



BIDS AND AWARDS COMMITTEE

SUPPLEMENTAL BID BULLETIN NO. 1  
**SUPPLY OF LABOR AND MATERIALS FOR THE DESIGN, FABRICATION, DELIVERY AND ON-SITE  
 INSTALLATION, TESTING AND COMMISSIONING OF EQUIPMENT AND MACHINERIES OF  
 VARIOUS COCONUT PROCESSING CENTERS  
 (PHilMech-CTF-24-02-05)**

This **Supplemental/Bid Bulletin No. 1** is being issued to clarify, amend and supplement provisions in the Bidding Documents.

**A. ISSUES AND CONCERNS DURING THE PRE-BID CONFERENCE**

1. Issue / Proposal: Request that the delivery period for Lot 2 be 120 calendar days instead of 90 days because it can be expected that frequent power failure will happen during the dry season.				
Action Taken/Reply: <b>Request/proposal is granted. Delivery period is amended to 120 calendar days</b>				
	FROM		TO	
Invitation to Bid	2. The PHilMech now invites bids from eligible bidders for the SUPPLY OF LABOR AND MATERIALS FOR THE DESIGN, FABRICATION, DELIVERY AND ON-SITE INSTALLATION, TESTING AND COMMISSIONING OF EQUIPMENT AND MACHINERIES OF VARIOUS COCONUT PROCESSING CENTERS. Delivery of the GOODS is required within Ninety (90) calendar days for Lots <del>1-10</del> and One Hundred Twenty (120) calendar days for Lot 11 from receipt of the Notice to Proceed. Bidders should have completed within ten (10) years from the date of submission and receipt of bids a contract similar to the project. For this purpose, a similar contract shall refer to any contract for the Supply or Fabrication of Dryers or other Agricultural Machinery and Equipment.		2. The PHilMech now invites bids from eligible bidders for the SUPPLY OF LABOR AND MATERIALS FOR THE DESIGN, FABRICATION, DELIVERY AND ON-SITE INSTALLATION, TESTING AND COMMISSIONING OF EQUIPMENT AND MACHINERIES OF VARIOUS COCONUT PROCESSING CENTERS. Delivery of the GOODS is required within Ninety (90) calendar days for Lots <b>1 and 3</b> , One Hundred Twenty (120) calendar days for Lots <b>2 and 11 and One Hundred Fifty calendar days for Lots 4-10</b> from receipt of the Notice to Proceed. Bidders should have completed within ten (10) years from the date of submission and receipt of bids a contract similar to the project. For this purpose, a similar contract shall refer to any contract for the Supply or Fabrication of Dryers or other Agricultural Machinery and Equipment.	
Schedule of Requirements	Item Number (LOT No.)	Delivered, Weeks/Months	Item Number (LOT No.)	Delivered, Weeks/Months
	1	90CD	1	90CD
	2	90CD	2	<b>120CD</b>
	3	90CD	3	90CD
	4	90CD	4	<b>150CD</b>
	5	90CD	5	<b>150CD</b>
	6	90CD	6	<b>150CD</b>
	7	90CD	7	<b>150CD</b>
	8	90CD	8	<b>150CD</b>
	9	90CD	9	<b>150CD</b>
	10	90CD	10	<b>150CD</b>
	11	120CD	11	120CD

