# PHILIPPINE BIDDING DOCUMENTS

# Procurement of GOODS

Government of the Republic of the Philippines

FABRICATION, SUPPLY, DELIVERY, INSTALLATION AND COMMISIONING OF EIGHT (8) SETS OF COMPOSTING FACILITY FOR BIODEGRADABLE WASTES (CFBW) UNDER CFP 2023

ABC: 8,000,000.00

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

#### **Notes on the Invitation to Bid**

The Invitation to Bid (IB) provides information that enables potential Bidders to decide whether to participate in the procurement at hand. The IB shall be posted in accordance with Section 21.2 of the 2016 revised IRR of RA No. 9184.

Apart from the essential items listed in the Bidding Documents, the IB should also indicate the following:

- a. The date of availability of the Bidding Documents, which shall be from the time the IB is first advertised/posted until the deadline for the submission and receipt of bids;
- b. The place where the Bidding Documents may be acquired or the website where it may be downloaded;
- c. The deadline for the submission and receipt of bids; and
- d. Any important bid evaluation criteria (*e.g.*, the application of a margin of preference in bid evaluation).

The IB should be incorporated in the Bidding Documents. The information contained in the IB must conform to the Bidding Documents and in particular to the relevant information in the Bid Data Sheet.



#### REPUBLIC OF THE PHILIPPINES

# DEPARTMENT OF AGRICULTURE PHILIPPINE COCONUT AUTHORITY REGION IV (CALABARZON & MIMAROPA)

Brgy. Isabang, Lucena City Telephone Number: (042) 795-5472

http://www.pca.da.gov.ph / Email address: regioniv@pca.gov.ph

#### **INVITATION TO BID FOR**

# FABRICATION, SUPPLY, DELIVERY, INSTALLATION AND COMISSIONING OF EIGHT (8) SETS OF COMPOSTING FACILITY FOR BIODEGRABLE WASTES (CFBW) UNDER CFP 2023

The Philippine Coconut Authority (PCA) Region IV is currently implementing the Community Household Level Coconut Processing to provide additional livelihood opportunities to coconut farming communities.

The PCA Regional Bids and Awards Committee (RBAC) invites proposals to bid for all the items as prescribed below with a total Approved Budget for the Contract (ABC) amounting to P8,000,000.00. Bids received in excess of the total ABC shall be automatically rejected.

LOT NO.	DROP-OFF-POINTS (DOPs)	PARTICULARS	QTY.	UNIT	UNIT COST, PhP	TOTAL ABC, PhP
1	CALABARZON					4,000,000.00
	Batangas	Biomass Shredder; & Rotary Composter	1	set	1,000,000.00	1,000,000.00
	Laguna	Biomass Shredder; & Rotary Composter	1	set	1,000,000.00	1,000,000.00
	Quezon I	Biomass Shredder; & Rotary Composter	1	set	1,000,000.00	1,000,000.00
	Quezon II	Biomass Shredder; & Rotary Composter	1	set	1,000,000.00	1,000,000.00
	MIMAROPA					4,000,000.00
	Oriental Mindoro	Biomass Shredder; & Rotary Composter	1	set	1,000,000.00	1,000,000.00
	Marinduque	Biomass Shredder; & Rotary Composter	1	set	1,000,000.00	1,000,000.00
	Romblon	Biomass Shredder; & Rotary Composter	1	set	1,000,000.00	1,000,000.00
	Palawan	Biomass Shredder; & Rotary Composter	1	set	1,000,000.00	1,000,000.00
	TOTAL					8,000,000.00

The delivery of goods is required in ninety (90) calendar days.

Prospective bidders must have a wide and reliable experience in the supply and delivery of the above and must have undertaken similar contracts or projects awarded within five (5) years from the date of submission and receipt of bids. The description of an eligible bidder is contained in the Bidding Documents, particularly, in Section II (Instructions to Bidders).

Bidding will be conducted through open and competitive bidding procedures using non-discretionary "pass/fail" criterion as specified in the 2016 Revised Implementing Rules and

Regulations (IRR) of Republic Act (RA) 9184, otherwise known as the "Government Procurement Reform Act".

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

The complete schedule of activities is listed as follows:

	ACTIVITIES	SCHEDULE
1.	Issuance of Bid Documents	May 11, 2023 – May 31, 2023
2.	Pre-Bid Conference	May 19, 2023 Fri 10:30 AM
		(Physical or Videoconferencing)
3.	Deadline for Submission of Bids	May 31, 2023 Wed 10:30 AM
		(Printed and/or Electronic Copy)
4.	Eligibility Screening and Opening of Bids	May 31, 2023 Wed 10:45 AM
		(Physical or Videoconferencing)
5.	Bid Evaluation	May 31, 2023 Wed 10:45 AM
		(Physical or Videoconferencing)
6.	Post-Qualification	(This shall be in accordance with the period
7.	Notice of Award	prescribed under the IRR of RA 9184)

Bid documents will be made available to prospective bidders upon payment of non-refundable amount of PhP 10,000.00.

Bidders may pay thru cash at the Cashier's Office, PCA Regional Office IV, Brgy. Isabang, Lucena City, Quezon from 8:00AM to 5:00PM, Mondays thru Fridays. Bidders may also pay via bank deposit at PCA Region IV's LBP Bank Account No. 0212-1002-85. Once deposited, the bidder shall email the bank deposit slip to rbac\_pcaiv@yahoo.com for proper issuance of Official Receipt.

The Bidding Documents may also be downloaded free of charge from the official website of the Philippine Coconut Authority (<a href="http://www.pca.da.gov.ph">http://www.pca.da.gov.ph</a>) and from the website of the Philippine Government Electronic Procurement System (PhilGEPS), provided that Bidders shall pay the applicable fee for the Bidding Documents not later than the submission of their bids.

Bids must be duly received by the RBAC Secretariat through (i) manual submission at the office address indicated below following instructions indicated in Section VIII of this Bidding Documents on or before the deadline of submission of bids.

Bids will be opened in the presence of the bidders' representatives who choose to attend at the address below or thru video conferencing. Late bids shall not be accepted.

PCA Region IV assumes no responsibility whatsoever to compensate or indemnify bidders for any expenses incurred in the preparation of the bids.

PCA Region IV 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.

For further information, please refer to:

#### MARILYN R. CLENUAR

Head-Secretariat PCA Regional Office IV Brgy. Isabang, Lucena City, Quezon

Tel. no.: (042) 795-5472

Email add: rbac\_pcaiv@yahoo.com

(SGD.) JUDY DP. PINGCO RBAC Chairperson

# Section II. Instructions to Bidders

#### **Notes on the Instructions to Bidders**

This Section on the Instruction to Bidders (ITB) provides the information necessary for bidders to prepare responsive bids, in accordance with the requirements of the Procuring Entity. It also provides information on bid submission, eligibility check, opening and evaluation of bids, post-qualification, and on the award of contract.

#### 1. Scope of Bid

The Procuring Entity, *Philippine Coconut Authority Region IV* wishes to receive Bids for the Fabrication, Supply, Delivery, Installation and Commissioning of Eight (8) Sets of Composting Facility For Biodegradable Wastes (CFBW) under CFP 2023.

[Note: The Project Identification Number is assigned by the Procuring Entity based on its own coding scheme and is not the same as the PhilGEPS reference number, which is generated after the posting of the bid opportunity on the PhilGEPS website.]

The Procurement Project (referred to herein as "Project") is composed of single lot item, the details of which are described in Section VII (Technical Specifications).

#### 2. Funding Information

- 2.1. The GOP through the source of funding as indicated below for *Coconut Fertilization Project (CFP) 2023* in the total amount of PhP8,000,000.00.
- 2.2. The source of funding is:
  - a. GOCC and GFIs, the Corporate Operating Budget.

