



**SUPPLEMENTAL/BID BULLETIN**

**BID BULLETIN NO. 01**  
 29 September 2020

Name of Project: **Modernization and Upgrading of Training Equipment of the National TVET Trainers Academy**

Approved Budget for the Contract: **₱23,991,774.93**

During the pre-bid conference held on 24 September 2020 and pursuant to Section 22.5 of the 2016 Revised Implementing Rules and Regulations of Republic Act No. 9184, the following items in the Bidding Documents and the queries or request for clarification of the prospective bidders are hereby clarified:

**1. BIDDING DOCUMENTS**

ORIGINAL	AMENDED
Clause 5.4 under Bid Data Sheet (BDS) of the Bidding Documents  Lot 3 - Any contract for the supply and/or <u>installation of machining equipment, precision engineering equipment and/or training equipment in CNC technology.</u>	Lot 3 - Any contract for the supply and/or <u>installation of building electrical systems, industrial electrical controls and/or electrical training equipment.</u>
GCC Clause 1.1(k) under Special Conditions of Contract (SCC) of the Bidding Documents  The Project site is at:  <b>Technical Education and Skills Development Authority            East Service Road, South Luzon Expressway (SLEX)            Fort Bonifacio, Taguig City 1630</b>	The Project site is at:  <b>National TVET Trainers Academy            J. Chanyungco St., Sta. Elena            Marikina City</b>

## 2. QUERIES FROM THE PROSPECTIVE BIDDERS

### a. ACMI Office Systems Philippines Inc.

<b>QUERY # 1</b>	<p>As we plan to join the bidding but only on specific lots, may we ask if the</p> <ol style="list-style-type: none"> <li>Bid Securing Declaration for the Bid Security,</li> <li>Omnibus Sworn Statement,</li> <li>and Authority of the Signatory</li> </ol> <p>can we use only one form of the above which includes the lots we will joining or we need to do one of each of the above documents for each lot we will be joining?</p>
<b>RESPONSE</b>	<p>The bidder can submit one (1) set of eligibility documents containing the Bid Securing Declaration, Omnibus Sworn Statement and Authority of the Signatory (together with other eligibility requirements) which should be in accordance with the prescribed form and must clearly show that the said documents are submitted for the specific lots which the bidder intends to participate with.</p>

### QUERY # 2 - Technical Specifications

ITEM	REQUIREMENT	QUERY	RESPONSE
Lot 1 - Solar PV Installation Learning System	1. Electrical power supply bench with circuit breakers and differential protection.	Detail of Bench and Closure	<p>No specific requirement, as long as the bench would carry the weight of its load of all components required, but not limited to the following: inverter, panel box, battery and its case, control/switching devices and, watt meter, protection devices with enclosures and other balance of system.</p> <p>All enclosures should be NEMA compliant.</p>
	<p>2. Zone of instrumentation comprising:</p> <ol style="list-style-type: none"> <li>230VAC network analyzer for the input of inverter</li> <li>indicator of power of solar radiation</li> </ol>	<p>Zone of instrumentation comprising</p> <ol style="list-style-type: none"> <li>230VAC analyzer for input or output of inverter</li> <li>Is this referring to irradiation meter?</li> </ol>	<ol style="list-style-type: none"> <li>230VAC network analyzer for the INPUT of the inverter</li> <li>Yes. The phrase "indicator of power of solar radiation"</li> </ol>

ITEM	REQUIREMENT	QUERY	RESPONSE
	c. measurement sockets of electric charges	c. Do you need voltmeter in this?	may include Irradiation meter with up to 1000W/m <sup>2</sup> c. No, the voltmeter is not needed. The requirement refers to the socket/terminal where electrical charges can be measured.
	3. measurement wire of electric currents	For both AC/DC?	Yes, this can be both for AC/DC. Further, there should be wire(s) that are exposed in the training equipment, where the current can be measured.
	4. Charging regulator	How many amperes?	MPPT 12/24VDC, 20 – 40 amps amperes
	5. Inverter 24 VDC-230VAC	How many watts?	Pure sine wave, 300 watts or higher with 210 – 240 VAC, 60Hz output
	6. Battery with protective tray	What the specs of the battery?	2 pcs. x 12 VDC or 1 x 24 VDC, 50 AH deep cycle battery (AGM)
	7. 230 VAC dissipation elements (2 lamps and a fan)	How many watts for the lamps and fan?	5 watts or higher as long as the total power rating of all dissipation elements will not exceed 80 watts.
	8. 24 VDC dissipation elements (2 lamps and a fan)	How many watts for the lamps and fans?	5 watts or higher as long as the total power rating of all dissipation elements will not exceed 80 watts.
	9. battery back-up charger	For charging 24VDC? How many amperes?	The specifications are as follows, Input: 220VAC, output: 24VDC charging voltage, 10 amps – 20 amps.
	10. Measuring probe of solar radiation	Do they mean measure of solar panel?	No. It is not the measure of solar panel but the measuring probe is an accessory of solar irradiation meter.



