**

- ☐ (m) Original of duly signed and accomplished Financial Bid Form; **and**
- ☐ (n) Original of duly signed and accomplished Price Schedule(s).

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

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