#### 3. Bidding Requirements

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

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

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

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

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

#### 5. Eligible Bidders

- 5.1. Only Bids of Bidders found to be legally, technically, and financially capable will be evaluated.
- 5.2. [Select one, delete other/s]
  - a. Foreign ownership exceeding those allowed under the rules may participate pursuant to:
    - i. When a Treaty or International or Executive Agreement as provided in Section 4 of the RA No. 9184 and its 2016 revised IRR allow foreign bidders to participate;
    - ii. Citizens, corporations, or associations of a country, included in the list issued by the GPPB, the laws or regulations of which grant reciprocal rights or privileges to citizens, corporations, or associations of the Philippines;
    - iii. When the Goods sought to be procured are not available from local suppliers; or
    - iv. When there is a need to prevent situations that defeat competition or restrain trade.
  - b. Foreign ownership limited to those allowed under the rules may participate in this Project.
- 5.3. Pursuant to Section 23.4.1.3 of the 2016 revised IRR of RA No.9184, the Bidder shall have an SLCC that is at least one (1) contract similar to the Project the value of which, adjusted to current prices using the PSA's CPI, must be at least equivalent to:
  - a. For the procurement of Expendable Supplies: The Bidder must have completed a single contract that is similar to this Project, equivalent to at least twenty-five percent (25%) of the ABC.
  - b. For procurement where the Procuring Entity has determined, after the conduct of market research, that imposition of either (a) or (b) will likely result to failure of bidding or monopoly that will defeat the purpose of public bidding: the Bidder should comply with the following requirements: [Select either failure or monopoly of bidding based on market research conducted]
    - i. Completed at least two (2) similar contracts, the aggregate amount of which should be equivalent to at least *fifty percent* (50%) in the case of non-expendable supplies and services or twenty-five percent (25%) in the case of expendable supplies] of the ABC for this Project; and
    - ii. The largest of these similar contracts must be equivalent to at least half of the percentage of the ABC as required above.

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

#### 6. Origin of Goods

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

#### 7. Subcontracts

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

The Procuring Entity has prescribed that:

- a. Subcontracting is not allowed.
- 7.2. [If Procuring Entity has determined that subcontracting is allowed during the bidding, state:] The Bidder must submit together with its Bid the documentary requirements of the subcontractor(s) complying with the eligibility criteria stated in **ITB** Clause 5 in accordance with Section 23.4 of the 2016 revised IRR of RA No. 9184 pursuant to Section 23.1 thereof.
- 7.3. [If subcontracting is allowed during the contract implementation stage, state:] The Supplier may identify its subcontractor during the contract implementation stage. Subcontractors identified during the bidding may be changed during the implementation of this Contract. Subcontractors must submit the documentary requirements under Section 23.1 of the 2016 revised IRR of RA No. 9184 and comply with the eligibility criteria specified in ITB Clause 5 to the implementing or end-user unit.
- 7.4. Subcontracting of any portion of the Project does not relieve the Supplier of any liability or obligation under the Contract. The Supplier will be responsible for the acts, defaults, and negligence of any subcontractor, its agents, servants, or workmen as fully as if these were the Supplier's own acts, defaults, or negligence, or those of its agents, servants, or workmen.

#### 8. Pre-Bid Conference

The Procuring Entity will hold a pre-bid conference for this Project on the specified date and time and either at its physical address at PCA Regional Office IV, Brgy. Isabang, Lucena City, Quezon 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, exwarehouse, 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 *September 17, 2021*. Any Bid not accompanied by an acceptable bid security shall be rejected by the Procuring Entity as non-responsive.

<sup>&</sup>lt;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.

#### 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 electronically 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.** 

#### 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 follows:
  - Option 3 One Project having several items, which shall be awarded as separate contracts per item.
- 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

#### **Notes on the Bid Data Sheet**

The Bid Data Sheet (BDS) consists of provisions that supplement, amend, or specify in detail, information, or requirements included in the ITB found in Section II, which are specific to each procurement.

This Section is intended to assist the Procuring Entity in providing the specific information in relation to corresponding clauses in the ITB and has to be prepared for each specific procurement.

The Procuring Entity should specify in the BDS information and requirements specific to the circumstances of the Procuring Entity, the processing of the procurement, and the bid evaluation criteria that will apply to the Bids. In preparing the BDS, the following aspects should be checked:

- a. Information that specifies and complements provisions of the ITB must be incorporated.
- b. Amendments and/or supplements, if any, to provisions of the ITB as necessitated by the circumstances of the specific procurement, must also be incorporated.

# **Bid Data Sheet**

ITB Clause							
5.3	For this purpose, contracts similar to the Project shall be:						
	a. Fabrication, Delivery and Installation of Various Agricultural Machineries and Equipment.						
	b. Completed within <i>five (5) years</i> prior to the deadline for the submission and receipt of bids.						
7.1	Subcon	tracting is not allowed.					
12	_		l be quoted Delivered ercial Terms (INCOTE)	•			Palawan] or the
14.1	The bid	· ·	e form of a Bid Securin	g Declar	ration, or	r any of the fol	lowing forms and
		cashier's/manager's ch	less than PhP160,000.eck, bank draft/guarante than PhP400,000.00 (5	ee or irre	vocable	letter of credit;	or
19.3	The pro	oject has single lot rej	ference as detailed be	low.			
	LOT NO.	DROP-OFF-POINT (DOPs)	PARTICULARS	QTY.	UNIT	UNIT COST, PhP	TOTAL ABC, PhP
	1	CALABARZON					4,000,000.00
		Batangas	Biomass Shredder; & Rotary Composter	1	set	1,000,000.00	1,000,000.00
		Laguna	Biomass Shredder; & Rotary Composter	1	set	1,000,000.00	1,000,000.00
		Quezon I	Biomass Shredder; & Rotary Composter	1	set	1,000,000.00	1,000,000.00
		Quezon II	Biomass Shredder; & Rotary Composter	1	set	1,000,000.00	1,000,000.00
		MIMAROPA					4,000,000.00
		Oriental Mindoro	Biomass Shredder; & Rotary Composter	1	set	1,000,000.00	1,000,000.00
		Marinduque	Biomass Shredder; & Rotary Composter	1	set	1,000,000.00	1,000,000.00
		Romblon	Biomass Shredder; & Rotary Composter	1	set	1,000,000.00	1,000,000.00
		Palawan	Biomass Shredder; & Rotary Composter	1	set	1,000,000.00	1,000,000.00
		TOTAL					8,000,000.00
20.2		ents relevant to the al component envelop	Project shall also to be, as follows:	be subn	nitted b	y the bidder	enclosed in its
		tailed Engineering De	O .	in al 1*			lo and -4
	a.	maicanng major par	ts and specifications,	ıncıualn	ig meas	urements, scai	e, ana otner

- important details of the shredder and composter contained herein.
- b. Signed and sealed by a Registered Agricultural and Biosystems Engineer with valid copy of PRC License attached.
- 2) Certificate of Availability of Stocks and its Location
  - a. At least 1 unit assembled biomass shredder and at least 1 unit assembled rotary composter; and,
  - b. Unassembled major parts such as the following:
    - Major Parts for Biomass Shredder:
      - ✓ Chamber, shaft, and blades
      - ✓ Engine
    - Major Parts for Rotary Composter:
      - ✓ Rotary drum
      - ✓ Frame/composter stand
      - ✓ Blower
      - ✓ Electric motor

Note: Bidder shall provide inventory of assembled units and unassembled major parts during the Post-qualification.

- *3) Certificate of Warranty* 
  - a. For parts: minimum of two (2) years
  - b. After sales service: lifetime
  - c. Conformity to minimum standards of PNS/BAFS/PAES 192:2016: Guidelines on After-Sales Service: requirements of services and parts availability, training, maintenance and operation
- 4) Certificate of Availability of Service Centers or Service Provider
  - a. In case of service center: at least 1 per region; with list of addresses, contact persons, and contact details; or
  - b. In case of service provider: contract, proof of training of service provider personnel, list of personnel provided with training
- 5) Operations Manual
  - a. With drawings/photos indicating major parts and functions
  - b. With instructions on how to operate, troubleshoot, replace blades
  - c. Written in understandable text with illustrations
- 6) Valid National Agricultural and Fisheries Machinery Assemblers, Manufacturers, Importers, Distributors and Dealers Accreditation and Classification (NAMDAC) Certificate as manufacturer/fabricator

Note: Biomass shredder and rotary composter shall be on the product line of Bidder during Post-qualification

7) Valid Bureau of Agricultural and Fisheries Engineering (BAFE) Permit to Operate Certificate as manufacturer/fabricator

Note: Biomass shredder and rotary composter shall be on the product line of Bidder during Post-qualification

- 8) Valid Agricultural Machinery Testing and Evaluation Center (AMTEC) test reports for each machinery
- 9) Workplan and Cost Estimate for Trainings to be Conducted
- 10) Conformity to the approved Terms of Reference (TOR)
- 21.2 *Bidders shall submit post-qualification documents and comply with the following:* 
  - 1. Bidders have option to submit manually filed tax returns or tax returns filed through the Electronic Filing and Payments System (EFPS). Upon submission of Bid Documents, the ITR should be included.

