

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

SUPPLEMENTAL BID BULLETIN

ADDENDUM NO. 2021-02-016-01

This Addendum is issued to modify items in the Bid Documents. This shall form an integral part of the Bid Documents. The following agreements and reminders were discussed during the Pre-Bid Conference held last **March 4, 2021** for the **PROCUREMENT OF SUPPLY AND DELIVERY OF 61 UNITS OF SMALL-SCALE COMPOSTING FACILITY (SSCF)FOR CY 2021** with an ABC of **TWENTY SEVENMILLION FOUR HUNDRED FIFTY THOUSAND PESOS (PHP 27,450,000.00).**

The Bureau is now adopting_the GPPB Resolution No. 16-2020 dated September 16, 2020 (Simplified PBDs shall be used for Competitive Bidding of Procurement Projects that will be posted upon its effectivity on 06 October 2020).

AGREEMENTS AND REMINDERS DURING THE PRE-BID CONFERENCE:

REVISED TECHNICAL SPECIFICATION:

	FINAL SSCF
1	1. One (1) unit Biomass Shredder Machine
2	Minimum capacity of 1 ton per hour at the following conditions:
	Heavy duty. No breakdown of major parts for at least 6 months of continuous use. Proof to
3	be verified during Post-Qualification from previous deliveries.
4	Shredding efficiency shall be at least 90%.
5	High quality tool steel blades.
	Casted (Cast Iron) /Seamless Metal Steel (No welding on the body) shredding chamber with
6	thickness of not less than 10mm.
7	Built-in wood chipper capable of chipping softwoods up to 3cm diameter.
8	Checkered feeding plate and hopper/funnel; not less than 1.7mm thickness.
	Belt cover or guard and provisions for belt tightening (with tensioner) and adjustments shall
9	be provided.
10	Cutting mechanism/blades shall be replaceable and can be sharpened.
	It shall be free from manufacturing defects, sharp edges and surfaces (other than the cutting
11	mechanism) to ensure safety of the operators.
12	With one (1) set spare steel blades.
	With operations manual and maintenance tools (grease guns, rubber mallet, set of
13	combination wrenches and plastic goggles).
	Must conform to the manufacturing requirements; performance requirements; safety,
14	workmanship, and finish; and markings as contained in PNS/PAES 244:2010.
	Power Source: At least 7-Hp Diesel Engine, water cooled with the following
15	continuous running condition:
16	Fuel consumption at full load= 2.3 L/hr (maximum).
17	Single horizontal cylinder, 4 stroke cycle.
18	Easy manual cranking.
19	Dry weight: 70 kg (maximum).
20	With standard engine tools.
	Must conform with the performance requirements; workmanship and finish; maintenance
	and operation tools requirements, including instruction manual; marking and labelling; and
21	other requirements as contained in PAES 116:2001.
	Type of Power Transmission: belt -driven with biomass shredder machine and power
22	source mounted on a common steel base.
	Mobile 4 wheeled shredder (mounted on a heavy-duty common steel base with heavy-duty
23	rubber wheels of at least 6 inches in diameter for easy mobility).



	Certificate of availability of stocks for the biomass shredder machine (assembled or
	unassembled parts) 40% of the total required units for the project to cover the April and
24	May requirement.
25	AMTEC tested (biomass shredder machine with engine)-Certified True Copy by AMTEC.
26	AMTEC tested (engine only)-Certified True Copy from the source company.
	Certificate of Warranty for at least two (2) years for parts, defective materials and
27	workmanship (this will form part of the contract).
28	Certificate of Lifetime sales service warranty (this will form part of the contract).
	Submission of plans, drawings and other documents pertaining to the biomass shredding
29	machine signed and sealed by a registered agricultural and bio- systems engineer.
30	2. Minimum of Two (2) units Electric-powered Compost Tea Brewer with ff condition:
31	Double-barreled compost agitator with minimum of 3 outside bubblers.
32	30 liters brewing capacity per brewer.
33	Power supply: 220 volts input.
34	With standard tools and accessories: screw drivers and pliers, etc.
35	3. Compost Worm (African Night Crawler) (Minimum of 15 kgs/package)
36	4. Other Requirements for the package:
	Availability of 1-unit SSCF technology package for demonstration during post-qualification.
37	Specify location (complete address) of demo unit under the "Comply" statement.
38	Point of Delivery: Project site (as shown in the distribution list).
	Must conform with the requirements of services and parts availability, training, maintenance
39	and operation as contained in PNS/BAFS/PAES 192:2016.
	Hands-on Training on the operation and maintenance of Small-Scale Composting Facility
40	Package.
41	NAMDAC Accreditation document.
42	Compliance to Section VI. Schedule of Requirements.
	Must have a proof of demonstrated capability to deliver composting facilities such as
	completed contracts for delivery of large number of machineries for composting
	facilities/waste management/material recovery facilities in a short period time. (Contract,
43	Official Receipt, Acknowledgement/Acceptance of the Procuring Entity)
10	

