



**BSWM- BIDS AND AWARDS COMMITTEE  
 SUPPLEMENTAL BID BULLETIN NO. 1**

**CONTRACT: Procurement of Supply and Delivery of 695 units of  
 Technology Package on Composting Facility for  
 Biodegradable Wastes (NCR, Regions 4A, 4B and 5 under  
 GAA 2023) - BSWM IB NO: 2024-04-035**

This Addendum is being issued in accordance with Section 22.5.2 of the IRR of RA 9184, to clarify and modify some provisions of the Bidding Document. **THIS SHALL FORM AN INTEGRAL PART OF THE BID DOCUMENT. Likewise, the succeeding agreements and reminders were discussed during the Pre-Bid Conference held last April 18, 2024 at the BSWM Conference Hall and via Videoconferencing-Zoom.**

**AMENDMENTS OF THE BIDDING DOCUMENT:**

CONCERNS	AGREEMENTS/ AMENDMENTS		
Project IB Number:	<b>BSWM IB NO: 2024-04-035</b>		
Updating of Class A Eligibility Document of PhilGEPS Certification Audited Financial Statement (AFS)	<p><b>Per Revenue Memorandum Circular No. 51-2024 dated April 8, 2024:</b>  <b>“Deadline of Filing of Annual Income Tax Return (AITR) for CY 2023 is until April 15, 2024”</b></p> <p><b>Audited Financial Statement (AFS) shall be submitted as attachment of your AITR, thus you are hereby required to file on or before the deadline stated above.</b></p> <p><b>With this, per GPPB Resolution No. 15-2021, the BSWM BAC will require all the prospective bidder to update its PhilGEPS Certificate with updated eligibility documents including your AFS. Failure to update such, shall be ground for disqualification</b></p>		
<b>Section VI. Schedule of Requirement</b>	Delivery of Goods is required on or before <b>September 30, 2024</b>		
<b>Section VII. Technical Specifications</b>			
<p>E. <u>Shredding blades and chipping blades:</u>            1.c</p> <p>c.) Prior to Inspection and Acceptance: Chemical Analysis, Metal ID, of the blades by DOST- MIRDC. Cost of analysis will be shouldered by the winning bidder. (Acceptance Testing is included)</p>	<p>c.) Prior to Inspection and Acceptance: Chemical Analysis, Metal ID, of the blades by DOST- MIRDC. Cost of analysis will be shouldered by the winning bidder. <b>(The same samples will be used for Acceptance Testing. Acceptance Testing is required by the Dept. of Agriculture through its Department Circular No. 16, Series of 2020.)</b></p> <p>Minimum number of sample blades:</p> <table border="1"> <tr> <td align="center">Post Qualification</td> <td align="center">Prior to Inspection and Acceptance <b>(Same samples for Acceptance Testing)</b></td> </tr> </table>	Post Qualification	Prior to Inspection and Acceptance <b>(Same samples for Acceptance Testing)</b>
Post Qualification	Prior to Inspection and Acceptance <b>(Same samples for Acceptance Testing)</b>		



	<table border="1"> <tr> <td>2</td> <td>8</td> </tr> </table> <p>Note: <b>The samples taken during the Post-Qualification will not be counted as part of the total samples taken Prior to Inspection and Acceptance.</b> Positive Result of analysis shall be available prior to Inspection and Acceptance.</p>	2	8
2	8		
<p><u>L. Shaft Support and rotary composter stand:</u>  Angle bar size: At least 3"x3"x1/4" or Channel Bar: At least 2" x 4" x 6mm  With diagonal corner bracings on stands required for 3"x3"x1/4".  With square metal footing to improve bearing contact area to the ground: Dimensions: 5in x 5in to 6in x 6in, thickness: 6mm-12mm, edges removed</p>	<p><u>L. Rotary Composter Stand:</u>  Angle bar size: At least 3"x3"x1/4" (or <b>76mm x 76 mm x ~6mm</b>) or Channel Bar: At least 2" x 4" x 6mm (<b>Tolerance for width: + or - 3mm; for thickness: + or - 1mm</b>)</p> <p>With diagonal corner bracings on stands required for 3"x3"x1/4".  With square metal footing <b>or circular footing</b> to improve bearing contact area to the ground: Dimensions: For square footing: 5in x 5in to 6in x 6in,  <b>For circular footing: diameter 5in-6in;</b>  Thickness: 6mm-12mm, edges removed</p>		
<p><u>T. Training Provision from Supplier:</u></p> <p>1) Training of beneficiaries <u>SHALL</u> be conducted <u>within 1 month after the final inspection and acceptance.</u></p>	<p><u>T. Training Provision from Supplier:</u></p> <p>Training of beneficiaries <u>SHALL</u> be conducted <b>within 2 months after the final inspection and acceptance.</b></p>		
<b>Section VII. Technical Specifications</b>	Please see attached Revised Section VII. Technical Specification as Annex C.		

