



**DOST-ASTI Bids and Awards Committee
REQUEST FOR QUOTATION**

Kind of Procurement Activity:	Negotiated Procurement:Small-value Procurement		
Deadline of Submission of Bids:	Sep-05-2022, 2:00 PM		
RFQ No.:	22-08-3985	Date:	August-31-2022
PR No.:	GAA-22-08-14486	Date:	August-10-2022

The Department of Science and Technology (DOST) - Advanced Science and Technology Institute (ASTI), through its Bids and Awards Committee (BAC), intends to procure the enlisted item/s below. Bidders may submit a proposal on any of the lots or items, and evaluation will be undertaken on a per lot or item basis, except otherwise specified in the requirements. Award may be considered for prospective bidder/s proven to be the single/lowest calculated and responsive quotation among all other quotations. Guidelines on the format of quotations and eligibility documents are listed below. Kindly follow the prescribed GUIDELINES to avoid DISQUALIFICATION.

Quotations may be submitted 1) manually to the BAC Secretariat at G/F DOST-ASTI Bldg., UP Technology Park Complex, CP Garcia Ave., UP Campus, Diliman, Quezon City or 2) sent via electronic mail at bac-sec@asti.dost.gov.ph. For further information, please contact the BAC Secretariat at +63 2 8249-8500 loc. 1206/1212.

Thank you.

EMMANUEL P. BALINTEC

BAC Chairperson

NO.	TECHNICAL SPECIFICATIONS	QTY	UNIT	UNIT PRICE(Php)	TOTAL PRICE(Php)
1	<p>Speaker (Pair)</p> <p>1. GENERAL OVERVIEW</p> <p>1.1. The Advanced Science and Technology Institute (ASTI) is seeking qualified and competent bidders for the supply and delivery of two (2) units of Speaker (Pair).</p> <p>1.2. Said unit shall be used for the prototyping of RuralCasting set top box.</p> <p>1.3. The approved budget for the contract is inclusive of all applicable government taxes and services charges.</p> <p>1.4. The technical specifications written herein are of minimum requirement, otherwise stated.</p> <p>2. The supplier must abide and meet the following specifications of the equipment:</p> <p>2.1. Impedance: 8Ω</p> <p>2.2. Power: 5W</p> <p>2.3. Dimension: 100mm x 45mm x 21 mm</p> <p>2.4. Compatible with 7inch LCD monitor</p> <p>2.5. The Speaker (Pair) unit must be brand new</p>	2	unit	450.00	900.00

	<p>and unused.</p> <p>3. WARRANTY</p> <p>3.1. All units must carry a six (6) months warranty for other parts and services that covered defects in materials and workmanship.</p> <p>3.2. Replacement units should be provided for defective units, fifteen (15) calendar days upon receipt of notice from End-users/DOST-ASTI Property and Supply Section.</p> <p>3.2.1. Defective units may be defined as units not working upon testing or units that have failed to work after testing within seven (7) calendar days from purchase.</p> <p>4. PAYMENT AND DELIVERY TERMS</p> <p>4.1. Delivery of Goods and/or performance of services shall be made by the supplier within thirty (30) calendar days upon issuance of Notice to Proceed.</p> <p>4.2. Payment shall be made only upon certification/acceptance by End User to the effect that the Goods have been rendered or delivered in accordance with the terms of this Contract and have been duly inspected and accepted. No payment shall be made for services not yet rendered or for the supplies and material not yet delivered under this Contract.</p> <p>4.3. The price of the bid must be inclusive of government tax and fees.</p>				
2	<p>Right-angle HDMI Plug Adapter with HDMI Cable: 0.5m FFC</p> <p>1. GENERAL OVERVIEW</p> <p>1.1. The Advanced Science and Technology Institute (ASTI) is seeking qualified and competent bidders for the supply and delivery of five (5) units of Right-angle HDMI Plug Adapter with HDMI Cable: 0.5m FFC.</p> <p>1.2. Said unit shall be used for the prototyping of RuralCasting set top box.</p> <p>1.3. The approved budget for the contract is inclusive of all applicable government taxes and services charges.</p> <p>1.4. The technical specifications written herein are of minimum requirement, otherwise stated.</p> <p>2. The supplier must abide and meet the following specifications</p>	5	unit	170.00	850.00

of the equipment:

- 2.1. Category: FFC
- 2.2. Flexible, easy wiring
- 2.3. EMI shielded, more stable transmission
- 2.4. Gold/tin-plating, anti-oxidation, capable of dealing with complex environment
- 2.5. Exposed contact: 20 pin, 0.5mm pitch, opposite side
- 2.6. Impedance control: $100 \pm 10\Omega$
- 2.7. Compliance: RoHS-compliant
- 2.8. Dimension: 500mm x 10.7mm x 0.5mm
- 2.9. For DIY HDMI Cable
- 2.10. The Right-angle HDMI Plug Adapter with HDMI Cable: 0.5m FFC unit must be brand new and unused.

3. WARRANTY

3.1. All units must carry a six (6) months warranty for other parts and services that covered defects in materials and workmanship.

3.2. Replacement units should be provided for defective units, fifteen (15) calendar days upon receipt of notice from End-users/DOST-ASTI Property and Supply Section.

3.2.1. Defective units may be defined as units not working upon testing or units that have failed to work after testing within seven (7) calendar days from purchase.

4. PAYMENT AND DELIVERY TERMS

4.1. Delivery of Goods and/or performance of services shall be made by the supplier within thirty (30) calendar days upon issuance of Notice to Proceed.