- ✓ The documents required for eligibility, technical proposal and financial proposal are found at Section VIII Checklist of Technical and Financial Documents of the bidding document.
- ✓ For SLCC, similar contract shall be Contract for Supply and Delivery of agricultural / processing machineries, equipment, and or its equivalent completed within 3 consecutive years

The Bidder must have Completed at least two (2) similar contracts, the aggregate amount of which should be equivalent to at least fifty percent (50%) (PhP 13,725,000.00) of ABC.

The **largest** of these similar contracts must be equivalent to **at least half of the percentage of the ABC as required above**. (PhP 6,862,500.00)

 Please see attached sample form for Single Largest Completed Contract (SLCC) and form for Statement of all ongoing Government & Private Contracts including Contracts Awarded but not yet started for your reference (ANNEXES A and B).

Note: if no ongoing projects/ contracts, please state "none" or "no ongoing projects/contracts" in the form for the Statement of all on going Government and Private Contracts.

✓ Delivery of the Goods/Services is required until August 31, 2021. See Schedule of Requirements and Distribution List (Please see the attached Revised Distribution List-ANNEX C).



✓ **Awarding is per lot basis.** One Project which shall be awarded as one contract.

Bidders who wish to attend the Opening of sealed Bids will be allowed thru videoconferencing (via Zoom) as per GPPB Resolution No. 24-2018. Please coordinate with the BAC Secretariat a day before the Opening of bids thru <u>bswm.bacsec@gmail.com</u>. Said activities will also be available "live" through BSWM Procurement Service FB Page (<u>https://www.facebook.com/bswmpms</u>).

For bank-to-bank payment (Land bank of the Philippines), please coordinate with the BAC Secretariat thru <u>bswm.bacsec@gmail.com</u>.

REITERATION OF THE BIDDING 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."

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.	
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%)

Please be guided that the surety bond issued by GSIS as well as a cash deposit certificate is no longer accepted.

The bidders are reminded that their 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

The computation of a prospective bidder's NFCC must be at least equal to the ABC to be bid, calculated as follows:

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

Note: K= 15 is a constant factor per RA 9184 Revised IRR

The bidders shall submit two (2) separate envelopes, placed in one sealed envelope. An illustration is provided on the bidding documents showing the required envelopes and markings of the documents for the eligibility screening, technical and financial proposal. For lot projects, separate Bid Proposal Envelopes per Lot.

The bidders shall submit one (1) copy of original documents (certified true copies) and one (1) duplicate copy.

The bidders are reminded of the requirements to be submitted within five (5) calendar days after the receipt of the Notice from the BAC that your bid has been identified as the Lowest Calculated Bid (LCB) and subject for Post-Qualification of BAC TWG as stated in ITB Clause no. 20.2 of the Bid Documents.

Also, submission of the required Performance Security and Signed Contract Agreement within ten (10) calendar days after the receipt of Notice of Award (NOA) as Single/Lowest Calculated and Responsive Bid (SCRB/LCRB) as stated in RA 9184 Section 37.2.1 and Section 37.2.

The **Omnibus Sworn Statement shall be part of the Technical Proposal** in accordance with Section 25.2(a)(viii) of the IRR of RA 9184, using the **revised OSS as of October 6, 2020.**

For **GPPB updated bidding forms**, please refer to GPPB website at www.gppb.gov.ph (<u>https://www.gppb.gov.ph/downloadables.php</u>)

Only bidders with a Platinum PhilGEPS membership are allowed to join competitive biddings as per GPPB Circular No. 07-2017 dated July 31, 2017.

An authorization letter and photocopy of company ID for the representative of the bidders who shall submit the bids in behalf of their company is required to be submitted on BAC Secretariat.