**REMINDERS DURING THE PRE-BID CONFERENCE:**

**RA 9184 Section 30.1:**

Bidding will be conducted through open competitive bidding procedures using a non-discretionary "pass/fail" criterion as specified in the Implementing Rules and Regulations (IRR) of Republic Act (RA) 9184, otherwise known as the "Government Procurement Reform Act".

"Any lacking document can cause the submitted bid be automatically rated failed."

**GPPB Resolution No. 15-2021 dated October 14, 2021**

For the purpose of updating the Certificate of Registration and Membership, **all Class "A" eligibility documents** mentioned in Section 8.5, supporting the veracity, authenticity and validity of the Certificate **shall remain current and updated.** The **failure by the prospective bidder to update its Certificate with the current and updated Class "A" eligibility documents shall result in the automatic suspension of the validity of its Certificate** until such time that all of the expired Class "A" eligibility documents has been updated.

- Below are the **acceptable forms of bid security** that bidders may opt to use, **which shall include the Bid Securing Declaration.** The amount of which shall not be less than the required percentage of the ABC in accordance with the following schedule:

Form of Bid Security	Amount of Bid Security (Not less than the required Percentage of the ABC)
Cash or cashier's/manager's check issued by a Universal or Commercial Bank.	Two percent (2%)
Bank draft/guarantee or irrevocable letter of credit issued by a Universal or Commercial Bank: Provided, however, that it shall be confirmed or authenticated by a Universal or Commercial Bank, if issued by a foreign bank.	Two percent (2%)
Surety bond callable upon demand issued by a surety or insurance	Five percent (5%)

company duly certified by the Insurance Commission as authorized to issue such security.	
Bid Securing Declaration (Signed and Notarized)	

**NOTE:** Bidders SHALL use ATTACHED template of Bid Securing Declaration.

**Other forms of Bid Securing Declaration will NOT BE ACCEPTED and SHALL BE RATED “FAILED”.**

Please note that your Bids and Bid Securities should be valid and firm for a period that shall not exceed one hundred twenty (120) calendar days after the date of the opening of bids.

- Net Financial Contracting Capacity (NFCC):

The computation of a prospective bidder’s NFCC must be **at least equal to the ABC to be bid** or, for procurement by lot, **at least equal to the sum of all the ABCs of lots to which it participated.**

NFCC= Current assets minus current liabilities multiplied by 15 (constant factor) minus the value of all outstanding or uncompleted portions of on-going contracts, including awarded contract/s yet to be started, coinciding with the contract to be bid.

**Important Reminders:**

Supplier **shall coordinate with the End-user and Property Management Unit for final schedule of delivery.**

To schedule the delivery, please click this link or scan the QR code:

<https://sites.google.com/view/pmu-scheduleofdelivery/home>



**Sealing and Marking of Bid:**

**The bidders shall submit:**

- ✓ One (1) ORIGINAL COPY.
- ✓ One (1) DUPLICATE COPY.
- ✓ One (1) PDF COPY in a USB – to be placed inside the Duplicate Copy of Technical Proposal and Duplicate Copy of Financial Proposal.

**NOTE:**

- All photocopied documents must be stamped and signed “Certified True Copy”.
- And all pages/documents must be duly signed by the authorized representative (both original and duplicate copies).
- For easy reference, all bidders are requested to provide dog-ear codes/ tabs in the presentation of their documents.

