



ASTI-FM 03-17
REV 2 / 31 January 2020

PURCHASE ORDER

Supplier:	Jassen Harris Industries Corporation	PO No.:	21-12-210
Address:	1063 Tomas Mapua St., Brgy. 329 Zone 33, Sta. Cruz, Manila	PO Date:	December 16, 2021
TIN:	009-248-102-000	Mode of Procurement:	NP: Small Value Procurement

Gentleman:

Please furnish this Office the following articles subject to the terms and conditions contained herein:

Place of Delivery:	ASTI Bldg., C.P. Garcia Ave., U.P. Technology Park Complex, U.P. Campus, Diliman, Quezon City 1101	Delivery Term:	On or before December 29, 2021
Date of Delivery:		Payment Term:	Government Terms
		Warranty Term:	

Stock / Property No.	Unit	Description	Quantity	Unit Cost	Amount
1	Unit	<p>ADC Module for VSWR monitoring</p> <p>1. GENERAL OVERVIEW</p> <p>1.1. The Advanced Science and Technology Institute (ASTI) is seeking qualified and competent bidders for the ADC Module for VSWR monitoring as part of RuralSync prototyping activities.</p> <p>1.2. The approved budget for the contract is inclusive of all applicable government taxes and services charges.</p> <p>1.3. The technical specifications written herein are of minimum requirement, otherwise stated.</p> <p>4 unit 660.00 2,640.00</p> <p>2. TECHNICAL SPECIFICATIONS</p> <p>2.1. The supplier must abide and meet the following specifications of the equipment/components:</p> <p>2.1.1. Supply Voltage (VCC): 3.3-5.0V</p> <p>2.1.2. Analog Channels: 4</p> <p>2.1.3. Analog Signal Detection Range: 0-VCC</p> <p>2.1.4. Resolution: 16-bit</p> <p>2.1.5. Communication: I2C</p> <p>2.1.6. Interface Level: 3.3V High, 0V Low</p> <p>3. WARRANTY</p> <p>3.1. At least one (1) year limited warranty for parts and services.</p> <p>3.2. Warranties shall not apply to any defect which arises from improper use, failure to follow the product instructions, or any repair or modification made without the consent of the supplier.</p> <p>4. PAYMENT AND DELIVERY TERMS</p> <p>4.1. Upon issuance of Notice to Proceed (NTP), the parts must be delivered on or before December 29, 2021.</p> <p>4.2. The price of the bid must be inclusive of government taxes and other fees.</p> <p>4.3. Payment upon full delivery.</p> <p>4.4. Certificate/Document must be submitted upon the request of the BAC Secretariat in aid of evaluation of quotations.</p> <p><i>(Please see attached quotation.)</i></p>	4	₱600.00	₱2,400.00

