



Republic of the Philippines  
**BULACAN STATE UNIVERSITY**  
City of Malolos  
(044) 896-1790

## **BIDS AND AWARDS COMMITTEE FOR GOODS, SUPPLIES, AND SERVICES**

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September 23, 2022

### **Bid Bulletin No. 1 Modifications in the Invitation to Bid, Bid Data Sheet, Schedule of Requirements and Technical Specifications**

This Bid Bulletin no. 1 is issued to modify or amend items in the Bidding Documents for project: **“Procurement of Electrical and Electronic Components Microcontroller”** with reference no. **GOODS-2022-21**. This shall form an integral part of the said Bidding Documents.

#### **I. Section I- Invitation to Bid**

|          | <b>FROM</b>   | <b>TO</b>   |
|----------|---|---|
| <b>4</b> | <b>Deadline for Submission of Bids</b><br>October 4, 2022 (Tuesday), 8:30 AM<br><br>Procurement Office/ Front of Valencia Hall,<br>BulSU Main Campus, Malolos City, Bulacan | <b>Deadline for Submission of Bids</b><br>October 4, 2022 (Tuesday), 8:30 AM<br><br><b><u>Audio Visual Room (AVR), 3<sup>rd</sup> Floor, College of Industrial Technology (CIT) Building, Near Gate1, BulSU, Main Campus, Malolos City, Bulacan</u></b> |
| <b>5</b> | Opening of Bids<br>October 4, 2022 (Tuesday), 9:00 AM<br><br>Front of Valencia Hall, BulSU Main Campus,<br>Malolos City, Bulacan  | Opening of Bids<br>October 4, 2022 (Tuesday), 9:00 AM<br><br><b><u>Audio Visual Room (AVR), 3<sup>rd</sup> Floor, College of Industrial Technology (CIT) Building, Near Gate1, BulSU, Main Campus, Malolos City, Bulacan</u></b>                        |

#### **II. Section III. Bid Data Sheet**


|             | <b>FROM</b>   | <b>TO</b>  |
|-------------|---|--|
| <b>21.2</b> | <b>Compliance:</b><br><br>1. Preferably with Brochure / catalogue of the item being offered<br>2. Preferably with Manufacturer's Authorization Form or Certificate as Authorized Distributor/Reseller or Certificate of Registration as Manufacturer/Fabricator | <b>Compliance:</b><br><br>1. Preferably with Brochure / catalogue or <b><u>sample pictures of the item being offered</u></b><br>2. Preferably with Manufacturer's Authorization Form or Certificate as Authorized Distributor/Reseller or Certificate of Registration as Manufacturer/Fabricator |




|  |   |   |
|--|---|---|
|  | 3. Preferably with Warranty Certificate from Manufacturer and/or Supplier/Authorized Reseller | <b>3. <u>Warranty Certificate from bidders stating that items are in good condition</u></b> |
|--|---|---|


**III. Section VI. Schedule of Requirements**

|  | FROM  | TO  |
|--|---|---|
|  | ELECTRICAL & ELECTRONIC COMPONENTS - MICROCONTROLLERS<br><br>Delivery Period:<br><br>Thirty (30) Calendar Days upon receipt of Notice to Proceed. | ELECTRICAL & ELECTRONIC COMPONENTS - MICROCONTROLLERS<br><br>Delivery Period:<br><br><b><u>Ninety (90) Calendar Days</u></b> upon receipt of Notice to Proceed. |

**IV. Section VII. Technical Specifications**

|           | FROM                        | TO   |
|-----------|-----------------------------|--|
| <b>6</b>  | CMUcam5 Image sensor        | Image Sensor (programmable with machine vision)<br><br>Processor: 204 MHz, dual core<br><br>Image sensor: Aptina MT9M114, 1296x976 resolution with integrated image flow processor<br><br>Lens field-of-view: 60 degrees horizontal, 40 degrees vertical<br><br>Power input: USB input (5V) or unregulated input (6V to 10V)<br><br>RAM: 264K bytes<br><br>Flash: 2M bytes<br><br>Available data outputs: UART serial, SPI, I <sup>2</sup> C, USB, digital, analog |
| <b>44</b> | SRNE MPPT charge controller | MPPT Solar Charger Controller<br>40A 12V/24V<br>Sample picture:<br><br>  |