**Reminders:**

- Bidders responsibility to read, study, and review the Bidding Document and Bid Bulletin/s of the procurement project.
- Further clarification/s on the Bidding Document shall be in writing and must be submitted 10 days before the Opening of Bids.
- All bidders who wish to join the bidding shall download the attached document from PhilGEPS website to be included in the Document Request List (DRL).
- Bidders may download the updated Bidding Forms at GPPB Website (<https://www.gppb.gov.ph/downloadables.php>).

- In case of withdrawal of submitted bid, a letter stating their intention to withdraw from the project should be submitted by the bidder not later than the scheduled deadline of submission and opening of bids.
- Bidders declared to have the Lowest/ Single Calculated Bid will be subject for Post-qualification.
- Bidder shall submit the additional requirements listed on the NOTICE as LCB/ SCB within five (5) calendar days from receipt of Notice for Post qualification. Non-compliance can be grounds for post-disqualification.
- Winning Bidders declared to have the Lowest/Single Calculated and Responsive Bid shall submit its Performance Bond and Signed Contract Agreement within ten (10) calendar days from receipt of Notice of Award. Non-compliance can be grounds for forfeiture of award.
- Bidders shall comply **STRICTLY** with Section VI. Schedule of Requirement

**Note:**

NO EXTENSION shall be accepted/ entertained except on meritorious grounds. Late delivery without approved extension request shall be liable for liquidation damages in accordance with Section 3.1 Annex D of RA 9184.

Letter of extension shall receive by the BAC Secretariat before the lapse of the original delivery requirement.

**Clause 4. Section II. Instruction to Bidders: 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.

A complete set of Bidding Document may be acquired by interested Bidders until **April 30, 2024 3:00PM** from the address and website.

**DEADLINE/SCHEDULE OF SUBMISSION AND OPENING OF BIDS:**

Deadline of submission of bid proposals is on **May 02, 2024, 9:00AM**. Late submission shall not be accepted.

Opening of Bids is on **May 02, 2024, 9:30AM** at BSWM Convention Hall and via videoconferencing

For guidance and information of all concerned.

**(Sgd)DENISE A. SOLANO**  
BAC Chairperson

**ANNEX A**

**BSWM Bid Securing Declaration Form**



[ shall be submitted with the Bid if bidder opts to provide this form of Bid Security]

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

**BID SECURING DECLARATION**

**Project Identification No.: [Insert number]**

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

I/We, the undersigned, declare that:

1. I/We understand that, according to your conditions, bids must be supported by a Bid Security, which may be in the form of a Bid Securing Declaration.
2. I/We shall furnish the required performance security within ten (10) calendar days in/ Case of receipt of Notice of Award (pursuant to GPPB Circular No. 04-2020 and GPPB Resolution No. 16-2020).
3. I/We accept that: (a) I/we will be automatically disqualified from bidding for any procurement contract with any procuring entity for a period of two (2) years upon receipt of your Blacklisting Order; and, (b) I/we will pay the applicable fine provided under Section 6 of the Guidelines on the Use of Bid Securing Declaration, within fifteen (15) days from receipt of the written demand by the procuring entity for the commission of acts resulting to the enforcement of the bid securing declaration under Sections 23.1(b), 34.2, 40.1 and 69.1, except 69.1(f), of the IRR of RA No. 9184; without prejudice to other legal action the government may undertake.
4. I/We understand that this Bid Securing Declaration shall cease to be valid on the following circumstances:
  - a. Upon expiration of the bid validity period, or any extension thereof pursuant to your request;
  - b. I am/we are declared ineligible or post-disqualified upon receipt of your notice to such effect, and (i) I/we failed to timely file a request for reconsideration or (ii) I/we filed a waiver to avail of said right; and
  - c. I am/we are declared the bidder with the Lowest Calculated Responsive Bid, and I/we have furnished the performance security and signed the Contract.

