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

CONTRACT: Supply and Delivery of 572 Units of Technology Package on Small-Scale Composting Facilities (SSCF) for CY 2024- IB NO: BSWM-2024-00-009

BSWM Early Procurement Activities (EPA)

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 November 8, 2023 at the BSWM Convention Hall and via Videoconferencing-Zoom.

AMENDMENTS ON THE BIDDING DOCUMENT:

ORIGINAL	AMENDED
	Please find the attached Revised Section VII. Technical Specification as Annex A with training details.

This procurement is undertaken through **Early Procurement Activity (EPA)** per GPPB Circular 06-2019, Guidelines on the Implementation of EPA, as such:

- a. Award of the Contract is subject to the approval of the General Appropriation Act for CY 2024;
- b. Fixed price rule in procurement shall apply;
- c. Extension of bid validity and security may apply per Article 4 of GPPB Circular 06-2019;
- d. Eligibility requirements shall be valid prior to award of Contract;
- e. Date of earliest delivery shall be determined upon award of Contract

REMINDERS DURING THE PRE-BID CONFERENCE:

- 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.

Note: Please refer to the bidding document for the updated Section VIII. Checklist of Technical and Financial Documents.

- 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 documents can cause the automatic disqualification of bids.”

- **Original duly signed Omnibus Sworn Statement (OSS); and if applicable, Original Notarized Secretary’s Certificate** in case of a corporation, partnership, or cooperative; or **Original Special Power of Attorney of all members of the joint venture** giving full power and authority to its officer to sign the OSS and do acts to represent the Bidder;



- 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 company duly certified by the Insurance Commission as authorized to issue such security.	Five percent (5%)
Bid Securing Declaration (Signed and Notarized)	

NOTE: Bidders SHALL use ATTACHED template of Bid Securing Declaration in the bidding document.

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

- 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.

- Sealing and marking of bid proposal**- The bidder 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>).
 - ✓ Authorization letter and a copy of company ID shall be presented by the Representative of the Bidder who will submit the bid proposal and who will attend the Opening of Bids, on-site or online.

- ✓ In case of withdrawal of a submitted bid, a letter stating their intention to withdraw from the project should be submitted by the bidder no 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.
- ✓ Bidders shall submit the additional requirements listed on the NOTICE as LCB/ SCB within five (5) calendar days from receipt of Notice. *Non-compliance can be grounds for post-disqualification.*

- A complete set of **Bidding Document** may be acquired by interested Bidders until **November 20, 2023, 3:00PM** from the address and website.

DEADLINE/SCHEDULE OF SUBMISSION AND OPENING OF BIDS:

Deadline of submission of bid proposals is on November 21, 2023, 9:00AM.

Opening of Bids is on November 21, 2023, 9:30AM at BSWM Convention Hall and via videoconferencing (Zoom).

For guidance and information of all concerned.

(Sgd)DENISE A. SOLANO
BAC Chairperson

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

<p>shall not be accepted.</p> <p>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.</p> <p>c) Prior to distribution: Chemical Analysis, Metal ID, of the blades by DOST- MIRDC. Cost of analysis will be shouldered by the winning bidder.</p> <p>Number of sample blades:</p> <p>✓ Post-Qualification: 3 blades</p> <p>✓ Prior to distribution: 8 blades</p> <p>Note: Positive Result of analysis shall be available prior to Inspection and Acceptance.</p> <p>The bidder or its representative shall be present during the submission of samples to the testing center.</p> <p>NOTE: Failure to comply with the required specification prior to distribution shall be ground for termination of contract and/or blacklisting.</p> <p>(Based on PAES 103:2000 - Agricultural Machinery - Method of Sampling) Note: The bidder shall have replacement for the blades used for analysis.</p>	
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Chemical composition of 4140 Steel (minimum requirement):

Element	Required composition by ASM ^a (%) SAE# 4140/AISI# 4140	Required composition by UNS ^b (%) 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, P	0.035	max=0.035

^aASM (American Society for Metals) International Metals Handbook, Vol. 1, 10th ed.
^b 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

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= 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
- 6) Weight: Max=75kg; Verification: AMTEC Test Report of Engine
- 7) With manual and standard engine tools
- 8) Submit a photocopy/scanned copy of Certificate of Conformity from DA-BAFE (CTC- optional)- shall be submitted as part of your Technical Proposal.

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>Verification is during Post Qualification (presentation of Original Copy or through BAFE website).</p>	
<p>G. <u>Other Parts/Provisions</u></p> <ol style="list-style-type: none"> 1) Feeding plate and hopper/funnel: Thickness: Not less than 1.7mm 2) Belt: <ol style="list-style-type: none"> a) With cover or guard provisions b) 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 heavy-duty goggles; with tool box that can carry the aforesaid tools <p>Verification: Post-Qualification</p>	
<p>H. <u>Valid AMTEC Test Reports for:</u></p> <ol style="list-style-type: none"> 1) Shredder and engine couple (couple being offered) 2) Engine only. <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 <u>CLEAR</u> 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>I. <u>Conformity to Standards:</u></p> <ol style="list-style-type: none"> 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><i>“Note: In view of the recent PNS/BAFS 330:2022: Technical Means for Ensuring</i></p>	