4.2. Payment shall be made only upon certification/acceptance by End User to the effect that the Goods have been rendered or delivered in accordance with the terms of this Contract and have been duly inspected and accepted. No payment shall be made for services not yet rendered or for the supplies and material not yet delivered under this Contract.

4.3. The price of the bid must be inclusive of government tax and fees.

3	Right-angle HDMI Plug Adapter 1. GENERAL OVERVIEW 1.1. The Advanced Science and Technology Institute (ASTI) is seeking qualified and competent bidders for the supply and	4	unit	286.00	1,144.00
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delivery of four (4) units of Right-angle HDMI Plug Adapter.

1.2. Said unit shall be used for the prototyping of RuralCasting set top box.

1.3. The approved budget for the contract is inclusive of all applicable government taxes and services charges.

1.4. The technical specifications written herein are of minimum requirement, otherwise stated.

2. The supplier must abide and meet the following specifications of the equipment:

2.1. Category: HDMI adapter

2.2. Connector: right-angle HDMI plug

2.3. Dimension: 18mm x 16.5mm x 16.5mm

2.4. For DIY HDMI Cable

2.5. The Right-angle HDMI Plug Adapter unit must be brand new and unused.

3. WARRANTY

3.1. All units must carry a six (6) months warranty for other parts and services that covered defects in materials and workmanship.

3.2. Replacement units should be provided for defective units, fifteen (15) calendar days upon receipt of notice from End-users/DOST-ASTI Property and Supply Section.

3.2.1. Defective units may be defined as units not working upon testing or units that have failed to work after testing within seven (7) calendar days from purchase.

4. PAYMENT AND DELIVERY TERMS

4.1. Delivery of Goods and/or performance of services shall be made by the supplier within thirty (30) calendar days upon issuance of Notice to Proceed.

4.2. Payment shall be made only upon certification/acceptance by End User to the effect that the Goods have been rendered or delivered in accordance with the terms of this Contract and have been duly inspected and accepted. No payment shall be made for services not yet rendered or for the supplies and material not yet delivered under this Contract.

4.3. The price of the bid must be inclusive of government tax and fees.

4	Fan 1. GENERAL OVERVIEW	4	unit	220.00	880.00
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- 1.1. The Advanced Science and Technology Institute (ASTI) is seeking qualified and competent bidders for the supply and delivery of four (4) units of Fan.
- 1.2. Said unit shall be used for the prototyping of RuralCasting set top box.
- 1.3. The approved budget for the contract is inclusive of all applicable government taxes and services charges.
- 1.4. The technical specifications written herein are of minimum requirement, otherwise stated.

2. The supplier must abide and meet the following specifications of the equipment:

- 2.1. Category: Cooling fan
- 2.2. Connector: 3PIN reverse-proof connector
- 2.3. Dimension: 40mm×40mm×10mm
- 2.4. Spec: 5V
- 2.5. The Fan unit must be brand new and unused.

3. WARRANTY

- 3.1. All units must carry a six (6) months warranty for other parts and services that covered defects in materials and workmanship.
- 3.2. Replacement units should be provided for defective units, fifteen (15) calendar days upon receipt of notice from End-users/DOST-ASTI Property and Supply Section.
 - 3.2.1. Defective units may be defined as units not working upon testing or units that have failed to work after testing within seven (7) calendar days from purchase.

4. PAYMENT AND DELIVERY TERMS

- 4.1. Delivery of Goods and/or performance of services shall be made by the supplier within thirty (30) calendar days upon issuance of Notice to Proceed.
- 4.2. Payment shall be made only upon certification/acceptance by End User to the effect that the Goods have been rendered or delivered in accordance with the terms of this Contract and have been duly inspected and accepted. No payment shall be made for services not yet rendered or for the supplies and material not yet delivered under this Contract.
- 4.3. The price of the bid must be inclusive of government tax and fees.