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

*[Insert NAME OF BIDDER OR ITS AUTHORIZED REPRESENTATIVE]*

*[Insert signatory's legal capacity]*  
Affiant

**[Jurat]**

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

**ANNEX B**

**Omnibus Sworn Statement (Revised)**

*[shall be submitted with the Bid]*



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

### AFFIDAVIT

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

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

*[If a sole proprietorship:]* I am the sole proprietor 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];

0. *[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)];

0. [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;**

0. 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;

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

0. *[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;

0. *[Name of Bidder]* complies with existing labor laws and standards; and
0. *[Name of Bidder]* is aware of and has undertaken the responsibilities as a Bidder in compliance with the Philippine Bidding Documents, which includes:
  - . Carefully examining all of the Bidding Documents;
  - . Acknowledging all conditions, local or otherwise, affecting the implementation of the Contract;
  - . Making an estimate of the facilities available and needed for the contract to be bid, if any; and
  - . Inquiring or securing Supplemental/Bid Bulletin(s) issued for the *[Name of the Project]*.
0. *[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.
0. **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]*

## Revised Technical Specifications

Item	Specification	Statement of Compliance
<p><i>[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 cross-referenced to that evidence. Evidence shall be in the form of manufacturer’s un-amended 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.]</i></p>		

Item Description	Statement of Compliance
<b>I. One (1) unit Biomass Shredder</b>	
<b>A. <u>Shredding capacity: Minimum of 1 ton per hour</u></b> Verification: 1. AMTEC Test Report 2. Post-Qualification	
<b>B. <u>Shredding efficiency: At least 90%</u></b> Verification: 1. AMTEC Test Report 2. Post-Qualification (actual testing) <b>a.</b> At least <u>90%</u> of the shredded output shall pass through a 1inch-size screen. <b>b.</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 750kg) (Based on PAES 245:2010- Methods of Testing)	
<b>C. <u>Shredding Chamber:</u></b> 1. Thickness: Not less than 10 mm 2. Material/Method: Cast iron/full-welded metal steel	
<b>D. <u>With built-in wood chipper:</u></b> Chipping ability minimum requirement: Can chip up to 3cm diameter of softwood (If it can chip bigger diameter of softwood, better.)	
<b>E. <u>Shredding blades and chipping blades:</u></b> 1) Material: <b>minimum of 4140 steel properties</b> or its equivalent, quenched and tempered steel Verification:	



a. Submitted during the submission of a bid proposal as part of Technical Proposal: Submission of Mill Certificate certified by source dealer or its equivalent such as Chemical Analysis from DOST- Metals Industry Research and Development Center (MIRDC). Please note that analysis results specific for any other project shall not be accepted.

b. Post-Qualification: Chemical Analysis and Metal ID of the blade by DOST - Metals Industry Research and Development Center (MIRDC). Cost of analysis will be shouldered by Bidder.

c. Prior to Inspection and Acceptance: Chemical Analysis, Metal ID, of the blades by DOST- MIRDC. Cost of analysis will be shouldered by the winning bidder. **(The same samples will be used for Acceptance Testing. Acceptance Testing is required by the Dept. of Agriculture through its Department Circular No. 16, Series of 2020.)**

Minimum number of sample blades:

Post Qualification	Prior to Inspection and Acceptance (Same samples for Acceptance Testing)
2	8

Note: **The samples taken during the Post-Qualification will not be counted as part of the total samples taken Prior to Inspection and Acceptance.** Positive Result of analysis shall be available prior to Inspection and Acceptance.

The bidder or its representative shall be present during the submission of samples to the testing center.

NOTE: Failure to comply with the required specification prior to distribution shall be ground for termination of contract and/or blacklisting.

(Based on PAES 103:2000 - Agricultural Machinery - Method of Sampling) Note: The bidder shall have replacement for the blades used for analysis.

