

## TERMS OF REFERENCE

<b>A. PROJECT NAME</b>	SUPPLY OF 6 UNITS OF ENERGY EFFICIENT REFRIGERATED CONTAINER VANS (RCVs)
<b>B. IMPLEMENTING AGENCY</b>	FOOD TERMINAL INCORPORATED
<b>C. LOCATION</b>	FTI Cold Storage Facility at the former PSI Building, FTI-SEZ, Taguig City
<b>D. PROJECT DESCRIPTION</b>	The project is for the supply of 6 units of 40-footer energy efficient container vans ( <i>similar to the 5 units currently installed at the facility</i> ) essential in the food supply chain, given the variability, perishability, and seasonality of food products and the fact that our warm and humid tropical climate adds stress and accelerates the decay of commodities.
<b>E. OBJECTIVES</b>	<ol style="list-style-type: none"><li>1. To provide mobile/movable cold storage to prevent food losses due to heat which accelerates the decay of commodities.</li><li>2. To preserve the quality of the goods that our processed in the KADIWA facility.</li><li>3. To provide energy efficient mobile refrigerated container vans to select Local Government Units (LGUs) to support the nation's food security program.</li></ol>
<b>F. PROJECT DURATION</b>	FORTY-FIVE (45) Calendar days from NOTICE TO PROCEED
<b>G. APPROVED BUDGET FOR THE CONTRACT (ABC)</b>	<b>P 22,500,000.00</b> inclusive of applicable taxes, fees, charges, and other related expenses for the supply, delivery and installation of 6 units of RCVs at project site
<b>H. TERMS OF PAYMENT</b>	<ul style="list-style-type: none"><li>• 30% Mobilization Fee</li><li>• Final Billing after full delivery</li></ul>
<b>F. SCOPE OF WORK</b>	<ol style="list-style-type: none"><li>1. Supply, delivery to the project site (including off-loading at the Port of Manila) and installation of 6 units of 40-footer energy efficient container vans.</li><li>2. Project Duration includes production, delivery and installation.</li><li>3. Delivery. Delivery should be made from port of origin until the Port of Destination at the Port of Manila to include the cost of freight and insurance.</li><li>4. Warranty. The energy efficient refrigerated container vans shall carry a one (1) year warranty on parts and services commencing on the date of commissioning against factory defects under normal operating conditions.</li><li>5. FTI shall have the right to reject and return the unit and cancel the corresponding Contract if goods delivered are defective, incomplete or non-compliant to the specifications specified herein.</li><li>6. After Sales Service and Support during warranty period, all reported defects shall be completely/satisfactorily repaired/replaced by the winning bidder/supplier after</li></ol>


	<p>receipt of a verbal and/or written notice from the procuring entity.</p> <p>7. The forty footer energy efficient container van technology should be AMTECH certified.</p>
<b>I. OTHER SPECIFICATIONS</b>	

<b>Specifications</b>	
<b>Agricultural Cold Storage</b>	
<b>Type</b>	Refrigerated, container type
<b>Dimensions</b>	
Overall Length, m	12.2
<b>Rated Temperature Range (Manufacturer's Spec.)</b>	
Lowest, °C	-25
<b>Container</b>	
Rated Gross weight, kg (maximum)	34,000
<b>Refrigeration Components</b>	
<b>Evaporator</b>	
Type	Finned Tubes (star fins)
Number of rows	8
<b>Compressor</b>	
Type	Scroll Type
<b>Rated Input Power (Manufacturer's Spec.)</b>	
Rated Power, kW	2.24
Rated Voltage, V	220
Rated Current, A	35
Electrical Phase	Single
<b>Condenser</b>	
Type	Air-cooled
<b>Expansion Device</b>	
Type	Thermostatic
<b>Refrigerant</b>	
Type	R404A
<b>System Performance</b>	
<b>Power Consumption</b>	
No Load Input Power, kW (maximum)	6
<b>Evaluation</b>	
	Must be AMTEC Tested
<b>Distributor's Accreditation</b>	
	Distributor must have National Agricultural and Fisheries Machinery Assemblers, Manufacturers, Importers, Distributors and Dealers Accreditation and Classification (NAMDAC) Certificate of Accreditation (CoA)

RECOMMENDING APPROVAL

  
**JOHN GABRIEL B.C. TRINIDAD III**  
 BAC Chairman

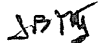

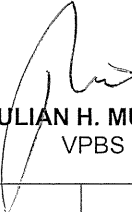

  
**JULIAN H. MUSICO**  
 VP for Business Support

  
**ARIEL P. BUENAVENTURA**  
 President



JOB ORDER

DATE	DAY	MO.	YR.
	22	May	2020

ITEM/DESCRIPTION	QTY.	UNIT	SERIAL NO.	PROPERTY NUMBER
<b>SUPPLY OF SIX (6) UNITS OF ENERGY EFFICIENT REFRIGERATED CONTAINER VANS (RCVs)</b>				
NATURE OF WORK TO BE DONE:  See Approved TOR				
BUDGET SOURCE: Budget to be taken from Approved CAPEX for CY 2020 (6 Units)  Estimated cost : P 22,500,000.00 (inclusive of applicable taxes, fees, charges, and other related expenses for the supply, delivery and installation of 6 units of RCVs at project site.)				
PRE-INSPECTED BY:  JUANITA G. LUALHATI INTERNAL AUDITOR  DATE:	REMARKS:			
POST INSPECTED BY:  JUANITA G. LUALHATI INTERNAL AUDITOR  DATE:	RECOMMENDING APPROVAL:   JOHN GABRIEL BENEDICT C. TRINIDAD III VPO			
REQUESTED BY:   HERMENEGILDO P. VILLARUEL, JR. Officer, EEMU	RECOMMENDING APPROVAL:   JULIAN H. MUSICO VPBS	APPROVED:   ARIEL P. BUENAVENTURA President and CEO		
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