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2. Issue / Proposal: Request that the delivery period for Lots 4-10 be 180 calendar days instead of 90 days since these projects have both the white copra and oil mill/refinery components and will take much longer to implement than for Lot 2.		
Action Taken/Reply: <b>Request/proposal is partially granted. Delivery period is amended to 150 calendar days.</b>		
Amendment: (Please refer to the amendments above)		
3. Issue / Proposal: For Coconut water processing center. Request that the voltage requirement for the cooling tank be single phase instead of 3phase since the power requirement is 2.6kW.		
Action Taken/Reply: <b>Technical specification is amended.</b>		
Amendment:		
	FROM	TO
Technical Specification (For Lot 1)	- 1 unit Transformer, Pole type, 75KVA, Single Phase, Cu-Cu Winding	- 3 units Transformer, Pole type, 25KVA, Single Phase, Cu-Cu Winding
4. Issue / Proposal: Request that the user's manual for the coconut water processing center be submitted during post qualification evaluation or delivery.		
Action Taken/Reply: <b>Request/proposal is granted. Technical specification is amended.</b>		
Amendment:		
	FROM	TO
Technical Specification (For Lot 1)	- For imported equipment, user's manual in English to be submitted during the opening of bids	-For imported equipment, user's manual in English to be submitted <b>during delivery</b>
5. Issue / Proposal: Request that the engine requirement for the White Copra and Vinegar Processing Center be manufacturer standard and need not be at least 35 years in the market.		
Amendment: <b>Technical specification is retained</b>		
6. Issue / Proposal: Request for a sample picture of the flatbed dryer.		
Action Taken/Reply: <b>No available image, pls. refer to the technical specification of flatbed dryer</b>		
7. Issue / Proposal: For White Copra-Cooking Oil Processing Center. Request for the power (hp or kW) requirement of the oil refining machine's accessories.		
Action Taken/Reply:		
Amendment:		
	FROM	TO
Technical Specifications (For Lots 4-10)	17) 1 unit Oil refining machine - capacity:1000kg per day minimum - Tank diameter:700mm - Size: 4500mm x 1500mm x 2500mm - Total Power : 49.3kW, minimum - Tank : 4 tanks - Voltage : 220V, 60Hz, 3phase  With the following accessories: 17.1 Frame oil filter	17) 1 unit Oil refining machine - capacity:1000kg per day minimum - Tank diameter:700mm - Size: 4500mm x 1500mm x 2500mm - Total Power : 49.3kW, minimum - Tank : 4 tanks <b>9.55*3):28.65kW (9*1):9kW Pump: 2.2kW</b> - Voltage : 220V, 60Hz, 3phase

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	<ul style="list-style-type: none"> <li>- Capacity : 200-400kg /hr</li> <li>- Power : 1.5kW</li> <li>- Frame filter : 8pcs</li> <li>- Size : 1000mm x 800mm x 1100mm</li> <li>- Weight : 200kg</li> </ul> <p>17.2 Stream generator *for oil refining machine</p> <p>17.3 Controller *for oil refining machine</p> <p>17.4 Pipe *for tank connecting</p> <p>17.5 Bleach earth *25 kg per bag</p>	<p>With the following accessories:</p> <p>17.1 Frame oil filter</p> <ul style="list-style-type: none"> <li>- Capacity : 200-400kg /hr</li> <li>- Power : 1.5kW, <b>minimum</b></li> <li>- Frame filter : 8pcs</li> <li>- Size : 1000mm x 800mm x 1100mm</li> <li>- Weight : 200kg</li> </ul> <p>17.2 Stream generator: <b>8kW</b> *for oil refining machine</p> <p>17.3 Controller *for oil refining machine</p> <p>17.4 Pipe *for tank connecting</p> <p>17.5 Bleach earth *25 kg per bag</p>						
<p>8. Issue / Proposal: For White Copra-Cooking Oil Processing Center. Request clarification as to why the requirement for the transformer is single phase but the electric motor requirement is 3-phase.</p> <p>Action Taken/Reply: <b>There were 3 sets of 50KVA Single Phase transformer which will be converted to 3phase requirement</b></p>								
<p>9. Issue / Proposal: For White Copra-Cooking Oil Processing Center. Request to indicate the kW requirement for the Receiving Cylindrical tank.</p> <p>Action Taken/Reply: <b>Technical specification is retained</b></p>								
<p>10. Issue / Proposal: For White Copra-Cooking Oil Processing Center. Request clarification if they will be following the 1600L minimum specification of the coconut oil tank since if the 1.6m height and 1m diameter specifications are converted, it will equal only 1250L.</p> <p>Action Taken/Reply: <b>Technical specification is amended</b></p> <p>Amendment:</p> <table border="1"> <thead> <tr> <th></th> <th>FROM</th> <th>TO</th> </tr> </thead> <tbody> <tr> <td>Technical Specification (For Lots 4-10)</td> <td>           16) 2 units Coconut oil tank            -1.6m height and 1m diameter            -Made of stainless steel 304 material            -<del>1600L</del> minimum            -pump: 1hp, 220V, 3phase, 60Hz         </td> <td>           16) 2 units Coconut oil tank            -1.6m height and 1m diameter            -Made of stainless steel 304 material            -<b>1200L</b> minimum            -pump: 1hp, 220V, 3phase, 60Hz         </td> </tr> </tbody> </table>				FROM	TO	Technical Specification (For Lots 4-10)	16) 2 units Coconut oil tank -1.6m height and 1m diameter -Made of stainless steel 304 material - <del>1600L</del> minimum -pump: 1hp, 220V, 3phase, 60Hz	16) 2 units Coconut oil tank -1.6m height and 1m diameter -Made of stainless steel 304 material - <b>1200L</b> minimum -pump: 1hp, 220V, 3phase, 60Hz
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<p>11. Issue / Proposal: Inquiry if the sites where the processing centers will be built are ready.</p>								

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Action Taken/Reply: **According to DPWH, preparation of documents for the construction of building for the first batch is on going**

12. Issue / Proposal: Suggestion on the inclusion of a bobbin winder or spooler in the requirement of the Geo Net Processing Facility.