Note: The latest income and business tax returns are those within the last six months preceding the date of bid submission.

- 2. Verification of all the submitted technical and financial documents
- 3. Testing of assembled biomass shredder and rotary composter and its parts such as the following:
  - a. Shredding capacity: minimum of 1 ton per hour

#### **Verification requirement:**

- 1. AMTEC Test Report
- 2. Post-qualification
- b Shredding efficiency: at least 90%

#### Verification requirement:

- 1. AMTEC test report
- 2. Post-qualification requirement (actual testing)
  - a. At least 90% of the shredded output shall pass through a 1-inch size screen
  - b. Test material: <u>young coconut</u> (buko) shall be provided by the bidder Amount of test material: at least 75% of required input capacity of the biomass shredder (i.e. at least 750 kg) (based on PAES 245:2010 Methods of Testing)
  - c. Shredding blades and chipping blades

#### *Verification requirement:*

Submission of Mill Certificate certified by source dealer or its equivalent ex. Chemical Analysis from DOST- Metals Industry Research and Development Center (MIRDC) as part of the technical component envelop of the bidder.

#### Post-qualification requirement:

Chemical Analysis and Metal ID of the blades by DOST- MIRDC. Cost of analysis will be shouldered by bidder. Number of sample blades: 1

- 4. Video of how to operate, troubleshoot, replace blades
  - a. Included in an on-the-go (OTG) for provision to recipient
  - b. Shall include demonstration of overall operation (mechanism and proper use of auxiliary parts) and maintenance of the machine

# Section IV. General Conditions of Contract

#### **Notes on the General Conditions of Contract**

The General Conditions of Contract (GCC) in this Section, read in conjunction with the Special Conditions of Contract in Section V and other documents listed therein, should be a complete document expressing all the rights and obligations of the parties.

Matters governing performance of the Supplier, payments under the contract, or matters affecting the risks, rights, and obligations of the parties under the contract are included in the GCC and Special Conditions of Contract.

Any complementary information, which may be needed, shall be introduced only through the Special 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.

#### 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

#### **Notes on the Special Conditions of Contract**

Similar to the BDS, the clauses in this Section are intended to assist the Procuring Entity in providing contract-specific information in relation to corresponding clauses in the GCC found in Section IV.

The Special Conditions of Contract (SCC) complement the GCC, specifying contractual requirements linked to the special circumstances of the Procuring Entity, the Procuring Entity's country, the sector, and the Goods purchased. In preparing this Section, the following aspects should be checked:

- a. Information that complements provisions of the GCC must be incorporated.
- b. Amendments and/or supplements to provisions of the GCC as necessitated by the circumstances of the specific purchase, must also be incorporated.

However, no special condition which defeats or negates the general intent and purpose of the provisions of the GCC should be incorporated herein.

**Special Conditions of Contract** 

GCC Clause			
1	[List here any additional requirements for the completion of this Contract. The following requirements and the corresponding provisions may be deleted, amended, or retained depending on its applicability to this Contract:]		
	Delivery and Documents –		
	For purposes of the Contract, "EXW," "FOB," "FCA," "CIF," "CIP," "DDP" and other trade terms used to describe the obligations of the parties shall have the meanings assigned to them by the current edition of INCOTERMS published by the International Chamber of Commerce, Paris. The Delivery terms of this Contract shall be as follows:		
	The delivery terms applicable to this Contract are delivered <i>to Lucena City</i> , <i>Quezon and Puerto Princesa City</i> , <i>Palawan</i> . Risk and title will pass from the Supplier to the Procuring Entity upon receipt and final acceptance of the Goods at their final destination.		
	Delivery of the Goods shall be made by the Supplier in accordance with the terms specified in Section VI (Schedule of Requirements).		
	For purposes of this Clause the Procuring Entity's Representative at the Project Site will be provided upon issuance of Notice to Proceed.		
	Incidental Services –		
	The Supplier is required to provide all of the following services, includir additional services, if any, specified in Section VI. Schedule of Requirements:		
	<ul> <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> <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> <li>f. [Specify additional incidental service requirements, as needed.]</li> </ul>		

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

#### Spare Parts -

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

- 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
- 2. in the event of termination of production of the spare parts:
  - i. advance notification to the Procuring Entity of the pending termination, in sufficient time to permit the Procuring Entity to procure needed requirements; and
  - ii. following such termination, furnishing at no cost to the Procuring Entity, the blueprints, drawings, and specifications of the spare parts, if requested.

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

The Supplier shall carry sufficient inventories to assure ex-stock supply of consumable spare parts or components for the Goods for a period of one (1) year.

Spare parts or components shall be supplied as promptly as possible, but in any case, within the warranty period.

#### Packaging -

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

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

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

Name of the Procuring Entity
Name of the Supplier
Contract Description
Final Destination
Gross weight
Any special lifting instructions
Any special handling instructions
Any relevant HAZCHEM classifications

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

#### Transportation -

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

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

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

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 Supplier's risk and title will not be deemed to have passed to the Procuring Entity until their receipt and final acceptance at the final destination.

	Intellectual Property Rights Supplier shall indemnify the Procuring Entity against all third-party claims of infringement of patent, trademark, or industrial design rights arising from use of the Goods or any part thereof.
2.2	The terms of payment shall be as follows:  1. Full payment once the contract has been completed.
4	The inspections and tests that will be conducted are: <i>Inspection per conformity and compliance to technical specifications</i> .

# Section VI. Schedule of Requirements

PROJECT: Fabrication, Supply, Delivery, Installation and Commissioning of Two (2) sets of

Composting Facility for Biodegradable Wastes (CFBW) under CFP 2022

**SUBJECT:** Drop-Off-Point (DOP)

LOT NO.	DROP-OFF-POINT (DOPs)	PARTICULARS	QTY.	UNIT
1	CALABARZON			
	Sinisian, Calaca City, Batangas	Biomass Shredder; & Rotary Composter	1	set
	Brgy. III Alaminos, Laguna	Biomass Shredder; & Rotary Composter	1	set
	Tumbaga 2, Sariaya, Quezon	Biomass Shredder; & Rotary Composter	1	set
	Quezon II	Biomass Shredder; & Rotary Composter	1	set
	MIMAROPA			
	Oriental Mindoro	Biomass Shredder; & Rotary Composter	1	set
	Marinduque	Biomass Shredder; & Rotary Composter	1	set
	Romblon	Biomass Shredder; & Rotary Composter	1	set
	Palawan	Biomass Shredder; & Rotary Composter	1	set
	TOTAL			

The supplier shall supply the required quantity of machinery for ninety (90) calendar days after receipt of Notice to Proceed.

I hereby commit to delivindicated above.	er the required quality and quantities upon rec	eipt of Notice to Proceed as
Name of Company	Signature Over Printed Name of Authorized Representative	Date

# Section VII. Technical Specifications

#### **Notes for Preparing the Technical Specifications**

A set of precise and clear specifications is a prerequisite for Bidders to respond realistically and competitively to the requirements of the Procuring Entity without qualifying their Bids. In the context of Competitive Bidding, the specifications (*e.g.* production/delivery schedule, manpower requirements, and after-sales service/parts, descriptions of the lots or items) must be prepared to permit the widest possible competition and, at the same time, present a clear statement of the required standards of workmanship, materials, and performance of the goods and services to be procured. Only if this is done will the objectives of transparency, equity, efficiency, fairness, and economy in procurement be realized, responsiveness of bids be ensured, and the subsequent task of bid evaluation and post-qualification facilitated. The specifications should require that all items, materials and accessories to be included or incorporated in the goods be new, unused, and of the most recent or current models, and that they include or incorporate all recent improvements in design and materials unless otherwise provided in the Contract.