5	<p>7 inch LCD</p> <p>1. GENERAL OVERVIEW</p> <p>1.1. The Advanced Science and Technology Institute (ASTI) is seeking qualified and competent bidders for the supply and delivery of one (1) unit of 7 inch LCD.</p> <p>1.2. Said unit shall be used for the prototyping of RuralCasting set top box.</p> <p>1.3. The approved budget for the contract is inclusive of all applicable government taxes and services charges.</p> <p>1.4. The technical specifications written herein are of minimum requirement, otherwise stated.</p> <p>2. The supplier must abide and meet the following specifications of the equipment:</p> <ul style="list-style-type: none"> 2.1. 7inch HDMI LCD (H) x1 2.2. HDMI cable x1 2.3. HDMI to Micro HDMI Adapter x1 2.4. USB type A plug to micro B plug cable x1 2.5. RPi screws pack (4pcs) x 1 2.6. Quick start sheet x1 2.7. The 7 inch LCD unit must be brand new and unused. <p>3. WARRANTY</p> <p>3.1. All units must carry a six (6) months warranty for other parts and services that covered defects in materials and workmanship.</p> <p>3.2. Replacement units should be provided for defective units, fifteen (15) calendar days upon receipt of notice from End-users/DOST-ASTI Property and Supply Section.</p> <p>3.2.1. Defective units may be defined as units not working upon testing or units that have failed to work after testing within seven (7) calendar days from purchase.</p> <p>4. PAYMENT AND DELIVERY TERMS</p> <p>4.1. Delivery of Goods and/or performance of services shall be made by the supplier within thirty (30) calendar days upon issuance of Notice to Proceed.</p> <p>4.2. Payment shall be made only upon certification/acceptance by End User to the effect that the Goods have been rendered or delivered in accordance with the terms of this Contract and have been duly inspected and accepted. No payment shall be made for services not yet rendered or for the supplies and material not yet delivered under this Contract.</p>	1	unit	3520.00	3,520.00
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	4.3. The price of the bid must be inclusive of government tax and fees.				
6	<p>M.2 SATA SSD</p> <p>1. GENERAL OVERVIEW</p> <p>1.1. The Advanced Science and Technology Institute (ASTI) is seeking qualified and competent bidders for the supply and delivery of three (3) units of M.2 SATA SSD.</p> <p>1.2. Said unit shall be used for the prototyping of RuralCasting set top box.</p> <p>1.3. The approved budget for the contract is inclusive of all applicable government taxes and services charges.</p> <p>1.4. The technical specifications written herein are of minimum requirement, otherwise stated.</p> <p>2. The supplier must abide and meet the following specifications of the equipment:</p> <p> 2.1. Storage Capacity: 250GB</p> <p> 2.2. SATA 6 Gb/s Interface</p> <p> 2.3. Compatible with SATA 3 Gb/s & SATA 1.5 Gb/s interface</p> <p> 2.4. Sequential Write Speed: Up to 520 MB/s Sequential Write</p> <p> 2.5. Sequential Read Speed: Up to 550 MB/s Sequential Read</p> <p> 2.6. The M.2 SATA SSD unit must be brand new and unused.</p> <p>3. WARRANTY</p> <p>3.1. All units must carry a six (6) months warranty for other parts and services that covered defects in materials and workmanship.</p> <p>3.2. Replacement units should be provided for defective units, fifteen (15) calendar days upon receipt of notice from End-users/DOST-ASTI Property and Supply Section.</p> <p>3.2.1. Defective units may be defined as units not working upon testing or units that have failed to work after testing within seven (7) calendar days from purchase.</p> <p>4. PAYMENT AND DELIVERY TERMS</p> <p>4.1. Delivery of Goods and/or performance of services shall be made by the supplier within thirty (30) calendar days upon issuance of Notice to Proceed.</p> <p>4.2. Payment shall be made only upon</p>	3	unit	4620.00	13,860.00

	<p>certification/acceptance by End User to the effect that the Goods have been rendered or delivered in accordance with the terms of this Contract and have been duly inspected and accepted. No payment shall be made for services not yet rendered or for the supplies and material not yet delivered under this Contract.</p> <p>4.3. The price of the bid must be inclusive of government tax and fees.</p>				
7	<p>USB Hub 4 Port</p> <p>1. GENERAL OVERVIEW</p> <p>1.1. The Advanced Science and Technology Institute (ASTI) is seeking qualified and competent bidders for the supply and delivery of one (1) unit of USB Hub 4 Port.</p> <p>1.2. Said unit shall be used for the prototyping of RuralCasting set top box.</p> <p>1.3. The approved budget for the contract is inclusive of all applicable government taxes and services charges.</p> <p>1.4. The technical specifications written herein are of minimum requirement, otherwise stated.</p> <p>2. The supplier must abide and meet the following specifications of the equipment:</p> <ul style="list-style-type: none"> 2.1. Interface: USB 3.0 2.2. USB Voltage: 5V, 900mA 2.3. Input: 5V, 1A 2.4. Transfer Rate: 5Gbps 2.5. OS Support: Windows 10/8/7, Mac OS X 10.2 and later. 2.6. The USB Hub 4 Port unit must be brand new and unused. <p>3. WARRANTY</p> <p>3.1. All units must carry a six (6) months warranty for other parts and services that covered defects in materials and workmanship.</p> <p>3.2. Replacement units should be provided for defective units, fifteen (15) calendar days upon receipt of notice from End-users/DOST-ASTI Property and Supply Section.</p> <p>3.2.1. Defective units may be defined as units not working upon testing or units that have failed to work after testing within seven (7) calendar days from purchase.</p> <p>4. PAYMENT AND DELIVERY TERMS</p>	1	unit	1550.00	1,550.00

	<p>4.1. Delivery of Goods and/or performance of services shall be made by the supplier within thirty (30) calendar days upon issuance of Notice to Proceed.</p> <p>4.2. Payment shall be made only upon certification/acceptance by End User to the effect that the Goods have been rendered or delivered in accordance with the terms of this Contract and have been duly inspected and accepted. No payment shall be made for services not yet rendered or for the supplies and material not yet delivered under this Contract.</p> <p>4.3. The price of the bid must be inclusive of government tax and fees.</p>				
8	<p>USB Hub 4 Port for Raspberry Pi</p> <p>1. GENERAL OVERVIEW</p> <p>1.1. The Advanced Science and Technology Institute (ASTI) is seeking qualified and competent bidders for the supply and delivery of one (1) unit of USB Hub 4 Port for Raspberry Pi.</p> <p>1.2. Said unit shall be used for the prototyping of RuralCasting set top box.</p> <p>1.3. The approved budget for the contract is inclusive of all applicable government taxes and services charges.</p> <p>1.4. The technical specifications written herein are of minimum requirement, otherwise stated.</p> <p>2. The supplier must abide and meet the following specifications of the equipment:</p> <p>2.1. Power Mode: Bus-Power / Self-Power</p> <p>2.2. Standards: USB 2.0 and 1.1 compatibility</p> <p>2.3. Working Voltage: 5V DC</p> <p>2.4. Static Current: 1mA</p> <p>2.5. Maximum Output Current: 2A for all ports in self-power mode, 500mA for all ports in bus-power mode</p> <p>2.6. Operating Temperature: 0°C~70°C</p> <p>2.7. Storage Temperature: -20°C~80°C</p> <p>2.8. Humidity: 0~80%RH, non-condensing</p> <p>2.9. The USB Hub 4 Port for Raspberry Pi unit must be brand new and unused.</p> <p>3. WARRANTY</p> <p>3.1. All units must carry a six (6) months warranty for other parts and services that covered defects in materials and workmanship.</p>	1	unit	1100.00	1,100.00

