



Republic of the Philippines
 Department of Agriculture
BUREAU OF SOILS AND WATER MANAGEMENT
 SRDC Bldg., Elliptical Road corner Visayas Avenue,
 Diliman, Quezon City

**BSWM BIDS AND AWARDS COMMITTEE
 SUPPLEMENTAL BID BULLETIN
 ADDENDUM NO.2022-00-005-02**

This Addendum is issued to modify items in the Bidding Document. This shall form an integral part of the Bidding Document for the **PROCUREMENT OF SUPPLY AND DELIVERY OF 105 UNITS OF TECHNOLOGY PACKAGE ON COMPOSTING FACILITY FOR BIODEGRADABLE WASTES (CFBW) FOR CY 2022 WITH IB NO. BSWM 2022-00-005.**

After careful deliberation and consultation with the Government Procurement Policy Board (GPPB), Philippine Council for Agriculture and Fisheries (PCAF), DA-Bureau of Agricultural and Fisheries Engineering (DA-BAFE), and Legal Authority, the following technical specifications are hereby amended:

ORIGINAL	BID BULLETIN 2022-00-004-01	AMENDED AS
NAMDAC Accreditation (Department Circular No. 17 s. 2018)	NAMDAC Accreditation (Department Circular No. 17 s. 2018). Shall be submitted with the proposal. Shall submit updated product list before delivery. Note: Shredder and rotary composter shall be on the list.	NAMDAC Accreditation (Department Circular No. 17 s. 2018) Certificate of Accreditation and updated list of product line shall be submitted and presented not later than post-qualification.
BAFE Permit to Operate (as required by DA Circular No. 04 s. 2019)	BAFE Permit to Operate (as required by DA Circular No. 04 s. 2019) Shall be submitted with the proposal. Shall submit updated product list before delivery. Note: Shredder and rotary composter shall be on the list.	BAFE Permit to Operate (as required by DA Circular No. 04 s. 2019) Permit to Operate and updated list of product line shall be submitted and presented not later than post-qualification.

In view of the amendment on the technical specifications, the procurement timeline is rescheduled as follows:

ACTIVITY	SCHEDULE
Deadline of Submission of Bids	December 9, 2021 (9:00AM)
Opening of Bids	December 9, 2021 (9:30AM)

For guidance and information of all concerned.

(SGD) DR. GINA P. NILO
 Assistant Director
 Chairperson, Bids and Awards Committee
 November 29, 2021

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**REVISED TECHNICAL SPECIFICATIONS
PER BID BULLETIN ADDENDUM NO.2022-00-005-02**

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>		
	TECHNOLOGY PACKAGE ON COMPOSTING FACILITY FOR BIODEGRADABLE WASTES (CFBW)	
	1. One (1) unit Biomass Size Reduction Machine	
	A. Minimum capacity of 1.0 ton per hour and size reduction efficiency of at least 90% as per AMTEC Test, with the following specifications:	
	a.1. Heavy duty and locally fabricated (can withstand the stresses of demanding use)	
	a.2. Built-in wood chipper capable of chipping softwoods up to 3cm diameter	
	a.3. 4140 quenched and tempered steel blades (attach Mill Certificate or Composition Analysis) Mill Certificate or Composition Analysis shall be submitted or presented during post-qualification	
	a.4. Feeding plate and hopper/funnel; not less than 1.7mm thickness	
	a.5. Thickness: Not less than 10mm cast iron / full welded metal steel shredding chamber	
	a.6. With one (1) set spare quenched and tempered steel size-reduction blades	
	a.7. With operations manual and maintenance tools (grease guns, rubber mallet, set of combination wrenches and plastic goggles)	
	a.8. Belt cover or guard and provisions for belt tightening and adjustments shall be provided.	