Samples of specifications from previous similar procurements are useful in this respect. The use of metric units is encouraged. Depending on the complexity of the goods and the repetitiveness of the type of procurement, it may be advantageous to standardize the General Technical Specifications and incorporate them in a separate subsection. The General Technical Specifications should cover all classes of workmanship, materials, and equipment commonly involved in manufacturing similar goods. Deletions or addenda should then adapt the General Technical Specifications to the particular procurement.

Care must be taken in drafting specifications to ensure that they are not restrictive. In the specification of standards for equipment, materials, and workmanship, recognized Philippine and international standards should be used as much as possible. Where other particular standards are used, whether national standards or other standards, the specifications should state that equipment, materials, and workmanship that meet other authoritative standards, and which ensure at least a substantially equal quality than the standards mentioned, will also be acceptable. The following clause may be inserted in the Special Conditions of Contract or the Technical Specifications.

#### Sample Clause: Equivalency of Standards and Codes

Wherever reference is made in the Technical Specifications to specific standards and codes to be met by the goods and materials to be furnished or tested, the provisions of the latest edition or revision of the relevant standards and codes shall apply, unless otherwise expressly stated in the Contract. Where such standards and codes are national or relate to a particular country or region, other authoritative standards that ensure substantial equivalence to the standards and codes specified will be acceptable.

Reference to brand name and catalogue number should be avoided as far as possible; where unavoidable they should always be followed by the words "or at least equivalent." References to brand names cannot be used when the funding source is the GOP.

Where appropriate, drawings, including site plans as required, may be furnished by the Procuring Entity with the Bidding Documents. Similarly, the Supplier may be requested to

provide drawings or samples either with its Bid or for prior review by the Procuring Entity during contract execution.

Bidders are also required, as part of the technical specifications, to complete their statement of compliance demonstrating how the items comply with the specification.

# **Technical Specifications**

Item	Specifications	Statement of Compliance
		[Bidders must state here either "Comply" or "Not Comply" against each of the individual parameters of each Specification stating the corresponding performance parameter of the equipment offered. Statements of "Comply" or "Not Comply" must be supported by evidence in a Bidders Bid and crossreferenced to that evidence. Evidence shall be in the form of manufacturer's unramended sales literature, unconditional statements of specification and compliance issued by the manufacturer, samples, independent test data etc., as appropriate. A statement that is not supported by evidence or is subsequently found to be contradicted by the evidence presented will render the Bid under evaluation liable for rejection. A statement either in the Bidder's statement of compliance or the supporting evidence that is found to be false either during Bid evaluation, post-qualification or the execution of the Contract may be regarded as fraudulent and render the Bidder or supplier liable for prosecution subject to the applicable laws and issuances.]
Machin	iery	
1	Biomass Shredder	
	A. Shredding capacity: minimum of 1 ton per hour	
	Verification requirement:  3. AMTEC Test Report  4. Post-qualification	
	B Shredding efficiency: at least 90%	
	Verification requirement:  3. AMTEC test report	
	<ul> <li>4. Post-qualification requirement (actual testing)</li> <li>c. At least 90% of the shredded output shall pass through a 1-inch size screen</li> <li>d. Test material: young coconut (buko) shall be provided by the bidder</li> </ul>	
	Amount of test material: at least 75% of required input capacity of the biomass shredder (i.e. at least 750 kg) (based on PAES 245:2010 - Methods of Testing)	
	C. Shredding chamber	
	<ol> <li>Thickness: not less than 10 mm</li> <li>Material/method: Cast iron/full-welded metal steel</li> </ol>	
	D. With built-in wood chipper	
	Chipping ability minimum requirement: can chip up to 3 cm diameter of softwood (if it can chip bigger diameter of softwood, better)	

Item	Specifications		Statement of Compliance		
	E. Shredding blades and chipping blades				
	1) Material: min equivalent, qu				
	Chemical com	position of 4140 Ste	eel:		
	Element	Required composition by ASM <sup>a</sup> (%) SAE#4140/ AISI# 4140	Required composition by UNS <sup>b</sup> (%) Unified# G41400		
	Chromium, Cr	0.80-1.10	same as ASM		
	Manganese, Mn	0.70-1.00	same as ASM		
	Silicon, Si	0.15-0.35	same as ASM		
	Carbon, C	0.38-0.43	same as ASM		
	Molybdenum, Mo	0.15-0.25	same as ASM		
	Sulfur, S	0.040	max=0.040		
	Phosphorus <sup>a</sup> ASM (American Socie	0.035	max=0.035		
	<ul><li>2) Blades shall be replaceable with minimal effort, with no cutting of partsneeded, or any work that will compromise the durability of the shredder.</li><li>3) Blades can be sharpened.</li></ul>				
		With one (1) set supered 4140 (or its eddes.			
	following num	on and sampling of bases of units are required fication: 1 blade			
	F. Power source/engi	ne			
	1) Power: At least 7 Hp				
	2) Diesel; water- stroke cycle	cooled; single horiz			
	<ul> <li>3) Power transmission: Belt-driven (with shredder machine and powersource mounted on a common steel base)</li> <li>4) Fuel consumption (on average consumption): Max. of 2.4L/hr</li> </ul>				
	of 2.4L/hr				

Item	Specifications	<b>Statement of Compliance</b>		
	indicated in the Continuous Running Test per AMTEC Test Report of Engine			
	6) Weight: Max. of 75kg; Verification: AMTEC Test Report of Engine			
	7) With manual and standard engine tools			
	G. Other parts/provisions			
	Feeding plate and hopper/funnel: thickness of not less than 1.7 mm			
	Belt: with cover or guard provisions; with belt tightening or adjustment mechanism			
	3) Steel base and rubber wheels: shredder and engine mounted on a heavy-duty common steel base with 4 heavy-duty rubber wheels of atleast 6 inches in diameter for easy mobility, with lock			
	4) Maintenance tools: grease gun, rubber mallet, set of combination wrenches suited for nuts and bolts of the shredder, adjustable wrench, and plastic goggles			
	Verification requirement: post-qualification			
	H. AMTEC test report as part of the bidder's technical component envelop:			
	Shredder and engine couple (couple being offered),     Certified True Copy by AMTEC			
	2) Engine only: Submitted AMTEC Test Report for engine shall be CertifiedTrue Copy by AMTEC. Please note that a copy of the test report stamped with Certified True Copy by AMTEC is required. It does not have to be the original true copy from AMTEC. This requirement only assures that it is a copy of the report that was certified by AMTEC.			
2	Rotary Composter			
	A. Rotational Speed: approximately 1-2 turns every 3 minutes			
	B. Drum:			
	<ol> <li>Material: stainless steel</li> <li>Main panel: thickness of not less than 1.4mm</li> <li>Side panels: thickness of not less than 1.2mm</li> <li>Volumetric capacity: at least 2 cubic meters</li> <li>Input capacity by weight: 1 ton (per batch)</li> <li>With bafflers:</li> </ol>			

Item	Specifications	<b>Statement of Compliance</b>		
	<ul> <li>a) Number: At least 6</li> <li>b) Material: stainless steel</li> <li>7) With air vents: four</li> <li>8) With discharge window and blower</li> </ul>			
	C. Shaft support and rotary composter stand: angle bar size of at least 3"x3"x1/4"; with diagonal corner bracings on stands (required for 3"x3"x1/4"); with metal footing to improve bearing contact area to the ground			
	D. Power Source			
	<ol> <li>Power: minimum of 1 hp or 0.746 kW</li> <li>220V;</li> <li>Single-phase induction motor</li> <li>Transmission: free-wheel after engine stop so as the weight of thesubstrate does not stress the engine after stop</li> </ol>			
	E. AMTEC test for rotary composter - Certified True Copy by AMTEC to be part of the bidder's technical component envelop			
3	Conformity to Standards			
	A. PNS/PAES 244:2010 (Agricultural machinery – Biomass shredder – Specifications): Manufacturing requirements; performance requirements; safety, workmanship, and finish; and markings; unless otherwise specified herein.			
	B. PAES 116:2001 (Agricultural machinery – Small Engine – Specifications): performance requirements; workmanship and finish; maintenance and operations tools requirements; including instruction manual, marking and labeling and other requirements.			