	<p>3.2. Replacement units should be provided for defective units, fifteen (15) calendar days upon receipt of notice from End-users/DOST-ASTI Property and Supply Section.</p> <p>3.2.1. Defective units may be defined as units not working upon testing or units that have failed to work after testing within seven (7) calendar days from purchase.</p> <p>4. PAYMENT AND DELIVERY TERMS</p> <p>4.1. Delivery of Goods and/or performance of services shall be made by the supplier within thirty (30) calendar days upon issuance of Notice to Proceed.</p> <p>4.2. Payment shall be made only upon certification/acceptance by End User to the effect that the Goods have been rendered or delivered in accordance with the terms of this Contract and have been duly inspected and accepted. No payment shall be made for services not yet rendered or for the supplies and material not yet delivered under this Contract.</p> <p>4.3. The price of the bid must be inclusive of government tax and fees.</p>				
9	<p>Power Switch</p> <p>1. GENERAL OVERVIEW</p> <p>1.1. The Advanced Science and Technology Institute (ASTI) is seeking qualified and competent bidders for the supply and delivery of two (2) units of Power Switch.</p> <p>1.2. Said unit shall be used for the prototyping of RuralCasting set top box.</p> <p>1.3. The approved budget for the contract is inclusive of all applicable government taxes and services charges.</p> <p>1.4. The technical specifications written herein are of minimum requirement, otherwise stated.</p> <p>2. The supplier must abide and meet the following specifications of the equipment:</p> <ul style="list-style-type: none"> 2.1. Stainless Steel Body 2.2. IP65 Weatherproof Rating 2.3. Tamper Resistant 2.4. Latching Operation Type 2.5. Blue LED Ring 2.6. The Power Switch unit must be brand new and unused. <p>3. WARRANTY</p>	2	unit	990.00	1,980.00

	<p>3.1. All units must carry a six (6) months warranty for other parts and services that covered defects in materials and workmanship.</p> <p>3.2. Replacement units should be provided for defective units, fifteen (15) calendar days upon receipt of notice from End-users/DOST-ASTI Property and Supply Section.</p> <p>3.2.1. Defective units may be defined as units not working upon testing or units that have failed to work after testing within seven (7) calendar days from purchase.</p> <p>4. PAYMENT AND DELIVERY TERMS</p> <p>4.1. Delivery of Goods and/or performance of services shall be made by the supplier within thirty (30) calendar days upon issuance of Notice to Proceed.</p> <p>4.2. Payment shall be made only upon certification/acceptance by End User to the effect that the Goods have been rendered or delivered in accordance with the terms of this Contract and have been duly inspected and accepted. No payment shall be made for services not yet rendered or for the supplies and material not yet delivered under this Contract.</p> <p>4.3. The price of the bid must be inclusive of government tax and fees.</p>				
10	<p>Antenna Cable</p> <p>1. GENERAL OVERVIEW</p> <p>1.1. The Advanced Science and Technology Institute (ASTI) is seeking qualified and competent bidders for the supply and delivery of four (4) units of Antenna Cable.</p> <p>1.2. Said unit shall be used for the prototyping of RuralCasting set top box.</p> <p>1.3. The approved budget for the contract is inclusive of all applicable government taxes and services charges.</p> <p>1.4. The technical specifications written herein are of minimum requirement, otherwise stated.</p> <p>2. The supplier must abide and meet the following specifications of the equipment:</p> <ul style="list-style-type: none"> 2.1. U.FL Termination 2.2. RP-SMA Termination 2.3. 150mm Length 2.4. Voltage: 3.0V 2.5. Battery Size Code: CR3032 2.6. EAN: 4038816080370 	4	unit	1155.00	4,620.00

	<p>2.7. The Antenna Cable unit must be brand new and unused.</p> <p>3. WARRANTY</p> <p>3.1. All units must carry a six (6) months warranty for other parts and services that covered defects in materials and workmanship.</p> <p>3.2. Replacement units should be provided for defective units, fifteen (15) calendar days upon receipt of notice from End-users/DOST-ASTI Property and Supply Section.</p> <p>3.2.1. Defective units may be defined as units not working upon testing or units that have failed to work after testing within seven (7) calendar days from purchase.</p> <p>4. PAYMENT AND DELIVERY TERMS</p> <p>4.1. Delivery of Goods and/or performance of services shall be made by the supplier within thirty (30) calendar days upon issuance of Notice to Proceed.</p> <p>4.2. Payment shall be made only upon certification/acceptance by End User to the effect that the Goods have been rendered or delivered in accordance with the terms of this Contract and have been duly inspected and accepted. No payment shall be made for services not yet rendered or for the supplies and material not yet delivered under this Contract.</p> <p>4.3. The price of the bid must be inclusive of government tax and fees.</p>				
11	<p>Antenna</p> <p>1. GENERAL OVERVIEW</p> <p>1.1. The Advanced Science and Technology Institute (ASTI) is seeking qualified and competent bidders for the supply and delivery of four (4) units of Antenna Cable.</p> <p>1.2. Said unit shall be used for the prototyping of RuralCasting set top box.</p> <p>1.3. The approved budget for the contract is inclusive of all applicable government taxes and services charges.</p> <p>1.4. The technical specifications written herein are of minimum requirement, otherwise stated.</p> <p>2. The supplier must abide and meet the following specifications of the equipment:</p> <p>2.1. Minimum Frequency: 430 MHz</p>	2	unit	750.00	1,500.00

- 2.2. Maximum Frequency: 435 MHz
- 2.3. Gain: - 3.3 dBi
- 2.4. Impedance: 50 Ohms
- 2.5. Power Rating: 10 W
- 2.6. Length: 193.5 mm
- 2.7. Diameter: 10 mm
- 2.8. The Antenna unit must be brand new and unused.