ITEM	REQUIREMENT	QUERY	RESPONSE
	11.80-watts Photovoltaic solar panels with mounting and aluminum support frame and caster wheels	Do you have specific design of support frame and caster wheel?	No specific design.  As long as it will: 1.) carry the weight/load of the solar panels; 2.) with caster wheels for mobility; 3.) will allow maximum panel exposure to the sun; and 4) with detachable halogen lamps (220VAC, 150 – 300 watts x 4) which will be the artificial source of energy.
	13. Security cordons for connecting of the elements	Do you mean Caution Tape on this?	Yes, this is similar to a caution tape but the materials are made of fabric/nylon. This will prevent unauthorize access to the installation area.

#### QUERY # 3 - Technical Specifications

ITEM	REQUIREMENT	QUERY	RESPONSE
Lot 5 - Audio Visual Equipment	Indoor LED Video Wall • Total Display Size (inches) 103	• How will this be measured? Can it be slightly bigger?	The display size should be 103-110 inches measured diagonally.
	• Laptop, Video Processors, Flightbox	• Any minimum specifications required?	15" Laptop with the following specifications: i7 10 <sup>th</sup> generation or higher, 16GB RAM, 500GB SSD or higher, Windows 10 and Microsoft Office Professional 2019 with perpetual license.  Video Processor and Flightbox is included in the LED Wall package.

#### QUERY # 4 - Technical Specifications

ITEM	REQUIREMENT	QUERY	RESPONSE
Lot 6 - Air	• 1.5HP Window Type Inverter Aircon	• Pertains to single brand due to Dual	After due consideration and coordination with the End-user and TWG, the BAC decided to amend the requirement, as follows:

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Conditioner	<ul style="list-style-type: none"> <li>Airconditioning Unit, 3 tons</li> </ul>	<p>Inverter and Wifi connection</p> <ul style="list-style-type: none"> <li>Pertains to Single Brand, due to indoor air flow is at 2060 cubic meters per hour, which is a specification for a STR unit due to its high capacity or airflow. Also, the dual inverter</li> </ul> <p>We would like to request clarification and for possible omission of the dual inverter and Wifi capability, and revisiting of the required specifications for the indoor air flow, for</p>	<table border="1" data-bbox="756 203 1358 875"> <thead> <tr> <th data-bbox="756 203 1038 237">ORIGINAL</th> <th data-bbox="1038 203 1358 237">AMENDED</th> </tr> </thead> <tbody> <tr> <td data-bbox="756 237 1038 875"> <ul style="list-style-type: none"> <li>1.5HP Dual Inverter</li> <li>Refrigerant:R32</li> <li>220VAC, 60Hz</li> <li>Supports Wi-Fi connection for monitoring and control</li> <li>Accessories:               <ul style="list-style-type: none"> <li>Remote control</li> <li>Installation bracket</li> </ul> </li> <li>Includes Installation and commissioning</li> <li>Power source installation not included</li> </ul> </td> <td data-bbox="1038 237 1358 875"> <ul style="list-style-type: none"> <li>1.5HP Inverter Type</li> <li>220VAC, 60Hz</li> <li>Supports Wi-Fi connection for monitoring and control</li> <li>Accessories:               <ul style="list-style-type: none"> <li>Remote control</li> <li>Installation bracket</li> </ul> </li> <li>Includes Installation and commissioning</li> <li>Power source installation not included</li> </ul> </td> </tr> </tbody> </table> <p>After due consideration and coordination with the End-user and TWG, the BAC decided to amend the requirement, as follows:</p> <table border="1" data-bbox="756 1055 1347 1832"> <thead> <tr> <th data-bbox="756 1055 1027 1088">ORIGINAL</th> <th data-bbox="1027 1055 1347 1088">AMENDED</th> </tr> </thead> <tbody> <tr> <td data-bbox="756 1088 1027 1832"> <ul style="list-style-type: none"> <li>3 tonner</li> <li>Split Type (Floor Mounted)</li> <li>Dual Inverter</li> <li>Indoor Noise Level (Lo): 51 dB(A)-lower is better</li> <li>Indoor Air Flow (Hi): 2060 m3/h-higher is better</li> <li>Power Supply: 220-240 volts/ 60 Hz 1 phase</li> <li>with remote control</li> <li>R32 or R410a refrigerant</li> <li>Includes supply, delivery,</li> </ul> </td> <td data-bbox="1027 1088 1347 1832"> <ul style="list-style-type: none"> <li>3 tonner</li> <li>Split Type (Floor Mounted)</li> <li>Dual Inverter/ <u>Twin Inverter/ Dual Inverter Rotary Compressor</u></li> <li>Indoor Noise Level (Lo): 51 dB(A)-lower is better</li> <li>Power Supply: 220-240 volts/ 60 Hz 1 phase</li> <li>with remote control</li> <li>Includes supply, delivery, installation and commissioning</li> <li>Power source installation not included</li> </ul> </td> </tr> </tbody> </table>		ORIGINAL	AMENDED	<ul style="list-style-type: none"> <li>1.5HP Dual Inverter</li> <li>Refrigerant:R32</li> <li>220VAC, 60Hz</li> <li>Supports Wi-Fi connection for monitoring and control</li> <li>Accessories:               <ul style="list-style-type: none"> <li>Remote control</li> <li>Installation bracket</li> </ul> </li> <li>Includes Installation and commissioning</li> <li>Power source installation not included</li> </ul>	<ul style="list-style-type: none"> <li>1.5HP Inverter Type</li> <li>220VAC, 60Hz</li> <li>Supports Wi-Fi connection for monitoring and control</li> <li>Accessories:               <ul style="list-style-type: none"> <li>Remote control</li> <li>Installation bracket</li> </ul> </li> <li>Includes Installation and commissioning</li> <li>Power source installation not included</li> </ul>	ORIGINAL	AMENDED	<ul style="list-style-type: none"> <li>3 tonner</li> <li>Split Type (Floor Mounted)</li> <li>Dual Inverter</li> <li>Indoor Noise Level (Lo): 51 dB(A)-lower is better</li> <li>Indoor Air Flow (Hi): 2060 m3/h-higher is better</li> <li>Power Supply: 220-240 volts/ 60 Hz 1 phase</li> <li>with remote control</li> <li>R32 or R410a refrigerant</li> <li>Includes supply, delivery,</li> </ul>	<ul style="list-style-type: none"> <li>3 tonner</li> <li>Split Type (Floor Mounted)</li> <li>Dual Inverter/ <u>Twin Inverter/ Dual Inverter Rotary Compressor</u></li> <li>Indoor Noise Level (Lo): 51 dB(A)-lower is better</li> <li>Power Supply: 220-240 volts/ 60 Hz 1 phase</li> <li>with remote control</li> <li>Includes supply, delivery, installation and commissioning</li> <li>Power source installation not included</li> </ul>
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		more brands to be able to enter this bidding.	installation and commissioning <ul style="list-style-type: none"> <li>• Power source installation not included</li> </ul>

b. Humil International Corporation

<b>QUERY # 1</b>	Regarding payment of bid docs for Modernization and Upgrading of Training Equipment of the National TVET Trainers Academy (Lot 2) can we pay it through bank online? either LBP or DBP account.
<b>RESPONSE</b>	<p>An online payment is not available yet in TESDA. Thus, the agency has internal procedures that the prospective bidders need to follow.</p> <p>The payment for bidding documents for Modernization and Upgrading of Training Equipment of the National TVET Trainers Academy (Lot 2) should be done at TESDA Main Office, 3/F Cash Unit-GSD/AS, TESDA Administration Building, East Service Road, South Luzon Expressway (SLEX), Fort Bonifacio, Taguig City 1630 during office hours, Mondays to Fridays from 8:00AM to 5:00PM.</p>

For the information and guidance of all concerned.

  
**DIR. DAVID B. BUNGALLON**  
 Vice-Chairperson  
 Bids and Awards Committee