	Specifications): perform workmanship and finish; tools requirements; inclusionarking and labeling and	mance requirements; maintenance and operations ding instruction manual,		
trı fo	ue and correct, and that the i	nent of compliance to the foregoens to be delivered shall be considered shall be considered as a support of the constant of th	onsistent with suc	h; otherwise, if
Na	ame & of Company	Signature Over Printed Authorized Representat		Date

# Section VIII. Checklist of Technical and Financial Documents

### **Notes on the Checklist of Technical and Financial Documents**

The prescribed documents in the checklist are mandatory to be submitted in the Bid, but shall be subject to the following:

- a. GPPB Resolution No. 09-2020 on the efficient procurement measures during a State of Calamity or other similar issuances that shall allow the use of alternate documents in lieu of the mandated requirements; or
- b. Any subsequent GPPB issuances adjusting the documentary requirements after the effectivity of the adoption of the PBDs.

The BAC shall be checking the submitted documents of each Bidder against this checklist to ascertain if they are all present, using a non-discretionary "pass/fail" criterion pursuant to Section 30 of the 2016 revised IRR of RA No. 9184.

# **Checklist of Technical and Financial Documents**

# I. TECHNICAL COMPONENT ENVELOPE

#### Class "A" Documents

	Cuiss A Documents
<u>Legal Do</u>	
(a)	Valid PhilGEPS Registration Certificate (Platinum Membership) (all pages);
(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).
Technica	l 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; <b>and</b>
(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 which shall be supported with Contract; Certificate of Completion (if applicable); Certificate of Acceptance (if applicable); and, Official Receipts as proof of payment; 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) (i)	Conformity with the Schedule of Requirements; <u>and</u> Conformity with the Technical Specifications, which may include production/delivery schedule, manpower requirements, and/or aftersales/parts, if applicable;
(j)	Detailed Engineering Design;
(k)	Certificate of Availability of Stocks and its Location;
(l)	Certificate of Warranty;
(m)	Certificate of Availability of Service Centers or Service Provider;
(n)	Operations Manual;
(o)	Valid NAMDAC certificate as manufacturer/fabricator;
(p)	Valid BAFE Permit to Operate;
(q)	Valid AMTEC test reports for each machinery;
(r)	Workplan and cost estimate for trainings to be conducted;
(s)	Original duly signed Omnibus Sworn Statement (OSS);
	and if applicable, Original Notarized Secretary's Certificate in case of a

(t)	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; and, Conformity to the approved Terms of Reference (TOR).
<u>Financia</u>	l Documents
(f)	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; <b>and</b>
(g)	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
(h)	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. FINANC	IAL COMPONENT ENVELOPE
(i)	Original of duly signed and accomplished Financial Bid Form; and
(j)	Original of duly signed and accomplished Price Schedule(s).
Other do	cumentary requirements under RA No. 9184 (as applicable)
(k)	[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
(l)	government procurement activities for the same item or product.  Certification from the DTI if the Bidder claims preference as a Domestic
	Bidder or Domestic Entity.

#### General Instructions for the Submission of Bids

#### 1. Manual Submission of Bids

a. Each Bidder shall submit three copies of the first and second components of its Bid. The first component enclosed in an envelope shall contain its technical documents while the second component shall contain its financial documents. These two (2) envelopes shall also be enclosed in one (1) sealed envelope properly marked, as follows:

Name of Bidder's Company
Full Address
Project Name
Approved Budget for the Contract
Date and Time of Opening of Bids
Printed Name and Signature of Bidder or its Authorized Representative

- b. All submitted documents including envelopes shall be properly signed or initialed. Unsealed and unmarked envelopes including documents without proper sign or initial shall be considered non-responsive and will be automatically disqualified.
- c. The bidder must ensure that its bid proposal have been submitted and duly received by the RBAC Secretariat on the date and time set for the deadline of submission and receipt of bids.

# Statement of all On-Going Government and Private Contracts, including Contracts Awarded but not yet Started, whether Similar or not Similar in Nature

Name of the Contract or Title	Amount of Name	Owner's Name and		Bidder's Ro	Date		Date Value of	Estimate d Time of	% of Accomplishme nt	
of the Project (1)		Address		Description	%	of Award (5)	Outstand ing Contract	Completi on	Plann ed	Actu al
A) Government Contracts i. On-going ii. Awarded by not yet Started  B) Private Contracts i. On-going ii. Awarded by not yet Started										

NOTE: This	statement	shall be	supported	with
------------	-----------	----------	-----------	------

- 1) Contract/Purchase Order
   2) Notice of Award (NOA), if applicable
   3) Notice to Proceed (NTP), if applicable

Name of Firm / Applicant	Authorized Signing Official	Date

### Statement of all Completed Government and Private Contracts and Single Largest Completed Contract (SLCC) Similar to the Contract to be Bid

List of similarly completed projects within a period of five (5) years from the date of submission and receipt of bids with similar contracts equivalent to the following schemes, to wit:

- 1. One (1) contract that is similar to contract to be bid, equivalent to at least twenty fifty percent (50%) of the ABC to be Bid; or
- 2. Completed at least two (2) similar contracts, the aggregate amount of which should be equivalent to at *fifty percent* (50%) in the case of non-expendable supplies of the ABC for this Project; however, the largest of these similar contracts must be equivalent to at least half of the percentage of the ABC as required above.

Name of the Contract or Title of the Project	a. Owner Name b. Address c. Telephone Nos.	Nature / Scope of Work	Bidder's Role		a. Amount at Award b. Amount at Completion c. Duration	a. Date of Awarded b. Contract Effectivity c. Date completed
			Description	%	c. Bulution	e. Bate completed
Government						
<u>Private</u>						

NOTE: This statement shall be supported w 1. Contract/Purchase Order 2. Certificate of Completion, if ap		
3. Certificate of Acceptance, if ap 4. Official Receipts as proof of pa		
4. Official Receipts as proof of page	ymeni	
Name of Firm / Applicant	Authorized Signing Official	Date

# **BID SECURING DECLARATION FORM**

REPUBLIC OF THE PHILIPPINES) CITY OF								
X		X						
		BID SECURING DECLARATION Invitation to Bid: [Insert Reference number]						
To: [Insert i	name an	d address of the Procuring Entity]						
I/We <sup>2</sup> , the u	ndersign	ned, declare that:						
1.		understand that, according to your conditions, bids must be supported by Security, which may be in the form of a Bid-Securing Declaration.						
2.	any or receiprovi Declar procubid s	accept that: (a) I/we will be automatically disqualified from bidding for contract with any procuring entity for a period of two (2) years upon pt of your Blacklisting order; and, (b) I/we will pay the applicable fine ded under Section 6 of the Guidelines on the Use of Bid Securing aration, within fifteen (15) days from receipt of the written demand by the uring entity for the commission of acts resulting to the enforcement of the ecuring declaration under Sections 23.1(b), 34.2, 40.1 and 69.1, except f), of the IRR of RA 9184; without prejudice to other legal action the rument may undertake.						
3.		understand that this Bid Securing Declaration shall cease to be valid on llowing circumstances:						
	(a)	Upon expiration of the bid validity period, or any extension thereof pursuant to your request;						
	(b)	I am/we are declared ineligible or post-disqualified upon receipt of your notice to such effect, and (i) I/we failed to timely file a request for reconsideration or (ii) I/we filed a waiver to avail of said right;						
	(c)	I am/we are declared the bidder with the Lowest Calculated Responsive Bid, and I/we have furnished the performance security and signed the Contract.						
		SS WHEREOF, I/We have hereunto set my/our hand/s this day of blace of execution].						