3. WARRANTY

- 3.1. All units must carry a six (6) months warranty for other parts and services that covered defects in materials and workmanship.
- 3.2. Replacement units should be provided for defective units, fifteen (15) calendar days upon receipt of notice from End-users/DOST-ASTI Property and Supply Section.
- 3.2.1. Defective units may be defined as units not working upon testing or units that have failed to work after testing within seven (7) calendar days from purchase.

4. PAYMENT AND DELIVERY TERMS

- 4.1. Delivery of Goods and/or performance of services shall be made by the supplier within thirty (30) calendar days upon issuance of Notice to Proceed.
- 4.2. Payment shall be made only upon certification/acceptance by End User to the effect that the Goods have been rendered or delivered in accordance with the terms of this Contract and have been duly inspected and accepted. No payment shall be made for services not yet rendered or for the supplies and material not yet delivered under this Contract.
- 4.3. The price of the bid must be inclusive of government tax and fees.

12	<p>WiFi Dongle with Soft AP</p> <p>1. GENERAL OVERVIEW</p> <p>1.1. The Advanced Science and Technology Institute (ASTI) is seeking qualified and competent bidders for the supply and delivery of two (2) units of WiFi Dongle with Soft AP.</p> <p>1.2. Said unit shall be used for the prototyping of RuralCasting set top box.</p> <p>1.3. The approved budget for the contract is inclusive of all applicable government taxes and services charges.</p> <p>1.4. The technical specifications written herein are of minimum requirement, otherwise stated.</p>	2	unit	750.00	1,500.00
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	<p>2. The supplier must abide and meet the following specifications of the equipment:</p> <p>2.1. Wireless Standard: IEEE802.11b,IEEE 802.11g, IEEE 802.11n</p> <p>2.2. Frequency: 2.4GHz</p> <p>2.3. Data Rate: 2.4GHz: Up to 150Mbps</p> <p>2.4. Transmission Power: <20dBm (EIRP)</p> <p>2.5. Wireless Modes: Station Mode</p> <p>2.6. Wireless Security: 64/128-bit WEP, WPA-PSK / WPA2-PSK,WPA / WPA2</p> <p>2.7. The WiFi Dongle with Soft AP unit must be brand new and unused.</p> <p>3. WARRANTY</p> <p>3.1. All units must carry a six (6) months warranty for other parts and services that covered defects in materials and workmanship.</p> <p>3.2. Replacement units should be provided for defective units, fifteen (15) calendar days upon receipt of notice from End-users/DOST-ASTI Property and Supply Section.</p> <p>3.2.1. Defective units may be defined as units not working upon testing or units that have failed to work after testing within seven (7) calendar days from purchase.</p> <p>4. PAYMENT AND DELIVERY TERMS</p> <p>4.1. Delivery of Goods and/or performance of services shall be made by the supplier within thirty (30) calendar days upon issuance of Notice to Proceed.</p> <p>4.2. Payment shall be made only upon certification/acceptance by End User to the effect that the Goods have been rendered or delivered in accordance with the terms of this Contract and have been duly inspected and accepted. No payment shall be made for services not yet rendered or for the supplies and material not yet delivered under this Contract.</p> <p>4.3. The price of the bid must be inclusive of government tax and fees.</p>				
13	<p>Rock Pi RTC</p> <p>1. GENERAL OVERVIEW</p> <p>1.1. The Advanced Science and Technology Institute (ASTI) is seeking qualified and competent bidders for the supply and delivery of two (4) units of Rock Pi RTC.</p> <p>1.2. Said unit shall be used for the prototyping of</p>	4	unit	330.00	1,320.00

	<p>RuralCasting set top box.</p> <p>1.3. The approved budget for the contract is inclusive of all applicable government taxes and services charges.</p> <p>1.4. The technical specifications written herein are of minimum requirement, otherwise stated.</p> <p>2. The supplier must abide and meet the following specifications of the equipment:</p> <ul style="list-style-type: none"> 2.1. Voltage 3.0V 2.2. Battery Size Code CR3032 2.3. EAN 4038816080370 2.4. Weight 10 g 2.5. The Rock Pi RTC unit must be brand new and unused. <p>3. WARRANTY</p> <p>3.1. All units must carry a six (6) months warranty for other parts and services that covered defects in materials and workmanship.</p> <p>3.2. Replacement units should be provided for defective units, fifteen (15) calendar days upon receipt of notice from End-users/DOST-ASTI Property and Supply Section.</p> <p>3.2.1. Defective units may be defined as units not working upon testing or units that have failed to work after testing within seven (7) calendar days from purchase.</p> <p>4. PAYMENT AND DELIVERY TERMS</p> <p>4.1. Delivery of Goods and/or performance of services shall be made by the supplier within thirty (30) calendar days upon issuance of Notice to Proceed.</p> <p>4.2. Payment shall be made only upon certification/acceptance by End User to the effect that the Goods have been rendered or delivered in accordance with the terms of this Contract and have been duly inspected and accepted. No payment shall be made for services not yet rendered or for the supplies and material not yet delivered under this Contract.</p> <p>4.3. The price of the bid must be inclusive of government tax and fees.</p>				
14	<p>SX1278 LoRa Module 433M 10KM Ra-02</p> <p>1. GENERAL OVERVIEW</p> <p>1.1. The Advanced Science and Technology Institute (ASTI) is seeking qualified and competent bidders for the supply</p>	6	unit	891.00	5,346.00

and
delivery of six (6) units of SX1278 LoRa Module 433M
10KM

Ra-02.