Action Taken/Reply: **Request/proposal is granted. Technical specification is amended.**

Amendment:

	FROM	TO
Technical Specification (For Lot 11)	1) 1 unit Coir Yarn Spinning Machine <ul style="list-style-type: none"> <li>- Final Product: 2 Ply Rope</li> <li>- Capacity: 8kg/hr, minimum</li> <li>- Power: 1.5 hp minimum, 220 V, 3 phase</li> <li>- Type of feeding: Manual</li> <li>- Material: All frames are made up of metals</li> </ul>	1) 1 unit Coir Yarn Spinning Machine <ul style="list-style-type: none"> <li>- Final Product: 2 Ply Rope</li> <li>- Capacity: 8kg/hr, minimum</li> <li>- Power: 1.5 hp minimum, 220 V, 3 phase</li> <li>- Type of feeding: Manual</li> <li>- Material: All frames are made up of metals</li> <li>- <b>Accessories: bobbin winder/ spooler</b></li> </ul>

13. Issue / Proposal: Inquiry on how many contracts are allowed for the SLCC.

Action Taken/Reply: **Aggregate contracts for the SLCC are allowed. There is no ceiling on the number of contracts to be submitted, provided that one of the contracts is equal to at least 25% of the ABC of the lot being bid on, and the aggregate amount of the contracts should be equivalent to at least fifty percent (50%) of the ABC of the lot being bid on.**



**B. OTHER AMENDMENTS**

	<b>From</b>	<b>To</b>
<p>Supply of Labor and Materials for the Design, Fabrication, Delivery, Installation, Testing and Commissioning of Equipment and Machineries On-Site of <b>White Copra and Vinegar Processing Center in Poblacion, Pamplona, Negros Oriental</b></p>	<p><b>Lot 2:</b></p> <p><b>2. Flat Bed Dryer</b></p> <p>Technical Specifications:</p> <ul style="list-style-type: none"> <li>- Holding capacity: 5 tons (10,000split nuts)</li> </ul> <p>Construction:</p> <p>Drying Bin</p> <ul style="list-style-type: none"> <li>- Manufacturer standard; provided that the dryer could accommodate the 10,000 split nuts</li> <li>- Side walls: Stainless Steel sheet 304</li> <li>- Bed flooring: Stainless Steel 304 perforated sheet floor having 9-10 mm minimum diameter perforation; and 1.2 mm thickness</li> <li>- The perforated flooring must have a rigid support that could withstand the full load capacity of the Dryer</li> <li>- With serviceable cleaning bottom port</li> <li>- The entire flatbed unit is securely bolted and air tight.....</li> </ul> <p>Product Quality</p> <ul style="list-style-type: none"> <li>-Moisture content (Grade 1): 6-8%</li> <li><del>-Oil Recovery (%)</del></li> <li>-Color of meat: clean, white to pale yellow</li> <li>-Aflatoxin level (ppb)</li> <li>-Other specifications: free from smoke and other contaminants</li> </ul>	<p><b>Lot 2:</b></p> <p><b>2. Flat Bed Dryer</b></p> <p>Technical Specifications:</p> <ul style="list-style-type: none"> <li>- Holding capacity: 5 tons (10,000split nuts)</li> </ul> <p>Construction:</p> <p>Drying Bin</p> <ul style="list-style-type: none"> <li>- Manufacturer standard; provided that the dryer could accommodate the 10,000 split nuts</li> <li>- Side walls: Stainless Steel sheet 304</li> <li>- Bed flooring: Stainless Steel 304 perforated sheet floor having <b>3-5</b> mm minimum diameter perforation; and 1.2 mm thickness</li> <li>- The perforated flooring must have a rigid support that could withstand the full load capacity of the Dryer</li> <li>- With serviceable cleaning bottom port</li> <li>- The entire flatbed unit is securely bolted and air tight.....</li> </ul> <p>Product Quality</p> <ul style="list-style-type: none"> <li>-Moisture content (Grade 1): 6-8%</li> <li>-Color of meat: clean, white to pale yellow</li> <li>-Aflatoxin level (ppb)</li> <li>-Other specifications: free from smoke and other contaminants</li> </ul>