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

# [Insert NAME OF BIDDER'S AUTHORIZED REPRESENTATIVE] [Insert Signatory's Legal Capacity] Affiant

of execution], Philippines. Affiant/s is/are by me through competent evidence of id	before me this day of [month] [year] at [place personally known to me and was/were identified lentity as defined in the 2004 Rules on Notarial exhibited to me his/her [insert type of government]					
Practice (A.M. No. 02-8-13-SC). Affiant/s exhibited to me his/her [insert type of govern identification card used], with his/her photograph and signature appearing thereon, with and his/her Community Tax Certificate No issued on at						
Witness my hand and seal this	day of [month] [year].					
	NAME OF NOTARY PUBLIC  Serial No. of Commission  Notary Public for until  Roll of Attorneys No  PTR No [date issued], [place issued]  IBP No [date issued], [place issued]					
Doc. No Page No Book No Series of						

#### OMNIBUS SWORN STATEMENT

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

#### **AFFIDAVIT**

- I, [Name of Affiant], of legal age, [Civil Status], [Nationality], and residing at [Address of Affiant], after having been duly sworn in accordance with law, do hereby depose and state that:
- 1. [Select one, delete the other:]

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

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

2. [Select one, delete the other:]

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

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

- 3. [Name of Bidder] is not "blacklisted" or barred from bidding by the Government of the Philippines or any of its agencies, offices, corporations, or Local Government Units, foreign government/foreign or international financing institution whose blacklisting rules have been recognized by the Government Procurement Policy Board, 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:] The owner or sole proprietor is not related to the Head of the Procuring Entity, members of the Bids and Awards Committee (BAC), the Technical Working Group, and the BAC Secretariat, the head of the Project Management Office or the end-user unit, and the project consultants by consanguinity or affinity up to the third civil degree;

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

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

- 7. [Name of Bidder] complies with existing labor laws and standards; and
- 8. [Name of Bidder] is aware of and has undertaken the responsibilities as a Bidder in compliance with the Philippine Bidding Documents, which includes:
  - a. Carefully examining all of the Bidding Documents;
  - b. Acknowledging all conditions, local or otherwise, affecting the implementation of the Contract;
  - c. Making an estimate of the facilities available and needed for the contract to be bid, if any; and
  - d. Inquiring or securing 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]

# COMPUTATION OF NET FINANCIAL CONTRACTING CAPACITY (NFCC)

A. Summary of the Applicant Firm's Assets and Liabilities on the basis of the attached audited Financial Statements, stamped "RECEIVED" by the Bureau of Internal Revenue or BIR authorized collecting agent, for the preceding calendar year which should not be earlier than two (2) years from the date of bid submission.

	Year
1. Total Assets	
2. Current Assets	
3. Total Liabilities	
4. Current Liabilities	
5. Net Worth (1 – 3)	
6. Net Working Capital (2 – 4)	

B. The Net Financial Contracting Capacity (NFCC) must be at least equal to the approved budget for the contract to be bid.

NFCC = [(Current Assets minus Current Liabilities) (15)] minus the value of all outstanding or uncompleted portions of the projects under on-going contracts, including awarded contracts yet to be started coinciding with the contract to be bid.

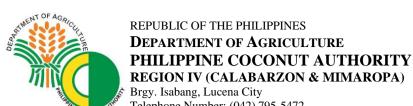
The values of the domestic bidder's current assets and current liabilities shall be based on the latest Audited Financial Statements submitted to the BIR.

C. Or a commitment from a Universal or Commercial Bank to extend a Credit Line in favor of the prospective bidder to be bid which must be at least equal to ten percent (10%) of the Approve Budget for the Contract to be Bid.

Attached herewith are certified true copies of the audited financial statements stamped "RECEIVED" by the Bureau of Internal Revenue or BIR authorized collecting agent for the latest /immediately preceding calendar year.

Name of Firm / Applicant	Authorized Signing Official	Date

NOTES: If Partnership of Joint Venture, each Partner or Member Firm of Joint Venture shall submit separate Financial Statements.



Telephone Number: (042) 795-5472 http://www.pca.da.gov.ph / Email address: regioniv@pca.gov.ph

# FABRICATION, SUPPLY, DELIVERY, INSTALLATION AND COMISSIONING OF EIGHT (8) SETS OF COMPOSTING FACILITY FOR BIODEGRADABLE WASTES (CFBW) WITH APPROVED BUDGET FOR THE CONTRACT (ABC) AMOUNTING TO P8,000,000.00

# **TERMS OF REFERENCE (TOR)**

#### I. REQUIRED TECHNICAL SPECIFICATIONS

The CFBW shall be composed of one (1) unit Biomass Shredder and one (1) unit of Rotary Composter. The specifications are as follows:

#### 1. Biomass Shredder

- A. Shredding capacity: minimum of 1 ton per hour Verification requirement:
  - 1) AMTEC Test Report
  - 2) Post-qualification
- B Shredding efficiency: at least 90% Verification requirement:
  - 1) AMTEC test report
  - 2) Post-qualification requirement (actual testing)
    - a) At least <u>90%</u> of the shredded output shall pass through a 1-inch size screen
    - b) Test material: <u>young coconut</u> (buko) shall be provided by the bidder

Amount of test material: at least 75% of required input capacity of the biomass shredder (i.e. at least 750 kg) (based on PAES 245:2010 - Methods of Testing)

- C. Shredding chamber
  - 1) Thickness: not less than 10 mm
  - 2) Material/method: Cast iron/full-welded metal steel
- D. With built-in wood chipper

Chipping ability minimum requirement: can chip up to 3 cm diameter of softwood (if it can chip bigger diameter of softwood, better)

#### E. Shredding blades and chipping blades

1) Material: minimum of 4140 steel properties or its equivalent, quenched and tempered steel

#### Chemical composition of 4140 Steel:

Element	Required composition by ASM <sup>a</sup> (%) SAE#4140/ AISI# 4140	Required composition by UNS <sup>b</sup> (%) Unified# G41400
Chromium, Cr	0.80-1.10	same as ASM
Manganese, Mn	0.70-1.00	same as ASM
Silicon, Si	0.15-0.35	same as ASM
Carbon, C	0.38-0.43	same as ASM
Molybdenum, Mo	0.15-0.25	same as ASM
Sulfur, S	0.040	max=0.040
Phosphorus	0.035	max=0.035

<sup>&</sup>lt;sup>a</sup> ASM (American Society for Metals) International Metals Handbook, Vol. 1, 10<sup>th</sup> ed.

- 2) Blades shall be replaceable with minimal effort, with no cutting of parts needed, or any work that will compromise the durability of the shredder.
- 3) Blades can be sharpened.
- 4) Spare Blades: With one (1) set spare painted, quenched tempered 4140 (or its equivalent) steel shredding blades.

For verification and sampling of blades, the following number of units are required:

a) Post-qualification: 1 blade

NOTE: The bidder shall have replacement for the 3 blades (post-qualification) and 13 blades (Prior to delivery) to be used for analysis.

- F. Power source/engine
  - 1) Power: At least 7 Hp
  - 2) Diesel; water-cooled; single horizontal cylinder; 4 stroke cycle
  - 3) Power transmission: Belt-driven (with shredder machine and power source mounted on a common steel base)
  - 4) Fuel consumption (on average consumption): Max. of 2.4L/hr
  - 5) Average output power: Not less than 4.45 kW as indicated in the Continuous Running Test per AMTEC Test Report of Engine

b UNS (Unified Numbering System, Metals & Alloys in the), 11th ed.