1.2. Said unit shall be used for the prototyping of
RuralCasting
set top box.

1.3. The approved budget for the contract is inclusive of
all

applicable government taxes and services charges.

1.4. The technical specifications written herein are of
minimum
requirement, otherwise stated.

2. The supplier must abide and meet the following
specifications
of the equipment:

2.1. Communication distance: 15KM

2.2. Sensitivity: down to -148dBm

2.3. Programmable bit rates: up to 300kbps

2.4. Wireless frequency: 433MHz

2.5. Working voltage: 1.8-3.7v

2.6. Working temperature: -40-+80 °C

2.7. The SX1278 LoRa Module 433M 10KM

Ra-02 unit

must be brand new and unused.

3. WARRANTY

3.1. All units must carry a six (6) months warranty for
other parts
and services that covered defects in materials and
workmanship.

3.2. Replacement units should be provided for
defective units,
fifteen (15) calendar days upon receipt of notice from
End-users/DOST-ASTI Property and Supply Section.

3.2.1. Defective units may be defined as units not
working upon
testing or units that have failed to work after testing
within seven
(7) calendar days from purchase.

4. PAYMENT AND DELIVERY TERMS

4.1. Delivery of Goods and/or performance of services
shall be
made by the supplier within thirty (30) calendar days
upon
issuance of Notice to Proceed.

4.2. Payment shall be made only upon
certification/acceptance
by End User to the effect that the Goods have been
rendered or
delivered in accordance with the terms of this Contract
and have
been duly inspected and accepted. No payment shall
be made
for services not yet rendered or for the supplies and
material not
yet delivered under this Contract.

4.3. The price of the bid must be inclusive of
government tax and

	fees.				
15	<p>ESP-32 Development Board</p> <p>1. GENERAL OVERVIEW</p> <p>1.1. The Advanced Science and Technology Institute (ASTI) is seeking qualified and competent bidders for the supply and delivery of four (4) units of ESP-32 Development Board.</p> <p>1.2. Said unit shall be used for the prototyping of RuralCasting set top box.</p> <p>1.3. The approved budget for the contract is inclusive of all applicable government taxes and services charges.</p> <p>1.4. The technical specifications written herein are of minimum requirement, otherwise stated.</p> <p>2. The supplier must abide and meet the following specifications of the equipment:</p> <p> 2.1. 2.4GHz dual-mode Wi-Fi module</p> <p> 2.2. Bluetooth module by TSMC 40nm low power tech</p> <p> 2.3. Supports three modes: AP, STA, and AP+STA</p> <p> 2.4. The ESP-32 Development Board unit must be brand new and unused.</p> <p>3. WARRANTY</p> <p>3.1. All units must carry a six (6) months warranty for other parts and services that covered defects in materials and workmanship.</p> <p>3.2. Replacement units should be provided for defective units, fifteen (15) calendar days upon receipt of notice from End-users/DOST-ASTI Property and Supply Section.</p> <p>3.2.1. Defective units may be defined as units not working upon testing or units that have failed to work after testing within seven (7) calendar days from purchase.</p> <p>4. PAYMENT AND DELIVERY TERMS</p> <p>4.1. Delivery of Goods and/or performance of services shall be made by the supplier within thirty (30) calendar days upon issuance of Notice to Proceed.</p> <p>4.2. Payment shall be made only upon certification/acceptance by End User to the effect that the Goods have been rendered or delivered in accordance with the terms of this Contract and have been duly inspected and accepted. No payment shall be made</p>	4	unit	275.00	1,100.00

	<p>for services not yet rendered of for the supplies and material not yet delivered under this Contract.</p> <p>4.3. The price of the bid must be inclusive of government tax and fees.</p>				
16	<p>M3 Nylon Standoff Kit M-F Hex Spacers Screw Nut Assortment Kit</p> <p>1. GENERAL OVERVIEW</p> <p>1.1. The Advanced Science and Technology Institute (ASTI) is seeking qualified and competent bidders for the supply and delivery of four (4) units of M3 Nylon Standoff Kit M-F Hex Spacers Screw Nut Assortment Kit.</p> <p>1.2. Said unit shall be used for the prototyping of RuralCasting set top box.</p> <p>1.3. The approved budget for the contract is inclusive of all applicable government taxes and services charges.</p> <p>1.4. The technical specifications written herein are of minimum requirement, otherwise stated.</p> <p>2. The supplier must abide and meet the following specifications of the equipment:</p> <p>2.1. Material : Nylon</p> <p>2.2. A : 5.7 ±0.2mm / 0.224"</p> <p>2.3. B : 6 ±0.3mm / 0.236"</p> <p>2.4. L : 6 – 20mm / 0.236" – 0.787"</p> <p>2.5. Screw thread : M3/(3mm), thread pitch: 0.5mm</p> <p>2.6. Package Includes:</p> <p>2.6.1. 60pcs – M3 Nuts</p> <p>2.6.2. 60pcs – M3x6mm Screws</p> <p>2.6.3. 10pcs – M3x6mm+6mm Spacers Male-Female</p> <p>2.6.4. 10pcs – M3x8mm+6mm Spacers Male-Female</p> <p>2.6.5. 10pcs – M3x10mm+6mm Spacers Male-Female</p> <p>2.6.6. 10pcs – M3x12mm+6mm Spacers Male-Female</p> <p>2.6.7. 10pcs – M3x15mm+6mm Spacers Male-Female</p> <p>2.6.8. 10pcs – M3x20mm+6mm Spacers Male-Female</p> <p>2.7. The M3 Nylon Standoff Kit M-F Hex Spacers Screw Nut Assortment Kit unit must be brand new and unused.</p> <p>3. WARRANTY</p> <p>3.1. All units must carry a six (6) months warranty for other parts and services that covered defects in materials and</p>	4	unit	198.00	792.00