2	Unit	<p>Hot Air and Soldering Rework Station for PCB Boards</p> <p>1. GENERAL OVERVIEW</p> <p>1.1. The Advanced Science and Technology Institute (ASTI) is seeking qualified and competent bidders for the Hot Air and Soldering Rework Station for PCB Boards as part of RuralSync prototyping activities.</p> <p>1.2. The approved budget for the contract is inclusive of all applicable government taxes and services charges.</p> <p>1.3. The technical specifications written herein are of minimum requirement, otherwise stated.</p> <p>2. TECHNICAL SPECIFICATIONS</p> <p>2.1. The supplier must abide and meet the following specifications of the equipment/components:</p> <p>2.1.1. Hot Air Temperature range: 100-480 degC</p> <p>2.1.2. Hot air gun type: brushless fan</p> <p>2.1.3. air flow: 120L/min</p> <p>2.1.4. Soldering iron temp range: 200-480 degC</p> <p>2.1.5. Power consumption (hot air): 720W</p> <p>2.1.6. Power consumption (iron): 60W"</p> <p>3.WARRANTY</p> <p>3.1. At least one (1) year limited warranty for parts and services.</p> <p>3.2. Warranties shall not apply to any defect which arises from improper use, failure to follow the product instructions, or any repair or modification made without the consent of the supplier.</p> <p>4.PAYMENT AND DELIVERY TERMS</p> <p>4.1. Upon issuance of Notice to Proceed (NTP), the parts must be delivered on or before December 29, 2021.</p> <p>4.2. The price of the bid must be inclusive of government taxes and other fees.</p> <p>4.3. Payment upon full delivery.</p> <p>4.4. Certificate/Document must be submitted upon the request of the BAC Secretariat in aid of evaluation of quotations.</p> <p><i>(Please see attached quotation.)</i></p>	1	₱4,750.00	₱4,750.00
3	Unit	<p>Desktop Digital Microscope</p> <p>1. GENERAL OVERVIEW</p> <p>1.1. The Advanced Science and Technology Institute (ASTI) is seeking qualified and competent bidders for the Desktop Digital Microscope as part of RuralSync prototyping activities.</p> <p>1.1.1. The supplier must provide a digital microscope kit with aluminum alloy stand.</p> <p>1.2. The approved budget for the contract is inclusive of all applicable government taxes and services charges.</p> <p>1.3. The technical specifications written herein are of minimum requirement, otherwise stated.</p> <p>2. TECHNICAL SPECIFICATIONS</p> <p>2.1. The supplier must abide and meet the following specifications of the equipment/components:</p> <p>2.1.1. Pixel: HD3.6MP CCD</p> <p>2.1.2. Display: 4.3 inches HD LCD display</p> <p>2.1.3. Magnification: 1-600X magnification system</p> <p>2.1.4. Object distance: 15mm to infinity</p> <p>2.1.5. Resolution: 1080P, 720P, VGA</p> <p>2.1.6. Cyclic Record: off / 3 minutes / 5 minutes / 10 minutes (If the memory card is full, it will delete the first video and save the new video automatically.)</p> <p>2.1.7. Light Source's Frequency: 50HZ, 60HZ</p>	1	₱8,850.00	₱8,850.00

		<p>3. WARRANTY</p> <p>3.1. At least one (1) year limited warranty for parts and services.</p> <p>3.2. Warranties shall not apply to any defect which arises from improper use, failure to follow the product instructions, or any repair or modification made without the consent of the supplier.</p> <p>4. PAYMENT AND DELIVERY TERMS</p> <p>4.1. Upon issuance of Notice to Proceed (NTP), the parts must be delivered on or before December 29, 2021.</p> <p>4.2. The price of the bid must be inclusive of government taxes and other fees.</p> <p>4.3. Payment upon full delivery.</p> <p>4.4. Certificate/Document must be submitted upon the request of the BAC Secretariat in aid of evaluation of quotations.</p> <p><i>(Please see attached quotation.)</i></p>			
4	Unit	<p>DC 0-60V 5A Laboratory Power Supply</p> <p>1. GENERAL OVERVIEW</p> <p>1.1. The Advanced Science and Technology Institute (ASTI) is seeking qualified and competent bidders for the DC 0-60V 5A Laboratory Power Supply as part of RuralSync prototyping activities.</p> <p>1.2. The approved budget for the contract is inclusive of all applicable government taxes and services charges.</p> <p>1.3. The technical specifications written herein are of minimum requirement, otherwise stated.</p> <p>2. TECHNICAL SPECIFICATIONS</p> <p>2.1. The supplier must abide and meet the following specifications of the equipment/components:</p> <p>2.1.1. Clear digital LED displays</p> <p>2.1.2. Operation in voltage (CV) or current (CC) stabilization mode</p> <p>2.1.3. One main and 2 auxiliary outputs</p> <p>2.1.4. Built-in fan</p> <p>2.1.5. Thermal fan switch</p> <p>2.1.6. Ability to work with a current limitation of 990mA (indications with an accuracy of 1mA) and 5A (indications with an accuracy of 10mA)</p> <p>2.1.7. Supply voltage: 220V AC \pm 10%, 50 / 60Hz</p> <p>2.1.8. Working environment: -10 \div 40 $^{\circ}$ C, RH <90%</p> <p>2.1.9. Storage environment: -10 \div 40 $^{\circ}$ C, RH <80%</p> <p>2.1.10. Power: 470W</p> <p>3. WARRANTY</p> <p>3.1. At least one (1) year limited warranty for parts and services.</p> <p>3.2. Warranties shall not apply to any defect which arises from improper use, failure to follow the product instructions, or any repair or modification made without the consent of the supplier.</p> <p>4. PAYMENT AND DELIVERY TERMS</p> <p>4.1. Upon issuance of Notice to Proceed (NTP), the parts must be delivered on or before December 29, 2021.</p> <p>4.2. The price of the bid must be inclusive of government taxes and other fees.</p> <p>4.3. Payment upon full delivery.</p> <p>4.4. Certificate/Document must be submitted upon the request of the BAC Secretariat in aid of evaluation of quotations.</p> <p><i>(Please see attached quotation.)</i></p>	1	₱7,000.00	₱7,000.00