In case of withdrawal, a letter stating their intention to withdraw from the project should be submitted by the bidder before the scheduled Opening of Bids.

For easy reference, all bidders shall provide dog-ear codes in the presentation of their documents.

All pages/documents must be duly signed by the authorized representative (original and duplicate proposal).

Deadline of submission of bidding documents is on March 18, 2021, 9:00AM.

Opening of Bids is on March 18, 2021, 9:30AM at BSWM Convention Hall.



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Schedule of Submission and Opening of Bids is subject to change due to Community Quarantine enforced by the government in line with the COVID-19 pandemic. Please refer to the BSWM PhilGEPS posting for updates (https://www.philgeps.gov.ph/) and BSWM FB page https://www.facebook.com/bswmpms.

For guidance and information of all concerned.

GINA/P. NILO

March 5, 2021



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ANNEX A

Statement of all Ongoing Government & Private Contracts Including Contracts Awarded but not yet Started

Business Name:

Name of Contract/ Project Cost a. Owner's Name Address c. Nature Total Cost Bidders Role Address c. a. Date Role Date Started Completion a. Mature Planned % of Accomplishment Planned Value of Planned Valu	Business Address:	SS						
Intract/ act Cost Contrest Nature Address Nature of Work Description % b. Date Started Completion Planned Actual Iment Iment <td< td=""><td>Namo of</td><td>a Dumor's Nam</td><td>></td><td>Bidders Ro</td><td>ole</td><td>% of Accom</td><td>nplishment</td><td>Vialua of</td></td<>	Namo of	a Dumor's Nam	>	Bidders Ro	ole	% of Accom	nplishment	Vialua of
	Contract/ Project Cost	 b. Address c. Telephone No 		Description	%	Planned	Actual	Undelivered Portion
	Government							
Total Cost	Private							
Total Cost								
Total Cost								
						Total Cost		

Submitted by:	(Printed Name and Signature)
Designation:	
Date:	





Date:	Designation:	Submitted by:	 Notice of Award OR Notice to Proceed issued by the End user OR its equivalent; Copy of actual contract OR its equivalent; and Certificate of Completion OR End-user's Acceptance OR Proof of payment 	Note: The following documents shall be presented for verification of the above Total statement during Post-Qualification:			b. Address	Name Nature of Bidders Role a. Date Awarded	Statement of Completed Similar Contracts Business Address:	
≤ 10000 p v1000							Value of Works	VI-La STATAT		

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ANNEX C.

Allocatio Organic A CY 2021	Allocation for Small Scale C Organic Agriculture Program CY 2021	Allocation for Small Scale Composting Facility (SSCF) Organic Agriculture Program CY 2021	ty (SSCF)		
Region	No. of Allocation	Province	Municipality	Beneficiary	Point of Delivery
	1	Benguet	Itogon	LGU-Itogon	Municipal Local Government Unit of Itogon, Benguet
	4			Bunguton Ikkoy Imbangnge Ipeheng Pohngar Small Water Irrigation System Association Inc.	Bunguton Ikkoy Imbangnge Ipeheng Pohngar Small Water Irrigation
LAK		Ifugao	Banaue	(BIIIPSWISA)	System Association Inc. (BIIIPSWISA), Banaue, Ifugao
	1	Benguet	La Trinidad	LGU La Trinidad	Municipal Local Government Unit La Trinidad, Benguet
	1	Benguet	Mankayan	Bato-Pakedlan Irrigators Association	Bato-Pakedlan Irrigators Association, Mankayan, Benguet
	4				
	1	Ilocos Sur	Sinait	Paratong Macabiag Irrigators Association	Paratong Macabiag Irrigators Association, Sinait, Ilocos Sur
	1	Ilocos Sur	Sta Maria	Burgos Sta Maria Irrigators Multipurpose Cooperative	Burgos Sta Maria Irrigators Multipurpose Cooperative, Sta Maria, Ilocos Sur
I	1	Ilocos Norte	Laoag City	Provincial Agriculture Office Laoag City, Ilocos Norte	Provincial Agriculture Office Laoag City, Ilocos Norte
	4	La Union	Naguilian	Sugna Farmers, Fisherfolks and Homemakers Association	Sugna Farmers, Fisherfolks and homemakers Association, Naguilian, La Union
	4				
	Ч	Cagayan	Tuguegarao City	Provincial Veterinary Office	Provincial Veterinary Office, Tuguegarao City, Cagayan
II		Cagayan	Allacapan	BLGU Iringan	Barangay Local Government Unit Brgy. Iringan, Allacapan, Cagayan
	щ	Isabela	Delfin Albano	Aneg Swis Water Service Coop	Aneg Swis Water Service Coop, Delfin Albano, Isabela
	1	Isabela	Ilagan	BLGU Bating	BLGU Bating, Ilagan, Isabela
	4				
	1	Nueva Ecija	Santa Rosa	Malacanang Farmers Association	Malacanang Farmers Association, Brgy. Malacañang, Sta Rosa, Nueva Ecija
III	1	Nueva Ecija	Science City of Muñoz	Balante Communal Irrigators Association	Balante Communal Irrigators Association, Science City of Muñoz, Nueva Ecija
	1	Nueva Ecija	San Jose	Maasip Tribal Organic Farmers Association	Maasip Tribal Organic Farmers Association, San Jose, Nueva Ecija
	1	Nueva Ecija	Talavera	Municipality of Talavera	Municipality of Talavera