	<p>workmanship.</p> <p>3.2. Replacement units should be provided for defective units, fifteen (15) calendar days upon receipt of notice from End-users/DOST-ASTI Property and Supply Section.</p> <p>3.2.1. Defective units may be defined as units not working upon testing or units that have failed to work after testing within seven (7) calendar days from purchase.</p> <p>4. PAYMENT AND DELIVERY TERMS</p> <p>4.1. Delivery of Goods and/or performance of services shall be made by the supplier within thirty (30) calendar days upon issuance of Notice to Proceed.</p> <p>4.2. Payment shall be made only upon certification/acceptance by End User to the effect that the Goods have been rendered or delivered in accordance with the terms of this Contract and have been duly inspected and accepted. No payment shall be made for services not yet rendered or for the supplies and material not yet delivered under this Contract.</p> <p>4.3. The price of the bid must be inclusive of government tax and fees.</p>				
17	<p>LoRa RFM95W Radio Transceiver Breakout 868Mhz</p> <p>1. GENERAL OVERVIEW</p> <p>1.1. The Advanced Science and Technology Institute (ASTI) is seeking qualified and competent bidders for the supply and delivery of four (4) units of LoRa RFM95W Radio Transceiver Breakout 868Mhz.</p> <p>1.2. Said unit shall be used for the prototyping of RuralCasting set top box.</p> <p>1.3. The approved budget for the contract is inclusive of all applicable government taxes and services charges.</p> <p>1.4. The technical specifications written herein are of minimum requirement, otherwise stated.</p> <p>2. The supplier must abide and meet the following specifications of the equipment:</p> <p>2.1. Dimensions: 29mm x 25mm x 4mm / 1.14" x 1.0" x 0.2"</p> <p>2.2. Weight 3.1g</p> <p>2.3. Range of approx. 2Km, depending on obstructions, frequency, antenna and power output</p>	2	unit	1700.00	3,400.00

	<p>2.4. +5 to +20 dBm up to 100 mW Power Output Capability (power output selectable in software)</p> <p>2.5. ~100mA peak during +20dBm transmit, ~30mA during active radio listening</p> <p>2.6. The LoRa RFM95W Radio Transceiver Breakout 868Mhz unit must be brand new and unused.</p> <p>3. WARRANTY</p> <p>3.1. All units must carry a six (6) months warranty for other parts and services that covered defects in materials and workmanship.</p> <p>3.2. Replacement units should be provided for defective units, fifteen (15) calendar days upon receipt of notice from End-users/DOST-ASTI Property and Supply Section.</p> <p>3.2.1. Defective units may be defined as units not working upon testing or units that have failed to work after testing within seven (7) calendar days from purchase.</p> <p>4. PAYMENT AND DELIVERY TERMS</p> <p>4.1. Delivery of Goods and/or performance of services shall be made by the supplier within thirty (30) calendar days upon issuance of Notice to Proceed.</p> <p>4.2. Payment shall be made only upon certification/acceptance by End User to the effect that the Goods have been rendered or delivered in accordance with the terms of this Contract and have been duly inspected and accepted. No payment shall be made for services not yet rendered or for the supplies and material not yet delivered under this Contract.</p> <p>4.3. The price of the bid must be inclusive of government tax and fees.</p>				
18	<p>Mini ESP32 ESP-WROOM-32</p> <p>1. GENERAL OVERVIEW</p> <p>1.1. The Advanced Science and Technology Institute (ASTI) is seeking qualified and competent bidders for the supply and delivery of four (4) units of Mini ESP32 ESP-WROOM-32.</p> <p>1.2. Said unit shall be used for the prototyping of RuralCasting set top box.</p> <p>1.3. The approved budget for the contract is inclusive of all</p>	4	unit	380.00	1,520.00

	<p>applicable government taxes and services charges.</p> <p>1.4. The technical specifications written herein are of minimum requirement, otherwise stated.</p> <p>2. The supplier must abide and meet the following specifications of the equipment:</p> <p>2.1. Supports ESP-WROOM-32 module</p> <p>2.2. Onboard WIFI+Bluetooth function</p> <p>2.3. Compatible for Arduino IDE.</p> <p>2.4. The Mini ESP32 ESP-WROOM-32 unit must be brand new and unused.</p> <p>3. WARRANTY</p> <p>3.1. All units must carry a six (6) months warranty for other parts and services that covered defects in materials and workmanship.</p> <p>3.2. Replacement units should be provided for defective units, fifteen (15) calendar days upon receipt of notice from End-users/DOST-ASTI Property and Supply Section.</p> <p>3.2.1. Defective units may be defined as units not working upon testing or units that have failed to work after testing within seven (7) calendar days from purchase.</p> <p>4. PAYMENT AND DELIVERY TERMS</p> <p>4.1. Delivery of Goods and/or performance of services shall be made by the supplier within thirty (30) calendar days upon issuance of Notice to Proceed.</p> <p>4.2. Payment shall be made only upon certification/acceptance by End User to the effect that the Goods have been rendered or delivered in accordance with the terms of this Contract and have been duly inspected and accepted. No payment shall be made for services not yet rendered of for the supplies and material not yet delivered under this Contract.</p> <p>4.3. The price of the bid must be inclusive of government tax and fees.</p>				
19	<p>Indoor LTE Transceivers</p> <p>1. GENERAL OVERVIEW</p> <p>1.1. The Advanced Science and Technology Institute (ASTI) is seeking qualified and competent bidders for the supply and delivery of one (1) lot of Indoor LTE Transceivers.</p> <p>1.2. Said unit shall be used for the prototyping of LokaLTE base station.</p>	1	lot	32670.00	32,670.00