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	<i>From</i>	<i>To</i>
SUPPLY OF LABOR AND MATERIALS FOR THE DESIGN, FABRICATION, DELIVERY, AND ON-SITE INSTALLATION, TESTING AND COMMISSIONING OF EQUIPMENT AND MACHINERIES FOR <b>COCONUT WATER PROCESSING CENTER IN LIBAS, JABONGA, AGUSAN DEL NORTE</b>	<b>Lot 1:</b>  <b>Item 4) 8 lots Coconut Cage</b> <ul style="list-style-type: none"> <li>- capacity: 200nuts, minimum</li> <li>- made of Stainless Steel 304</li> <li>- size of cage: (W x L x H : 1m x 1 m x 1.5 m)</li> <li>- with 4 heavy duty caster wheels , 6 inches diameter (2 swivel with dual locking and 2 swivel without locking)</li> </ul>	<b>Lot 1:</b>  <b>Item 4) 8 lots Coconut Cage</b> <ul style="list-style-type: none"> <li>- capacity: 200nuts, minimum</li> <li>- made of Stainless Steel 304</li> <li>- <b>preferable</b> size of cage: (W x L x H : 1m x 1 m x 1.5 m)</li> <li>- with 4 heavy duty caster wheels , 6 inches diameter (2 swivel with dual locking and 2 swivel without locking)</li> </ul>
	<i>From</i>	<i>To</i>
	6) 1 lot Pasteurizer <ul style="list-style-type: none"> <li>- capacity: 300L</li> <li>- material: stainless steel 304</li> <li>- Plate thickness: 2mm</li> <li>- Tank Diameter: 800mm</li> <li>- Tank height: 600mm</li> <li>- <b>Dimension: 1200mm x 1000mm x 1650mm</b></li> <li>- Power: 24kW</li> <li>- Voltage: 220V, 60 Hz</li> <li>- Stirring speed: 36 rpm</li> <li>- Temperature: 85-900C, adjustable</li> <li>- Stirring motor power: 0.37kW</li> <li>- Heating cycle: 25-35 minutes</li> <li>• With CIP spray ball</li> </ul>	6) 1 lot Pasteurizer <ul style="list-style-type: none"> <li>- capacity: 300L</li> <li>- material: stainless steel 304</li> <li>- Plate thickness: 2mm</li> <li>- Tank Diameter: 800mm</li> <li>- Tank height: 600mm</li> <li>- Power: 24kW</li> <li>- Voltage: 220V, 60 Hz</li> <li>- Stirring speed: 36 rpm</li> <li>- Temperature: 85-900C, adjustable</li> <li>- Stirring motor power: 0.37kW</li> <li>- Heating cycle: 25-35 minutes</li> <li>• With CIP spray ball</li> <li>• <b>Dimension: 1200mm x 1000mm x 1650mm</b></li> </ul>
	<i>From</i>	<i>To</i>
	Lot 2-10  6) 6 units Hauling Cart <ul style="list-style-type: none"> <li>- Hauling Capacity: 80nuts minimum</li> <li>- No. of wheels: 4 heavy duty caster wheels 4 inch diameter (2 swivel with dual locking and 2 swivel without locking)</li> <li>- Materials: stainless steel frames</li> </ul>	Lot 2-10  6) 6 units Hauling Cart <ul style="list-style-type: none"> <li>- Hauling Capacity: 80nuts minimum</li> <li>- No. of wheels: 4 heavy duty caster wheels 4 inch diameter (2 swivel with dual locking and 2 swivel without locking)</li> <li>- Materials: stainless steel frames</li> </ul>

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Republic of the Philippines  
 Department of Agriculture  
**Philippine Center for Postharvest Development and Mechanization**  
 Science City of Muñoz, Nueva Ecija  
[www.philmech.gov.ph](http://www.philmech.gov.ph)  
 ISO 9001:2015, ISO 14001:2015, ISO 45001:2018 CERTIFIED



	- Dimension: 100cm x 70cm x 80cm	- <b>Preferable</b> Dimension: 100cm x 70cm x 80cm
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Issued this 18<sup>th</sup> day of March 2024 in the Science City of Muñoz, Nueva Ecija, Philippines.

Reviewed and approved by:

**NELSON C. SANTIAGO, Ph.D.**  
 Chairperson, Bids and Awards Committee

**RAYMUND JOSEPH P. MACARANAS**  
 Vice Chairperson

**JERRY F. AVELLANOZA**  
 Regular Member

**DONALD V. MATEO**  
 Technical Member

**ANDRES M. TUATES JR., Ph.D.**  
 End-User/Provisional Member

CONFORMED:	_____
Bidders Name:	_____
Date Received:	_____

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