5	Unit	<p>Outdoor extension cords</p> <p>1. GENERAL OVERVIEW</p> <p>1.1. The Advanced Science and Technology Institute (ASTI) is seeking qualified and competent bidders for the Outdoor extension cords as part of RuralSync prototyping activities.</p> <p>1.2. The approved budget for the contract is inclusive of all applicable government taxes and services charges.</p> <p>1.3. The technical specifications written herein are of minimum requirement, otherwise stated.</p> <p>2. TECHNICAL SPECIFICATIONS</p> <p>2.1. The supplier must abide and meet the following specifications of the equipment/components:</p> <p>2.1.1. Size: 25 ft</p> <p>2.1.2. Wattage 1625 watts</p> <p>2.1.3. Plug Format Type B</p> <p>2.1.4. Voltage: 125 Volts</p> <p>2.1.5. Input Current: 13 Amps</p> <p>3. WARRANTY</p> <p>3.1. At least one (1) year limited warranty for parts and services.</p> <p>3.2. Warranties shall not apply to any defect which arises from improper use, failure to follow the product instructions, or any repair or modification made without the consent of the supplier.</p> <p>4. PAYMENT AND DELIVERY TERMS</p> <p>4.1. Upon issuance of Notice to Proceed (NTP), the parts must be delivered on or before December 29, 2021.</p> <p>4.2. The price of the bid must be inclusive of government taxes and other fees.</p> <p>4.3. Payment upon full delivery.</p> <p>4.4. Certificate/Document must be submitted upon the request of the BAC Secretariat in aid of evaluation of quotations.</p> <p><i>(Please see attached quotation.)</i></p>	3	₱2,150.00	₱6,450.00
6	Piece	<p>Nylon PCB Standoffs and Spacers</p> <p>1. GENERAL OVERVIEW</p> <p>1.1. The Advanced Science and Technology Institute (ASTI) is seeking qualified and competent bidders for the Nylon PCB Standoffs and Spacers as part of RuralSync prototyping activities.</p> <p>1.2. The approved budget for the contract is inclusive of all applicable government taxes and services charges.</p> <p>1.3. The technical specifications written herein are of minimum requirement, otherwise stated.</p> <p>2. TECHNICAL SPECIFICATIONS</p> <p>2.1. The supplier must abide and meet the following specifications of the equipment/components:</p> <p>2.1.1. Standoffs:</p> <p>2.1.1.1. Material : Nylon</p> <p>2.1.1.2. Color: Black</p> <p>2.1.1.3. Package size : 12.9 x 6.7 x 2cm</p> <p>2.1.2. Spacers:</p> <p>2.1.1.1. Nylon Package size : 12.9 x 6.7 x 2cm</p> <p>2.1.1.2. Size : A : 5.7 ±0.2mm / 0.224" B : 6 ±0.3mm / 0.236" L : 6 – 20mm / 0.236" – 0.787"</p> <p>2.1.1.3. Screw thread : M3/(3mm), thread pitch: 0.5mm</p> <p>3. WARRANTY</p> <p>3.1. At least one (1) year limited warranty for parts and services.</p> <p>3.2. Warranties shall not apply to any defect which</p>	2	₱325.00	₱650.00