1.3. The approved budget for the contract is inclusive of all applicable government taxes and services charges.

1.4. The technical specifications written herein are of minimum requirement, otherwise stated.

2. The supplier must abide and meet the following specifications of the equipment:

2.1. Package Includes:

2.1.1. Indoor LTE Transceiver

2.1.1.1. (400 - 1000 MHz)

2.1.1.2. Includes all broadcast UHF

High

Definition television

(HDTV)

channels.

2.1.2. Indoor LTE Transceiver

2.1.2.1. (400 - 1000 MHz)

2.1.2.2. Includes old analog cellular telephones, and wireless networking at 2.4GHz

2.1.3. Indoor LTE Transceiver

2.1.3.1. (2100 - 11000 MHz)

2.1.3.2. Includes wireless

networking at

2.4GHz (802.11b/g) and

5.8GHz

(802.11a)

2.2. The Indoor LTE Transceivers unit must be brand new

and unused.

3. WARRANTY

3.1. All units must carry a six (6) months warranty for other parts and services that covered defects in materials and workmanship.

3.2. Replacement units should be provided for defective units, fifteen (15) calendar days upon receipt of notice from End-users/DOST-ASTI Property and Supply Section.

3.2.1. Defective units may be defined as units not working upon testing or units that have failed to work after testing within seven (7) calendar days from purchase.

4. PAYMENT AND DELIVERY TERMS

4.1. Delivery of Goods and/or performance of services shall be made by the supplier within thirty (30) calendar days upon issuance of Notice to Proceed.

4.2. Payment shall be made only upon certification/acceptance by End User to the effect that the Goods have been rendered or delivered in accordance with the terms of this Contract and have

been duly inspected and accepted. No payment shall be made for services not yet rendered or for the supplies and material not yet delivered under this Contract.
 4.3. The price of the bid must be inclusive of government tax and fees.

TOTAL APPROVED BUDGET FOR THE CONTRACT (ABC):

Php 79,552.00

GUIDELINES

A. Content and Format of Quotations

1. The Quotation/s must include the RFQ Number or the PR Number indicated above
2. Bidders must specify the BRAND NAMES and MODEL NAMES/NUMBER for the following goods:
 - a. Computer and electronic equipment and its accessories or peripherals
 - b. Software applications, programs, and digital licenses
 - c. Commercial off-the-shelf electronic devices or components
3. The Quotation/s must indicate the registered business name of the company (or individual), business address and contact number. It must also include the full name and signature of the company's authorized representative.
4. BIR Certificate of Registration for new DOST-ASTI suppliers.

B. Eligibility Requirements

Pursuant to Annex "H" or Consolidated Guidelines for the Alternative Methods of Procurement of the 2016 Implementing Rules and Regulations (IRR) of Republic Act (RA) No. 9184, the following documents shall be submitted except for Repeat Order, Shopping under Section 52.1(a), and Negotiated Procurement under Sections 53.1 (Two-Failed Biddings), and 53.5 (Agency-to-Agency):

For Procurement of Goods

1. Upon submission of quotation
 - a. Valid PhilGEPS Registration Number / Organization ID
 - b. Valid Mayor's/Business Permit
2. Upon issuance of Notice of Award (NOA)
 - a. Omnibus Sworn Statement (shall be required only for procurement projects with ABC above P50,000.00)
 - b. Income/Business Tax Return (For ABCs above P500,000.00)

For Procurement of Infrastructure

1. Upon submission of quotation
 - a. Valid PhilGEPS Registration Number / Organization ID
 - b. Valid Mayor's/Business Permit
 - c. Valid PCAB License
2. Upon issuance of NOA
 - a. Omnibus Sworn Statement (shall be required only for procurement projects with ABC above P50,000.00)
 - b. Income/Business Tax Return (For ABCs above P500,000.00)

*Requirements under Section 53.6 (Scientific, Scholarly or Artistic Work, Exclusive Technology and Media Services) of the revised IRR of RA No. 9184 will not apply to artists such as singer, performer, poet, writer, painter and sculptor who are engaged in business.

**Requirements under Section 53.10 (Lease of Real Property or Venue) of the revised IRR of RA No. 9184, specifically Mayor's/Business Permit, PhilGEPS Registration Number and Income/Business Tax Return will not apply to government agencies as lessors.

***For methods of procurement requiring Mayor's Permit and PhilGEPS Registration Number, valid Certificate of Platinum Membership may be submitted in lieu of the said documents.

C. Terms and Conditions

1. *Additional requirements, if necessary, may be requested by the BAC depending on the item to be bid;*
2. *All transactions are subject to creditable withholding tax and final Value Added Tax or percentage tax per revenue regulation/s of the BIR;*
3. *Liquidated damages of at least equal to one-tenth of one percent (0.001) of the cost of the unperformed portion for every day of delay shall be imposed by the DOST-ASTI pursuant to Section 68 of the revised IRR of RA No. 9184; and*
4. *The DOST-ASTI reserves the right to reject any and all bids, declare a failure of bidding, or not award the contract at any time prior to contract award in accordance with Sections 35.6 and 41 of the 2016 revised IRR of RA No. 9184, without thereby incurring any liability to the affected bidder or bidders.*