Chemical composition of 4140 Steel (minimum requirement):

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

<sup>a</sup>ASM (American Society for Metals) *International Metals Handbook, Vol. 1, 10th ed.*  
<sup>b</sup> UNS (Unified Numbering System, *Metals & Alloys in the*), 11th 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

<p><b>F. Power Source/Engine</b></p> <ol style="list-style-type: none"> <li>1. Power: At least 7-Hp</li> <li>2. Diesel; water-cooled; single horizontal cylinder; 4 stroke cycle</li> <li>3. Power transmission: Belt-driven (with shredder machine and power source mounted on a common steel base)</li> <li>4. Fuel consumption (on average consumption): Max= 2.4L/hr</li> <li>5. Average output power: Not less than 4.45 kW as indicated in the Continuous Running Test per AMTEC Test Report of Engine</li> <li>6. Weight: Max=75 kg; Verification: AMTEC Test Report of Engine</li> <li>7. With manual and standard engine tools</li> <li>8. Submit a photocopy/scanned copy of Certificate of Conformity from DA-BAFE (CTC-optional)- shall be submitted as part of your Technical Proposal.</li> </ol> <p>Note: Bidder shall be the primary holder or is in the list of Authorized Dealers/Distributors/Retailers of the engine. For those under JVA, bidder/s responsible for the supply of engines shall be the primary holder or is in the list of Authorized Dealers/Distributors/Retailers of the engine.</p> <p>Verification is during Post Qualification (presentation of Original Copy or through BAFE website).</p>	
<p><b>G. Other Parts/Provisions</b></p> <ol style="list-style-type: none"> <li>1. Feeding plate and hopper/funnel: Thickness: Not less than 1.7mm</li> <li>2. Belt: <ol style="list-style-type: none"> <li>a. With cover or guard provisions</li> <li>b. With belt tightening or adjustment mechanism</li> </ol> </li> <li>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</li> <li>4. Maintenance tools: grease gun, rubber mallet, set of combination wrenches suited for nuts and bolts of the shredder, adjustable wrench, and heavy-duty goggles; with tool box that can carry the aforesaid tools Verification: Post-Qualification</li> </ol>	
<p><b>H. Valid AMTEC Test Reports for:</b></p> <ol style="list-style-type: none"> <li>1. Shredder and engine couple (couple being offered)</li> <li>2. Engine only.</li> </ol> <p>The AMTEC Test Reports for submission for biomass shredder, engine, and rotary composter may not be the original certified true copy by AMTEC. It can be a <b>CLEAR</b> Photocopy/ scanned copy of the certified true copy by AMTEC.</p> <p><i>Both submitted during submission of bids as part of the technical proposal.</i></p>	
<p><b>I. Conformity to Standards:</b></p> <p>1) PNS/PAES 244:2010 (Agricultural machinery – Biomass shredder – Specifications): Manufacturing requirements; performance requirements; safety, workmanship, and finish; and markings; unless otherwise specified herein. 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.</p> <p><i>“Note: In view of the recent PNS/BAFS 330:2022: Technical Means for Ensuring Safety Guidelines, providing for the acceptable maximum noise level by DOLE, the procuring entity will refer to this in terms of the provisions in the noise level. Under the Normative References of the 2022 Standards, it has referred to the DOLE Occupational Safety and Health (OSH) Standards. Under the Threshold Limit Values for Noise of DOLE OSH Standards, <u>ear protective devices shall be provided</u> if controls fail to reduce sound within specified levels. The procuring entity will abide by this. If the noise level of biomass shredder in the AMTEC Test exceeds that of the prescribed limit in PAES 244:2010, ear protective devices (e.g. earmuffs, earplugs, etc.) shall be provided by the supplier. The number of ear protective devices to be provided will be based on the number of operators indicated in the AMTEC Test Report of the</i></p>	