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	a.9. It shall be free from manufacturing defects, sharp edges and surfaces other than the cutting mechanism to ensure safety of the operators	
	B. Power Source: At least 7-Hp Diesel Engine, water cooled with the following continuous running condition	
	b.1. Fuel consumption at full load= 2.4 L/hr (maximum)	
	b.2. Single horizontal cylinder, 4 stroke cycle	
	b.3. Easy manual cranking	
	b.4. Dry weight: 75 kg (maximum)	
	b.5. With Manual and standard engine tools	
	b.6. Continues power of not less than 4.45 kW as indicated in the Continuous Running Test or Varying Load Performance Test conducted by AMTEC	
	C. Type of Power Transmission: belt -driven with size reduction machine and power source mounted on a common steel base	
	D. Must conform to the manufacturing requirements; performance requirements; safety, workmanship, and finish; and markings as contained in PNS/PAES 244:2010	
	E. Must conform with the performance requirements; workmanship and finish; maintenance and operations tools requirements; including instruction manual, marking and labeling and other requirements as contained in PAES 116:2001	
	F. Mobile 4 wheeled shredder (mounted on a heavy-duty common steel base with heavy-duty rubber wheels of at least 6 inches in diameter for easy mobility).	
	G. AMTEC tested (size reduction machine with engine)-Certified True Copy by AMTEC	
	H. AMTEC tested (engine only)-Certified True Copy from the source company.	
	I. Minimum of two (2) years warranty for parts of shredder. Parts does not include consumables (i.e blades, belt drive, rubber post, etc). Minimum of one (1) year warranty for engine.	
	J. Lifetime sales service warranty	
	K. Submission of plans and drawings indicating major parts and other documents pertaining to the biomass shredding machine signed and sealed by a registered agricultural	

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	and bio- systems engineer.	
	L. Certificate of availability of stocks and its location for the biomass size reduction machine (assembled or unassembled parts or raw materials) - at least 1 unit assembled for demonstration and testing - at least 20% (21 units) available	
	Note: Bidder shall provide inventory of assembled units and unassembled parts and raw materials during the post qualification	
	2. One (1) unit Rotary Composter	
	A. Locally fabricated (can withstand the stresses of demanding use)	
	B. Made from austenitic stainless-steel drum (304 or 316 stainless steel) with thickness not less than 1.4mm stainless steel sheet and side panels with a thickness not less than 1.2mm stainless steel sheet and shafting with angle bar frame (4" x 4" x ¼ inch)	
	C. It shall be free from manufacturing defects, sharp edges and surfaces other than the cutting mechanism to ensure safety of the operators	
	D. Volume Capacity=2 cubic meters (minimum)	
	E. Output capacity of at least 750kgs per batch	
	F. Equipped with at least six (6) austenitic stainless steel bafflers (304 or 316 stainless steel), four air vents, discharge window and blower	
	G. Rotational Speed of 1 turn every 3 minutes	
	H. Powered by a single-phase induction motor (minimum 1.0 hp or 0.746kw, 220V, 60Hz)	
	I. Must conform with the requirements of services and parts availability, training, maintenance and operation as contained in PNS/BAFS/PAES 192:2016	
	J. AMTEC tested (rotary composter)-Certified True Copy by AMTEC	
	K. Warranty of two (2) years (minimum)	
	L. After sales service warranty of at least two (2) years	
	M. Submission of plans and drawings indicating major parts and other documents pertaining to the biomass shredding machine and rotary composter signed and sealed by a registered agricultural and bio- systems engineer.	
	N. Certificate of availability of stocks and its location for the Rotary Composter (assembled	

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	or unassembled parts and raw materials) 20% (21 units) at least 1 unit assembled for demonstration.	
	Note: Bidder shall provide inventory of assembled units and unassembled parts and raw materials during the post qualification	
	3. Hands-on Training on the operation and maintenance of Composting Facility for Biodegradable Wastes Package.	
	4. Submit the following:	
	A. NAMDAC Accreditation (Department Circular No. 17 s. 2018). Certificate of Accreditation and updated list of product line shall be submitted and presented not later than post-qualification.	
	B. BAFE Permit to Operate (as required by DA Circular No. 04 s. 2019). Permit to Operate and updated list of product line shall be submitted and presented not later than post-qualification.	
	5. Point of Delivery: LGUs as attached Delivery Sites	
	6. Certificate of Availability of Service Center Nationwide (list address of Service Centers). Certificate shall be signed and notarized.	
	7. Compliance with Section VI. Schedule of Requirement	
	8. Prices are Inclusive of VAT and Freight services	