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Cebu	Negros Oriental	Negros Oriental	Bohol		Negros Occidental	Negros Occidental	Iloilo	Aklan		Masbate	Masbate	Albay		Palawan	Occidental Mindoro	Occidental Mindoro	Occidental Mindoro		Laguna	Laguna	Laguna	Metro Manila	Laguna	Laguna	
Toledo	Bayawan City	Bayawan City	Duera		Murcia	Patnongon	Miag ao	Makato		Aroroy	Milagros	Pio Duran		Narra	Mamburao	Rizal	San Jose		Calauan	Majayjay	Rizal	Quezon City	Bay	Bay	
Toledo United Farmers, Fishermen, Women/Men Workers Federation (TUFFWOW Corporation)	Maharlika Community Entrepreneurs Agrarian Reform Cooperative	Organic Farmer Practitioner of Bayawan City (OFRAB)	Guinsularan National High School(GNHS) DepEd		Cansilayan National High School	Cuyapiao Farmers Association	Igtuba Farmers Association	Aklan Provincial Organic Producers Association (APOPA)		Jaboyoan Farmers Association	Milagros High School	Pio Duran Farmers Association		Asia Pacific Island New Hope Ministries, Inc.	Maculbo Eco Farm (ATI Accredited Learning Site)	Kaagapay Sa Kabuhayan Sustainable Livelihood Project	Pangakalikasan Samahan ng Buhid sa Bato Singit		Inang Kalikasan Agricultural Cooperative	Majayjay Organic Farmers Association	Rizal Laguna Upland Farmers Association	Kingspoint Homeowners Association	Arnold and Paz Organic Farm	Dila Multipurpose Cooperative Inc.	
Toledo United Farmers, Fishermen, Women/Men Workers Federation (TUFFWOW Corporation) Upper Dakit, Cabito-onan, Toledo City, Cebu	Maharlika Community Entrepreneurs Agrarian Reform Cooperative, Brgy. Dawis, Bayawan City, Negros Oriental	Organic Farmer Practitioner of Bayawan City (OFRAB), Bayawan City, Negros Oriental	Guinsularan National High School(GNHS) DepEd, Duera, bohol		Cansilayan National High School, Murcia, Negros Occidental	Cuyapiao Farmers Association, Patnongon, Antique	Igtuba Farmers Association, Miag ao, Iloilo	Aklan Provincial Organic Producers Association (APOPA), Makato, Aklan		Jaboyoan Farmers Association, Aroroy, Masbate	Milagros High School, Milagros, Masbate	Pio Duran Farmers Association, Pio Dura		Asia Pacific Island New Hope Ministries, Inc., Narra, Palawan	Maculbo Eco Farm (ATI Accredited Learning Site), Mamburao Occidental, Mindoro	Kaagapay Sa Kabuhayan Sustainable Livelihood Project, Rizal, Occidental Mindoro	Pangakalikasan Samahan ng Buhid sa Bato Singit, San Jose, Occidental Mindoro		Inang Kalikasan Agricultural Cooperative, Barangay Dayap, Calauan, Laguna	Majayjay Organic Farmers Association, Majayjay, Laguna	Rizal Laguna Upland Farmers Association, Rizal, Laguna	Novaliches, Quezon City	Tranca Bay, Laguna	Dila Multipurpose Cooperative, Bay, Laguna	