<p><i>the supplier shall provide at least three ear protective devices per unit of biomass shredder.</i></p> <p>Specification of Ear Protective devices (Ear muffs/Ear Plugs), if applicable With noise reduction rating enough to reduce the noise in excess of the allowable in the AMTEC Test</p>	
<p><b>II. One (1) unit Rotary Composter</b></p>	
<p><u>J. Rotational Speed: Approx. 1-2 turns every 3 minutes</u></p>	
<p><u>K. Drum:</u></p> <ol style="list-style-type: none"> <li>Material: stainless steel</li> <li>Main Panel: Thickness: not less than 1.4mm Side Panels: Thickness: 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 Baffles: <ol style="list-style-type: none"> <li>Number: At least 6</li> <li>Material: stainless steel</li> </ol> </li> <li>With Air vents: four (per side panel)</li> <li>With Discharge window and blower</li> </ol>	
<p><u>L. Rotary Composter Stand:</u></p> <p>Angle bar size: At least 3"x3"x1/4" (or 76mm x 76 mm x ~6mm) or Channel Bar: At least 2" x 4" x 6mm (Tolerance for width: + or - 3mm; for thickness: + or - 1mm)</p> <p>With diagonal corner bracings on stands required for 3"x3"x1/4".</p> <p>With square metal footing <b>or circular footing</b> to improve bearing contact area to the ground: Dimensions: For square footing: 5in x 5in to 6in x 6in, <b>For circular footing: diameter 5in-6in; Thickness: 6mm-12mm, edges removed</b></p>	
<p><u>M. Power Source</u></p> <ol style="list-style-type: none"> <li>Power: Minimum= 1 hp or 0.746kW</li> <li>220V</li> <li>Single-phase induction motor</li> </ol> <p>Transmission: Free-wheel after engine stop so as the weight of the substrate does not stress the engine after stop</p> <ol style="list-style-type: none"> <li>With automatic power off/safety breaker to avoid overheating of motor</li> <li>Power cord length: at least 6 meters</li> </ol>	
<p><u>N. Other Parts/Provisions</u></p> <p>OPTIONAL:</p> <ol style="list-style-type: none"> <li>Ladder</li> <li>Discharge chute</li> </ol>	
<p><u>O. Valid AMTEC Test Report for Rotary Composter - Certified True Copy by AMTEC submitted during submission of bids as part of technical proposal</u></p> <p>The AMTEC Test Reports for submission for biomass shredder, engine, and rotary composter may not be the original certified true copy by AMTEC. It can be a <b>CLEAR</b> Photocopy/ scanned copy of the certified true copy by AMTEC.</p>	
<p>III. Requirements for BOTH Shredder and Composter, and Other Requirements</p>	
<p><u>P. Fabrication: Locally-fabricated; can withstand the stresses of demanding use</u></p> <p><u>Shall be free from manufacturing defects, sharp edges and surfaces other than the cutting mechanism to ensure safety of the operators</u></p> <p>Note: 1 Brand 1 Model for each component.</p>	
<p><u>Q. Bolts and nuts must be stainless</u></p>	
<p>R. Other provisions:</p> <ol style="list-style-type: none"> <li>With sticker containing the BSWM and Banner Program logos to be provided/confirmed by end-user</li> </ol>	

2. With serial number on metal steel plate

**S. Other Submissions:**

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 a valid copy of PRC License attached.
- c. Submitted during submission of bids as part of technical proposal.

2. Certificate of Availability of Stocks and its location:

Lot	Stocks Available	
	Assembled	Raw materials
2	24	216

**IMPORTANT:**

Submit as part of your technical proposal:

2.1 Execution Plan for the whole contract (capacity to produce per week) that the bidder can complete the delivery as scheduled.

Verification: Post-Qualification

Note: Bidder shall provide inventory of assembled units and raw materials during the Post-Qualification.

3. Certificate of Warranty

- a. For parts: Minimum of two (2) years
- b. After sales service: Lifetime
- c. Submitted during submission of bids as part of technical proposal
- d. 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
- e. Warranty Certificate shall be provided to each unit of CFBW (as part of the operations Manual)
- f. With process/steps on how to avail the warranty on the certificate

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 Warranty Certificate per manual for each unit of CFBW
- b. With drawings/photos indicating major parts and functions
- c. With instructions on how to operate, troubleshoot, replace blades
- d. Written in understandable text with illustrations
- e. Submitted during submission of bids as part of technical proposal
- f. With location and contact information of the suppliers nearest Service Center or Service Provider
- g. Manual shall be in English and Filipino language.