		<p>arises from improper use, failure to follow the product instructions, or any repair or modification made without the consent of the supplier.</p> <p>4. PAYMENT AND DELIVERY TERMS 4.1. Upon issuance of Notice to Proceed (NTP), the parts must be delivered on or before December 29, 2021. 4.2. The price of the bid must be inclusive of government taxes and other fees. 4.3. Payment upon full delivery. 4.4. Certificate/Document must be submitted upon the request of the BAC Secretariat in aid of evaluation of quotations.</p> <p><i>(Please see attached quotation.)</i></p>			
7	Piece	<p>ESD High Temperature Mat</p> <p>1. GENERAL OVERVIEW 1.1. The Advanced Science and Technology Institute (ASTI) is seeking qualified and competent bidders for the ESD High Temperature Mat as part of RuralSync prototyping activities. 1.2. The approved budget for the contract is inclusive of all applicable government taxes and services charges. 1.3. The technical specifications written herein are of minimum requirement, otherwise stated.</p> <p>2. TECHNICAL SPECIFICATIONS 2.1. The supplier must abide and meet the following specifications of the equipment/components: 2.1.1. Height: 0.08 inches 2.1.2. Included Components: Mat^Wrist Strap^Ground Cord 2.1.3. Item Thickness: 0.08 inches 2.1.4. Length: 30.0 inches</p> <p>3. WARRANTY 3.1. At least one (1) year limited warranty for parts and services. 3.2. Warranties shall not apply to any defect which arises from improper use, failure to follow the product instructions, or any repair or modification made without the consent of the supplier.</p> <p>4. PAYMENT AND DELIVERY TERMS 4.1. Upon issuance of Notice to Proceed (NTP), the unit must be delivered on or before December 29, 2021. 4.2. The price of the bid must be inclusive of government taxes and other fsees. 4.3. Payment upon full delivery. 4.4. Certificate/Document must be submitted upon the request of the BAC Secretariat in aid of evaluation of quotations.</p> <p><i>(Please see attached quotation.)</i></p>	1	₱4,950.00	₱4,950.00
8	Piece	<p>Heat Resistant Silicon Insulation Mat</p> <p>1. GENERAL OVERVIEW 1.1. The Advanced Science and Technology Institute (ASTI) is seeking qualified and competent bidders for the Heat Resistant Silicon Insulation Mat as part of RuralSync prototyping activities. 1.2. The approved budget for the contract is inclusive of all applicable government taxes and services charges. 1.3. The technical specifications written herein are of minimum requirement, otherwise stated.</p>	1	₱625.00	₱625.00

		<p>2. TECHNICAL SPECIFICATIONS</p> <p>2.1. The supplier must abide and meet the following specifications of the equipment/components:</p> <p>2.1.1. Item Weight: 1.83 pounds</p> <p>2.1.2. Package Dimensions: 15.28 x 4.53 x 4.45 inches</p> <p>2.1.3. Size 21.6 x 13.8 inch</p> <p>2.1.4. No batteries Required</p> <p>3. WARRANTY</p> <p>3.1. At least one (1) year limited warranty for parts and services.</p> <p>3.2. Warranties shall not apply to any defect which arises from improper use, failure to follow the product instructions, or any repair or modification made without the consent of the supplier.</p> <p>4. PAYMENT AND DELIVERY TERMS</p> <p>4.1. Upon issuance of Notice to Proceed (NTP), the unit must be delivered on or before December 29, 2021.</p> <p>4.2. The price of the bid must be inclusive of government taxes and other fees.</p> <p>4.3. Payment upon full delivery.</p> <p>4.4. Certificate/Document must be submitted upon the request of the BAC Secretariat in aid of evaluation of quotations.</p> <p><i>(Please see attached quotation.)</i></p>			
9	Unit	<p>Double sided Poster Display Stand</p> <p>1. GENERAL OVERVIEW</p> <p>1.1. The Advanced Science and Technology Institute (ASTI) is seeking qualified and competent bidders for the Double sided Poster Display Stand as part of RuralSync prototyping activities.</p> <p>1.2. The approved budget for the contract is inclusive of all applicable government taxes and services charges.</p> <p>1.3. The technical specifications written herein are of minimum requirement, otherwise stated.</p> <p>2. TECHNICAL SPECIFICATIONS</p> <p>2.1. The supplier must abide and meet the following specifications of the equipment/components:</p> <p>2.1.1. 2 posters can be displayed at the same time.</p> <p>2.1.2. Can hold boards up to 0.4 inches thick</p> <p>2.1.3. Adjustable Height</p> <p>2.1.4. Fits posters up to 75 inches height</p> <p>2.1.5. Heavy Duty</p> <p>2.1.6. With heavy non-slip metal base w/ foam measuring 9.8x12inches</p> <p>3. WARRANTY</p> <p>3.1. At least one (1) year limited warranty for parts and services.</p> <p>3.2. Warranties shall not apply to any defect which arises from improper use, failure to follow the product instructions, or any repair or modification made without the consent of the supplier.</p> <p>4. PAYMENT AND DELIVERY TERMS</p> <p>4.1. Upon issuance of Notice to Proceed (NTP), the unit must be delivered on or before December 29, 2021.</p> <p>4.2. The price of the bid must be inclusive of government taxes and other fees.</p> <p>4.3. Payment upon full delivery.</p> <p>4.4. Certificate/Document must be submitted upon the request of the BAC Secretariat in aid of evaluation of quotations.</p> <p><i>(Please see attached quotation.)</i></p>	2	₱1,580.00	₱3,160.00