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	South Cotabato	Sultan Kudarat	Cotabato	Cotabato		Davao Oriental	Davao City	Davao del Norte	Davao de Oro		Misamis Oriental	Misamis Occidental	Lanao del Norte	Bukidnon		Zamboanga Sibugay	Zamboanga del Sur	Zamboanga del Norte	Zamboanga del Sur		Leyte	Leyte	Western Samar	Leyte	
	Tupi	Lebak	Kidapawan City	Pigcawayan		Tarragona	Davao City	San Isidro	Monkayo		Alubijid	Ozamis City	Bacolod	Malaybalay		Tungawan	Josefina	Siayan	Dimataling		Leyte	Baybay City	Sta Margarita	Babatngon	
	Palian Christian Farmers Association	Municipal Government Unit of Lebak, Sultan Kudarat	ATI learning site for Agriculture	New Life Community Outreach Pigcawayan		LGU Tarragona, Davao Oriental	Cadalian Central Elementary School Baguio District, Davao City	Mamangan Farmers Organization	LGU Monkayo, Davao de Oro		Tugasnon Farmers Cooperative	Gotocan Diot Organic Farmers Practioners	Queensland farm	Dalwangan Elementary School		Adventist Organic Farming Association	LGU- Josefina	Polayo Organic Farmers Association	Josefina WEMRIC		Conchita's Farm School	Godoy Land Diversification Farm (GOLD Farm) School	Cagsumje, Canipulan, Solsogon Farmers Association (CCSFA)	Sitio Sogod Farmers Association (SISOFA)	
	Palian Christian Farmers Association	Municipal Local Government Unit of Lebak, Sultan Kudarat	ATI learning site for Agriculture, Kidapawan City, Coatabato	New Life Community Outreach, Pigcawayan, North Cotabato		Municipal Local Government of Tarragona, Davao Oriental	Cadalian Central Elementary School Baguio District, Davao City	Mamangan Farmers Organization, San Isidro, Davao del Norte	Municipal Local Government of Monkayo, Davao de Oro		Tugasnon Farmers Cooperative, Alubijid, Misamis Oriental	Gotocan Diot Organic Farmers Practioners, Ozamis City, Misamis Occidental	Queensland farm, Bacolod, Lanao del Norte	Dalwangan Elementary School, Malaybalay, Bukidnon		Adventist Organic Farming Association, Tungawan, Zamboanga Sibugay	Municipal Local Government of Josefina, Zamboanga del Sur	Polayo Organic Farmers Association, Siayan, Zamboanga del Norte	Josefina WEMRIC, Dimataling, Zamboanga del Sur		Conchita's Farm School, Leyte, Leyte	Godoy Land Diversification Farm (GOLD Farm) School, Baybay City, Leyte	Cagsumje, Canipulan, Solsogon Farmers Association (CCSFA) Sta Margarita, Western Samar	Sitio Sogod Farmers Association (SISOFA), Batbangon, Leyte	

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TOTAL				LAKAUA			
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		Surigao del Sur	Surigao del Sur	Surigao del Norte		Agusan del Norte	
		Cantilan	Carascal	Socorro		Las Nieves	
		LGU-Cantilan	LGU-Carascal	Nueva Estrella Consumers Cooperative		Green Leaf Farmers Association	
4		Municipal Local Government of Cantilan, Surigao del Sur	Municipal Local Government of Carascal, Surigao del Sur	Surigao del Norte	Nueva Estrella Consumers Cooperative, Nueva Estrella, Soccoro,	Norte	Green Leaf Farmers Association, Malicato, Las Nieves, Agusan del

Section VII. Technical Specifications

Notes for Preparing the Technical Specifications

A set of precise and clear specificat

ions 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	Specification	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 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.]
	TECHNOLOGY PACKAGE ON SMALL SCALE COMPOSTING FACILITY	
1	1. One (1) unit Biomass Shredder Machine	
2	Minimum capacity of 1 ton per hour at the following conditions:	
3	Heavy duty. No breakdown of major parts for at least 6 months of continuous use. Proof to be verified during Post-Qualification from previous deliveries.	
4	Shredding efficiency shall be at least 90%.	