<p>6. Valid NAMDAC Certificate as manufacturer/ fabricator Verification: During Bid-Evaluation and Post-Qualification Note: Biomass shredder and rotary composter shall be on the product line of Bidder during Post-qualification</p> <p>7. Valid BAFE Permit to Operate Certificate as manufacturer/ fabricator Verification: During Bid-Evaluation and Post-Qualification Note: Biomass shredder and rotary composter shall be on the product line of Bidder during Post-qualification</p> <p>8. Workplan and Cost Estimate for Trainings to be conducted</p> <p>9. Video of How to Operate, troubleshoot, replace blades a. Included in an OTG flash drive for provision to recipient (during training) b. Verification: During Post-Qualification</p>	
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<p><b>T. Training Provision from Supplier:</b></p> <p>1. For the End-Users – Bureau of Soils and Water Management (BSWM), National Organic Agriculture Program (NOAP), High Value Crop Development Program (HVCDP), National Rice Program (NRP), and National Corn Program (NCP): Hands-on Training prior to delivery (Pax expected: 80, At least 1 day) - With meals (Venue: BSWM, QC)</p> <p>2. For the Beneficiaries a. Demonstration of overall operation (mechanism and proper use of auxiliary parts), and maintenance of the machine by a knowledgeable and capable staff during delivery and inspection of CFBW b. Capacity Enhancement of beneficiaries per batch on the operation and maintenance of CFBW (<i>See attached Annex for details</i>) Inclusive of the following: Meals and accommodation for 2 DAYS AND 1 NIGHT</p> <ul style="list-style-type: none"> <li>• Max. of 2 participants per unit</li> <li>• Representatives from BSWM, Banner Programs (NOAP, HVCDP, NRP, NCP and DA-RFO (RED, Banner Program Regional Focal Persons and APCO))</li> </ul> <p>Training Kits per participant (envelope, ID, pen, notebook, such as/ among others) Hands-on Training (on-site with CFBW)</p> <ul style="list-style-type: none"> <li>• Should be near to the venue</li> <li>• With vehicle provision (from venue to hands-on training site, if applicable)</li> </ul> <p><b>3. Training of beneficiaries <u>SHALL</u> be conducted within 2 months <u>after the final inspection and acceptance.</u></b></p> <p>Submission of Work Plan for training including names of speaker/s assigned per batch. Submit as attachment of technical proposal during submission and opening of bids.</p> <p>4. Submission of all Curriculum Vitae (CV) of resource speakers as supporting document of Section VII. Resource Speakers shall be Qualified/ Knowledgeable to discuss/train about the following topics:</p> <p>a. Operation and Maintenance</p> <ul style="list-style-type: none"> <li>• Composting Process using the technology package offered</li> <li>• Technical Specifications Shredder Machine</li> </ul>	
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<p style="text-align: center;">Rotary Composter</p> <ul style="list-style-type: none"> <li>• Detailed description of Major Parts and its Functions</li> <li>• Maintenance and troubleshooting</li> <li>• Operations Cost Estimate (Labor and Energy Resources)</li> </ul> <p>b. Hands on Training on CFBW Operation</p> <ul style="list-style-type: none"> <li>- Maintenance and troubleshooting (actual)</li> </ul>	
<p><u>U. Point of Delivery: On-site</u></p>	
<p><u>V. Compliance with Section VI. Schedule of Requirement</u></p>	
<p><u>W. Conformity to Section VII- signed by the Authorized Representative and certified and sealed by Agricultural and Biosystems Engineer per Section 27 (e) under RA 10915</u></p>	
<p><u>X. Prices are inclusive of VAT and Freight services</u></p>	
<p><u>Y. During implementation:</u> Upon transfer of technology packages to beneficiaries, the supplier shall coordinate with the beneficiary and provide appropriate actions required per Section IV. General Conditions of Contract and Section V. Special Condition of Contract (SCC) of the bidding document as part of the contract.</p>	
<p><u>Z. For Joint Venture: Joint Venture Agreement or Notarized Statement (from all potential partners) shall include the following provisions:</u></p> <ol style="list-style-type: none"> <li>1. Roles and responsibilities (contributions) of each joint venture partners</li> <li>2. To be signed by all Joint Venture Partners</li> <li>3. Assign specific Authorized Representative for this project</li> <li>4. Duly notarized</li> </ol>	