- 6) Weight: Max. of 75kg; Verification: AMTEC Test Report of Engine
- 7) With manual and standard engine tools
- G. Other parts/provisions
  - 1) Feeding plate and hopper/funnel: thickness of not less than 1.7 mm
  - 2) Belt: with cover or guard provisions; with belt tightening or adjustment mechanism
  - 3) Steel base and rubber wheels: shredder and engine mounted on a heavy-duty common steel base with 4 heavy-duty rubber wheels of at least 6 inches in diameter for easy mobility, with lock
  - 4) Maintenance tools: grease gun, rubber mallet, set of combination wrenches suited for nuts and bolts of the shredder, adjustable wrench, and plastic goggles

#### <u>Verification requirement:</u> post-qualification

- H. AMTEC test report as part of the bidder's technical component envelop:
  - Shredder and engine couple (couple being offered), Certified True Copy by AMTEC
  - 2) Engine only: Submitted AMTEC Test Report for engine shall be Certified True Copy by AMTEC. Please note that a copy of the test report stamped with Certified True Copy by AMTEC is required. It does not have to be the original true copy from AMTEC. This requirement only assures that it is a copy of the report that was certified by AMTEC.

#### 2. Rotary Composter

- A. Rotational Speed: approximately 1-2 turns every 3 minutes
- B. Drum:
  - 9) Material: stainless steel
  - 10) Main panel: thickness of not less than 1.4mm
  - 11) Side panels: thickness of not less than 1.2mm
  - 12) Volumetric capacity: at least 2 cubic meters
  - 13) Input capacity by weight: 1 ton (per batch)
  - 14) With bafflers:
    - c) Number: At least 6
    - d) Material: stainless steel
  - 15) With air vents: four
  - 16) With discharge window and blower
- C. Shaft support and rotary composter stand: angle bar size of at least 3"x3"x1/4"; with diagonal corner bracings on stands (required for 3"x3"x1/4"); with metal footing to improve bearing contact area to the ground
- D. Power Source
  - 5) Power: minimum of 1 hp or 0.746 kW
  - 6) 220V;

- 7) Single-phase induction motor
- 8) Transmission: free-wheel after engine stop so as the weight of the substrate does not stress the engine after stop
- E. AMTEC test for rotary composter Certified True Copy by AMTEC to be part of the bidder's technical component envelop

#### 3. Conformity to Standards

- 1) PNS/PAES 244:2010 (Agricultural machinery Biomass shredder Specifications): Manufacturing requirements; performance requirements; safety, workmanship, and finish; and markings; unless otherwise specified herein.
- 2) PAES 116:2001 (Agricultural machinery Small Engine Specifications): performance requirements; workmanship and finish; maintenance and operations tools requirements; including instruction manual, marking and labeling and other requirements.

#### II. LOT REFERENCES & APPROVED BUDGET FOR THE CONTRACT (ABC)

The project has single lot reference as detailed below.

LOT NO.	DROP-OFF-POINTS (DOPs)	PARTICULARS	QTY.	UNIT	UNIT COST, PhP	TOTAL ABC, PhP
1	CALABARZON					4,000,000.00
	Batangas	Biomass Shredder; & Rotary Composter	1	set	1,000,000.00	1,000,000.00
	Laguna	Biomass Shredder; & Rotary Composter	1	set	1,000,000.00	1,000,000.00
	Quezon I	Biomass Shredder; & Rotary Composter	1	set	1,000,000.00	1,000,000.00
	Quezon II	Biomass Shredder; & Rotary Composter	1	set	1,000,000.00	1,000,000.00
	MIMAROPA					4,000,000.00
	Oriental Mindoro	Biomass Shredder; & Rotary Composter	1	set	1,000,000.00	1,000,000.00
	Marinduque	Biomass Shredder; & Rotary Composter	1	set	1,000,000.00	1,000,000.00
	Romblon	Biomass Shredder; & Rotary Composter	1	set	1,000,000.00	1,000,000.00
	Palawan	Biomass Shredder; & Rotary Composter	1	set	1,000,000.00	1,000,000.00
	TOTAL					8,000,000.00

Prospective bidders must have a wide and reliable experience in the supply and delivery of the above and must have undertaken similar contracts or projects awarded within five (5) years from the date of submission and receipt of bids.

Similar contracts shall refer to fabrication, delivery, installation and commissioning of agricultural machinery and equipment and any other related machinery and equipment.

#### III. ELIGIBILITY REQUIREMENTS INCLUDED IN THE SUBMISSION OF BIDS

Aside from the mandatory legal, technical and financial documents required in the submission of bids, the bidder shall also include the following documents and requirements, to wit:

- 1) Detailed Engineering Design
  - a. Indicating major parts and specifications, including measurements, scale, and other important details of the shredder and composter contained herein.
  - b. Signed and sealed by a Registered Agricultural and Biosystems Engineer with valid copy of PRC License attached.
- 2) Certificate of Availability of Stocks and its Location
  - a. At least 1 unit assembled biomass shredder and at least 1 unit assembled rotary composter; and,
  - b. Unassembled major parts such as the following:
    - Major Parts for Biomass Shredder:
      - ✓ Chamber, shaft, and blades
      - ✓ Engine
    - Major Parts for Rotary Composter:
      - ✓ Rotary drum
      - ✓ Frame/composter stand
      - ✓ Blower
      - ✓ Electric motor

Note: Bidder shall provide inventory of assembled units and unassembled major parts during the Post-qualification.

- 3) Certificate of Warranty
  - a. For parts: minimum of two (2) years
  - b. After sales service: lifetime
  - c. Conformity to minimum standards of PNS/BAFS/PAES 192:2016: Guidelines on After-Sales Service: requirements of services and parts availability, training, maintenance and operation

- 4) Certificate of Availability of Service Centers or Service Provider
  - a. In case of service center: at least 1 per region; with list of addresses, contact persons, and contact details; or
  - b. In case of service provider: contract, proof of training of service provider personnel, list of personnel provided with training
- 5) Operations Manual
  - a. With drawings/photos indicating major parts and functions
  - b. With instructions on how to operate, troubleshoot, replace blades
  - c. Written in understandable text with illustrations
- 6) Valid National Agricultural and Fisheries Machinery Assemblers, Manufacturers, Importers, Distributors and Dealers Accreditation and Classification (NAMDAC) Certificate as manufacturer/fabricator
  - Note: Biomass shredder and rotary composter shall be on the product line of Bidder during Post-qualification
- 7) Valid Bureau of Agricultural and Fisheries Engineering (BAFE) Permit to Operate Certificate as manufacturer/ fabricator
  - Note: Biomass shredder and rotary composter shall be on the product line of Bidder during Post-qualification
- 8) Valid Agricultural Machinery Testing and Evaluation Center (AMTEC) test reports for each machinery
- 9) Workplan and Cost Estimate for Trainings to be Conducted
- 10) Conformity to the approved Terms of Reference (TOR)

#### IV. POST-QUALIFICATION REQUIREMENTS

- 1) Bidders have option to submit manually filed tax returns or tax returns filed through the Electronic Filing and Payments System (EFPS). Upon submission of Bid Documents, the ITR should be included.
  - Note: The latest income and business tax returns are those within the last six months preceding the date of bid submission.
- 2) Verification of all the submitted technical and financial documents
- 3) Testing of assembled biomass shredder and rotary composter and its parts such as the following:

a. Shredding capacity: minimum of 1 ton per hour

#### Verification requirement:

- 1. AMTEC Test Report
- 2. Post-qualification
- b Shredding efficiency: at least 90%

#### Verification requirement:

- 1. AMTEC test report
- 2. Post-qualification requirement (actual testing)
  - a. At least  $\underline{90\%}$  of the shredded output shall pass through a 1-inch size screen
  - b. Test material: young coconut (buko) shall be provided by the bidder

Amount of test material: at least 75% of required input capacity of the biomass shredder (i.e. at least 750 kg) (based on PAES 245:2010 - Methods of Testing)

c. Shredding blades and chipping blades

#### Verification requirement:

Submission of Mill Certificate certified by source dealer or its equivalent ex. Chemical Analysis from DOST- Metals Industry Research and Development Center (MIRDC) as part of the technical component envelop of the bidder.