5	High quality tool steel blades.	
6	Casted (Cast Iron) /Seamless	
Ũ	Metal Steel (No welding on the	
	body) shredding chamber with	
	thickness of not less than 10mm.	
7	Built-in wood chipper capable of	
,	chipping softwoods up to 3cm	
	diameter.	
8	Checkered feeding plate and	
0	hopper/funnel; not less than	
	1.7mm thickness.	
9	Belt cover or guard and	
,	provisions for belt tightening	
	(with tensioner) and adjustments	
	shall be provided.	
10	Cutting mechanism/blades shall	
10	be replaceable and can be	
	sharpened.	
11	It shall be free from	
11	manufacturing defects, sharp	
	edges and surfaces (other than the	
	cutting mechanism) to ensure	
	safety of the operators.	
12	With one (1) set spare steel	
	blades.	
13	With operations manual and	
	maintenance tools (grease guns,	
	rubber mallet, set of combination	
	wrenches and plastic goggles).	
14	Must conform to the	
	manufacturing requirements;	
	performance requirements;	
	safety, workmanship, and finish;	
	and markings as contained in	
	PNS/PAES 244:2010.	
15	Power Source: At least 7-Hp	
	Diesel Engine, water cooled with	
	the following continuous running	
	condition:	
16	Fuel consumption at full load=	
	2.3 L/hr (maximum).	
17	Single horizontal cylinder, 4	
	stroke cycle.	
18	Easy manual cranking.	
19	Dry weight: 70 kg (maximum).	
20	With standard engine tools.	

21	Must conform with the	
21		
	performance requirements;	
	workmanship and finish;	
	maintenance and operation tools	
	requirements, including	
	instruction manual; marking and	
	labelling; and other requirements	
22	as contained in PAES 116:2001.	
22	Type of Power Transmission:	
	belt -driven with biomass	
	shredder machine and power	
	source mounted on a common	
22	steel base.	
23	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).	
24	Certificate of availability of	
24	stocks for the biomass shredder	
	machine (assembled or	
	unassembled parts) 40% of the	
	total required units for the project	
	to cover the April and May	
	requirement.	
	(25 units)	
25	AMTEC tested (biomass	
_	shredder machine with engine)-	
	Certified True Copy by AMTEC.	
26	AMTEC tested (engine only)-	
	Certified True Copy from the	
	source company.	
27	Certificate of Warranty for at	
	least two (2) years for parts,	
	defective materials and	
	workmanship (this will form part	
	of the contract).	
28	Certificate of Lifetime sales	
	service warranty (this will form	
	part of the contract).	
29	Submission of plans, drawings	
	and other documents pertaining	
	to the biomass shredding	
	machine signed and sealed by a	

	registered agricultural and bio-	
	systems engineer.	
30	2. Minimum of Two (2) units Electric-powered Compost Tea	
	Brewer with ff condition:	
31	Double-barreled compost	
	agitator with minimum of 3	
	outside bubblers.	
32	30 liters brewing capacity per brewer.	
33	Power supply: 220 volts input.	
34	With standard tools and	
	accessories: screw drivers and	
	pliers, etc.	
35	3. Compost Worm (African	
	Night Crawler) (Minimum of	
	15 kgs/package)	
36	4. Other Requirements for the	
	package:	
37	Availability of 1-unit SSCF	
	technology package for	
	demonstration during post-	
	qualification.	
	Succification (complete	
	Specify location (complete address) of demo unit under the	
	"Comply" statement.	
38	Point of Delivery: Project site (as	
50	shown in the distribution list).	
39	Must conform with the	
	requirements of services and	
	parts availability, training,	
	maintenance and operation as	
	contained in PNS/BAFS/PAES	
	192:2016.	
40	Hands-on Training on the	
	operation and maintenance of	
	Small-Scale Composting Facility	
4.1	Package.	
41	NAMDAC Accreditation	
42	document.	
42	Compliance to Section VI. Schedule of Requirements.	
43	Must have a proof of	
40	demonstrated capability to	
	deliver composting facilities such	
	denver composing facilities such	

	as completed contracts for	
	delivery of large number of	
	machineries for composting	
	facilities/waste	
	management/material recovery	
	facilities in a short period time.	
	(Contract, Official Receipt,	
	Acknowledgement/Acceptance of	
	the Procuring Entity)	
44	Compliance to Section VI.	
	Schedule of Requirements	

Name and Signature of Authorized Representative

Company Name

Date Signed