10	Unit	<p>Keyboard for ThinkPad T470P</p> <p>1. GENERAL OVERVIEW</p> <p>1.1. The Advanced Science and Technology Institute (ASTI) is seeking qualified and competent bidders for the Keyboard for ThinkPad T470P as part of RuralSync prototyping activities.</p> <p>1.1.1. The unit must be compatible for ThinkPad T470P</p> <p>1.2. The approved budget for the contract is inclusive of all applicable government taxes and services charges.</p> <p>1.3. The technical specifications written herein are of minimum requirement, otherwise stated.</p> <p>2. TECHNICAL SPECIFICATIONS</p> <p>2.1. The supplier must abide and meet the following specifications of the equipment/components:</p> <p>2.1.1. Fit Laptop Models: T460P and T470P Series</p> <p>2.1.2. Layout: USEA</p> <p>2.1.3. Backlit: Yes</p> <p>3. WARRANTY</p> <p>3.1. At least one (1) year limited warranty for parts and services.</p> <p>3.2. Warranties shall not apply to any defect which arises from improper use, failure to follow the product instructions, or any repair or modification made without the consent of the supplier.</p> <p>4. PAYMENT AND DELIVERY TERMS</p> <p>4.1. Upon issuance of Notice to Proceed (NTP), the unit must be delivered on or before December 29, 2021.</p> <p>4.2. The price of the bid must be inclusive of government taxes and other fees.</p> <p>4.3. Payment upon full delivery.</p> <p>4.4. Certificate/Document must be submitted upon the request of the BAC Secretariat in aid of evaluation of quotations.</p> <p><i>(Please see attached quotation.)</i></p>	1	₱5,500.00	₱5,500.00
				TOTAL:	₱44,335.00
(Total Amount in Words)		Forty Four Thousand Three Hundred Thirty Five Pesos Only			

The contract price is inclusive of taxes and other fees or charges. In case of failure to make the full delivery within the time specified above, a penalty of one-tenth (1/10) of one percent for every day of delay shall be imposed on the undelivered item/s. Once the cumulative amount of liquidated damages reaches ten percent (10%) of the amount of the contract, DOST-ASTI may rescind or terminate the contract, without prejudice to other courses of action and remedies available under the circumstances and in accordance with the provisions of the latest implementing rules and regulations of RA 9184.

Conforme:

Very Truly Yours,

(Signature over Printed Name of Supplier)

FRANZ A. DE LEON, Ph.D.

Director, DOST-ASTI

(Date)

Fund Cluster:	<u>01</u>	ORS / BURS No.:	<u>011011012021-12-000776</u>
		ORS / BURS Date:	<u>December 17, 2021</u>
Funds Available:	<u>PHP 44,335.00</u>	Amount:	<u>₱ 44,335.00</u>
<p>GAY CONCEPCION S. BUGAGAO</p> <p>_____ Accountant III</p>			