#### Post-qualification requirement:

Chemical Analysis and Metal ID of the blades by DOST- MIRDC. Cost of analysis will be shouldered by bidder. Number of sample blades: 1

- 4) Video of how to operate, troubleshoot, replace blades
  - a. Included in an on-the-go (OTG) for provision to recipient
  - b. Shall include demonstration of overall operation (mechanism and proper use of auxiliary parts) and maintenance of the machine

#### V. CONTRACT IMPLEMENTATION REQUIREMENTS

- 1. The supplier shall supply the required quantity of machines for ninety (90) calendar days.
- 2. The supplier shall comply with the requirements for the machinery which includes the following:
  - a) Machines should be locally fabricated and brand new;
  - b) Machines can withstand the stresses of demanding use;

- c) Includes delivery, installation and testing provided with all electrical supplies needed for full functioning on-site and commissioning;
- d) Must include all tools for operation and troubleshooting of each machine;
- e) Include machine operational manual for each unit;
- f) Machines shall be free from manufacturing defects, sharp edges and surfaces other than the cutting mechanism to ensure safety of the operators;
- g) Bolts and nuts must be stainless, and painted post-assembly to prevent rusting

#### **VI. PROJECT DELIVERY REQUIREMENTS**

- 1. Prior to the actual delivery of machines, the supplier must notify within seven (7) calendar days, either in writing or through other fastest means both the Provincial and the Regional Offices.
- 2. All items shall be delivered to the identified drop-off-points (DOPs) listed below within ninety (90) calendar days and the supplier shall complete the installation, tests and commissioning (ITC) of the machines within the same period. The conduct of ITC must be in the presence of a representative from the recipient Farmer's Cooperative and Association (FCA) and PCA Agriculturist/CDO.

DROP-OFF-POINT (DOPs)	PARTICULARS	QTY.	UNIT
CALABARZON			
Sinisian, Calaca City, Batangas	Biomass Shredder; & Rotary Composter	1	set
Brgy. III Alaminos, Laguna	Biomass Shredder; & Rotary Composter	1	set
Tumbaga 2, Sariaya, Quezon	Biomass Shredder; & Rotary Composter	1	set
Quezon II	Biomass Shredder; & Rotary Composter	1	set
MIMAROPA			
Oriental Mindoro	Biomass Shredder; & Rotary Composter	1	set
Marinduque	Biomass Shredder; & Rotary Composter	1	set
Romblon	Biomass Shredder; & Rotary Composter	1	set
Palawan	Biomass Shredder; & Rotary Composter	1	set
TOTAL			

<sup>\*1</sup> set includes 1 unit of biomass shredder and 1 unit of rotary composter

- 3. Provision of video of how to operate, troubleshoot, replace blades
  - a. Included in an on-the-go (OTG) for provision to recipient
  - b. Shall include demonstration of overall operation (mechanism and proper use of auxiliary parts) and maintenance of the machine

- 4. Provision of on-site training to beneficiaries within the 90-calendars days delivery period.
  - a. Capacity Enhancement of beneficiaries per batch on the operation and maintenance of Composting Facility for Biodegradable Wastes (Pax expected: 50 per site)
  - b. Resource Speakers of the supplier shall be qualified/knowledgeable to train about the following topics:
    - i. Operation and Maintenance of CFBW
    - ii. Composting Materials for CFBW
    - iii. Production Process of CFBW
    - iv. Hands on Training of CFBW Operation
- 5. Upon completion of ITC and after the training was conducted within the prescribed period, the supplier shall submit to the Provincial Office a written report of the completed tasks. On the basis of this, the Division Chief I or its authorized representative shall prepare a Certificate of Final Acceptance (CFA) and shall sign delivery receipt (DR) once the complete quantity of items has been received. The Provincial Office should secure duplicate copy of the DR for submission to the Regional Office together with the accomplished Inspection and Acceptance Report (IAR) within seven (7) calendar days after the delivery is completed.
- 6. In the case of deficient qualities and/or quantities, the Provincial Office concerned shall immediately notify the Regional Office within seven (7) calendar days. The replacement of deficient qualities and/or quantities shall be delivered to identified DOPs duly covered by replacement delivery invoice which shall be received by PCA authorized personnel.
- 7. In the case of any fortuitous events during the delivery period, the supplier shall immediately inform the Regional Office in writing or any other fastest means for the extension of the delivery period.

#### VII. MAINTENANCE AND TECHNICAL SUPPORT UNDER WARRANTY PERIOD

The declared Single/Lowest Calculated, Rated and Responsive Bidder or the supplier, during the duration of contract, shall provide the following:

- a. Response time within three (3) calendar days from receipt of formal request thru mail or email from the PCA authorized personnel.
- b. Repair or replacement of spare parts due to inherent defects and/or caused by normal operation of the machine.
- c. In case the machine would need repair and/or replacement due to ordinary operation and/or inherent factory defects, the supplier shall replace the

machine with a new unit or one in equally good working condition within thirty calendar (30) days.

- d. The supplier shall provide free-of-charge commissioning of the machines and training on proper handling with the representative of identified FCA, PCA Agriculturist/CDO and/or Division Chief I concerned to orient them on how to operate properly the machinery.
- e. A manual containing operating and service instructions for the machineries and equipment shall be provided for every unit delivered to FCA. The manual should include among others, warnings and safety precautionary measures.
- f. The supplier shall respond with and provide both remedial and preventative service maintenance for all units at no cost.

#### **VIII. TERMS OF PAYMENT**

Payment thru progress billing is allowed as long as the required machinery and equipment and other supplies and materials are completely delivered at the designated DOPs and upon submission by the concerned Provincial Office of the Inspection and Acceptance Reports (IAR); Notices of Delivery (ND); Certificate of Final Acceptance (CFA); and, Sales Invoice with original Delivery Receipts (DR) by the Supplier.

Prepared by:	Approved by:	
(SGD.) MARIETTA C. PEREZ Project Development Officer IV	(SGD.) BIBIANO C. CONCIBIDO, Regional Manager III	JR.
Conforme:		
Name of Company/Bidder	Signature Over Printed Name of Date  Authorized Representative	<u></u> е

#### **Bid Form**

	Invitation	Date: to Bid <sup>3</sup> N°:	
To: [name and address of P	rocuring Entity]		
Gentlemen and/or Ladies:			
numbers], the receipt of wh [supply/deliver/perform] [deliver/perform] [deliver/perform] [to Documents for the sum of [to Documents]]	ich is hereby duly a escription of the Go otal Bid amount in v	acknowledged, we, the undersigned, offer oods] in conformity with the said Biddi words and figures] or such other sums as m of Prices attached herewith and made part	to ng ay
We undertake, if our delivery schedule specified in		o deliver the goods in accordance with tequirements.	he
If our Bid is accepted amounts, and within the time		provide a performance security in the for idding Documents.	m,
•	of bid opening and	Validity Period of one hundred twenty (12 it shall remain binding upon us and may period.	
Commissions or gratui and to contract execution if v		to be paid by us to agents relating to this Econtract, are listed below: <sup>4</sup>	3id,
Name and address of agent	Amount and Currency	Purpose of Commission or gratuity	
(if none, state "None"	")		

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

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

We certify/confirm that we comply with the eligibility requirements as required under Section VIII of the Bidding Document.

<sup>&</sup>lt;sup>3</sup> If ADB, JICA and WB funded projects, use IFB.

<sup>&</sup>lt;sup>4</sup> Applicable only if the Funding Source is the ADB, JICA or WB.

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

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

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

[signature] [in the capacity of]

Duly authorized to sign Bid for and on behalf of

# For Goods Offered From Within the Philippines

Name of Bidder			Invi	•				
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2	3	4	5	6	7	8	9	10
Description	Country of origin	Quantity	Unit price EXW per item	Transportation and Insurance and all other costs incidental to delivery, per item	Sales and other taxes payable if Contract is awarded, per item	Cost of Incidental Services, if applicable, per item	Total Price, per unit (col 5+6+7+8)	Total Pric delivered Fi Destinatio (col 9) x (co
				I				1
[signature	·]			[in the	e capacity o	of]		_
		sion Ric	l for and on			Of]		

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<sup>&</sup>lt;sup>5</sup> If ADB, JICA and WB funded projects, use IFB.