<p><i>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 biomass shredder. In the absence of such number in the said Report, 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</p>	
<p>J. <u>Bolts and nuts must be stainless</u></p>	
<p><u>II. Two (2) units Vermicompost Tea Brewer</u></p>	
<p>K. <u>Double-barreled compost agitator with minimum of 3 outside bubblers</u></p>	
<p>L. <u>30 liters brewing capacity per brewer</u></p>	
<p>M. <u>220 volts (with standard tools: screwdrivers and pliers)</u></p>	
<p>N. <u>With manual for operation</u></p>	
<p><u>III. Compost Worm (African Night Crawler) (15kgs/per package)</u></p>	
<p>O. <u>ANC (alive/buhay) shall be inspected on delivery site.</u></p>	
<p>P. <u>Other submissions</u></p> <p>1) Detailed Engineering Design of biomass shredder</p> <p> a) Indicating major parts and specifications, including measurements, scale, and other important details of the shredder contained herein</p> <p> b) Signed and sealed by a Registered Agricultural and Biosystems Engineer with valid copy of PRC License attached</p> <p> c) Submitted during submission of bids as part of technical proposal</p> <p>2) Certificate of Availability of Stocks and its location:</p> <p>(biomass shredder and tea brewer)</p>	

Stocks Availability Requirement			
No. of Units	Assembled	Raw Materials	Total
	10%	90%	
185	19	167	185

Submit during the **submission of bid proposal as part of technical proposal**

Verification: Post-Qualification

3) Certificate of Warranty

For parts: Minimum of two (2) years
 After sales service: Lifetime
 Submit during the **submission of bid proposal as part of technical proposal**

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

With drawings/photos indicating major parts and functions

- a) With instructions on how to operate, troubleshoot, replace blades
- b) Written in understandable text with illustrations
- c) Submit during the **submission of bid proposal as part of technical proposal**
- d) With location and contact information of the suppliers nearest Service Center or Service Provider.
- e) **Manual shall include a Warranty and After Sales Certificate per beneficiary.**

6) Valid NAMDAC Certificate as manufacturer/fabricator
 Verification: During Bid-Evaluation and Post-Qualification

Note: Biomass shredder shall be on the product line of Bidder during Post- Qualification

7) Valid BAFE Permit to Operate Certificate as manufacturer/ fabricator
 Verification: During Bid-Evaluation and Post-Qualification

<p>Note: Biomass shredder shall be on the product line of Bidder during Post- Qualification</p> <p>8) Work plan and Cost Estimates for Training to be conducted</p> <p>9) Video of How to Operate, troubleshoot, replace blades</p> <p>a) Included in an OTG for provision to recipient (during capacity enhancement)</p> <p>b) Verification: During Post-Qualification</p>	
<p><u>Q. Training Provision from Supplier:</u></p> <p>1) For the End-Users (Bureau of Soils and Water Management (BSWM), National Organic Agriculture Program (NOAP) and High Value Crops and Development Program (HVCDP)): Hands-on Training prior to delivery (Pax expected: 60, At least 1 day)</p> <ul style="list-style-type: none">- With meals <p>2) For the Beneficiaries</p> <p>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 SSCF</p> <p>c) Capacity Enhancement of beneficiaries per batch on the operation and maintenance of SSCF (See attached Table for details);</p> <p>Inclusive of the following:</p> <p>Meals and accommodation for 2 Days and 1 Night</p> <ul style="list-style-type: none">- Max. of 2 participants per beneficiary- Representatives from BSWM, NOAP- NPCO and DA-RFO (RED, Focal Person and APCO) <p>Training Kits (Notebooks, ballpen, ID) per participant</p> <p>Hands-on Training (on-site with SSCF)</p> <ul style="list-style-type: none">- Should be near to the venue- With vehicle provision <p>Within 3 months after the inspection and acceptance.</p> <p>Resource speakers from supplier</p> <p>3) Submission of all Curriculum Vitae (CV) of Resource Speakers as supporting document of Section VII.</p>	

<p>Resource Speakers shall be Qualified/ Knowledgeable to discuss/train about the following topics:</p> <p>4) Operation and Maintenance</p> <ul style="list-style-type: none"> - Technical Specifications Shredder Machine Vermicompost Tea Brewer - Detailed description of Major Parts and its Functions - Maintenance and troubleshooting - Operations Cost Estimate (Labor and Energy Resources) <p>5) Production Process</p> <ul style="list-style-type: none"> - Composting Materials - Vermicomposting and Vermicompost Tea Brewer Process <p>6) Hands on Training on SSCF Operation</p> <ul style="list-style-type: none"> - Maintenance and troubleshooting (actual) 	
R. <u>Point of Delivery: On-site</u>	
S. <u>Compliance with Section VI. Schedule of Requirement</u>	
T. <u>Prices are inclusive of VAT and Freight services</u>	
<p>U. <u>During implementation:</u></p> <p>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>	

Capacity Enhancement of beneficiaries per batch on the operation and maintenance of SSCF

Region	Allocation	Beneficiaries	BSWM Representative per batch	NOAP and HVCDP, Representative per batch	DA-RFO (RED, Focal Person, APCO, etc.) per batch	Batch per Region	Total Pax
CAR	86	172	2	2	2	4	196
1	26	52	2	2	2	1	58
2	33	66	2	2	2	2	78
3	28	56	2	2	2	1	62
4a	37	74	2	2	2	2	106
NCR	10	20					
4B	37	74	2	2	2	2	86
5	38	76	2	2	2	2	88
6	18	36	2	2	2	2	48
7	36	72	2	2	2	1	78
8	38	76	2	2	2	2	88
9	37	74	2	2	2	2	86
10	37	74	2	2	2	2	86
11	38	76	2	2	2	2	88
12	36	72	2	2	2	2	84
CARAGA	37	74	2	2	2	2	86
Total	572	1144				29	1318