|                  |  |  |
|------------------|--|--|
| <p><b>45</b></p> | <p>Arduino uno</p>   | <p>Microcontroller Original Board<br/>         Operating Voltage: 5V<br/>         Input Voltage (Recommended) : 7-12V<br/>         Input Voltage (Limit): 6-20V<br/>         Clock Speed: 16 MHz<br/>         Sample picture:</p>    |
| <p><b>46</b></p> | <p>8G Raspberry Pi 4 Model B Kit with 3.5 inch TouchScreen Display</p> | <p>Mini computer with 4GB Ram Starter Kit<br/>         3.5-inch TouchScreen Display (Electronics)<br/>         1 x Raspberry Pi 4 1G/2G/4G/8G<br/>         1 x 3.5-inch Screen<br/>         1 x 9 Layer Case with Fan<br/>         1 x Heat Sink<br/>         Sample picture:</p>  |
| <p><b>47</b></p> | <p>Uno R3 Board ATMEGA328 with USB Cable</p>                           | <p>Microcontroller Original Board Mega<br/>         With USB Cable<br/>         Sample picture:</p>    |
| <p><b>51</b></p> | <p>UNO+WiFi R3 ATmega328P+ESP8266<br/>         32Mb USB-TTL CH340G</p> | <p>Microcontoller Original Board Mega<br/>         Wifi<br/>         32mb memory<br/>         6V / 9V</p>  |

|  |   | <p>Sample picture:</p>   |             |            |                |       |  |        |          |           |
|--|---|--|-------------|------------|----------------|-------|--|--------|----------|-----------|
| <p>Note: Price per unit is included in the Technical Specifications<br/>Ex. For Item no. 1</p> <table border="1" data-bbox="300 817 1401 922"> <thead> <tr> <th>Description</th> <th>Qty./ Unit</th> <th>Price Per Unit</th> <th>Total</th> </tr> </thead> <tbody> <tr> <td>Mini Computer with 4GB Ram Starter Kit</td> <td>10/pcs</td> <td>9,700.00</td> <td>97,000.00</td> </tr> </tbody> </table> |   |  | Description | Qty./ Unit | Price Per Unit | Total | Mini Computer with 4GB Ram Starter Kit | 10/pcs | 9,700.00 | 97,000.00 |
| Description  | Qty./ Unit  | Price Per Unit   | Total       |            |                |       |  |        |          |           |
| Mini Computer with 4GB Ram Starter Kit   | 10/pcs  | 9,700.00   | 97,000.00   |            |                |       |  |        |          |           |
|  | <p>Compliance:</p> <ol style="list-style-type: none"> <li>1. Preferably with Brochure / catalogue of the item being offered</li> <li>2. Preferably with Manufacturer's Authorization Form or Certificate as Authorized Distributor/Reseller or Certificate of Registration as Manufacturer/Fabricator</li> <li>3. Preferably with Warranty Certificate from Manufacturer and/or Supplier/Authorized Reseller</li> </ol> | <p>Compliance:</p> <ol style="list-style-type: none"> <li>1. Preferably with Brochure / catalogue or <b><u>sample pictures of the item being offered</u></b></li> <li>2. Preferably with Manufacturer's Authorization Form or Certificate as Authorized Distributor/Reseller or Certificate of Registration as Manufacturer/Fabricator</li> <li>3. <b><u>Warranty Certificate from bidders stating that items are in good condition</u></b></li> </ol> |             |            |                |       |  |        |          |           |

**Note:**

**1. Item, description, quantity and unit not mentioned above are without modifications and will remain as it is in the bidding documents**

**2. Modified/additional entries are underlined, bold and highlighted.**

This Supplemental/ Bid Bulletin no. 1 is issued this 23<sup>rd</sup> day of September, 2022 for guidance and information of all concerned.

  
**Dr. DOLLY P. MAROMA**  
 Chairperson, BAC for Goods, Supplies & Services

Received by the Bidder:

\_\_\_\_\_  
 Signature over printed name/ Company  
 Date and time: \_\_\_\_\_