



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

Kind of Procurement Activity:	Negotiated Procurement:Small-value Procurement		
Deadline of Submission of Bids:	Jul-12-2023, 2:00 PM		
RFQ No.:	23-07-4443	Date:	July-07-2023
PR No.:	GAA-23-06-16943	Date:	June-06-2023

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.

BAYANI BENJAMIN R. LARA
BAC Chairperson

NO.	TECHNICAL SPECIFICATIONS	QTY	UNIT	UNIT PRICE(Php)	TOTAL PRICE(Php)
1	<p>NUC Kit</p> <p>1. GENERAL OVERVIEW</p> <p>1.1. DOST-ASTI is seeking qualified and competent bidders for the Supply and Delivery of Two (2) Lots of NUC Kit, to be used for prototyping under LokaLTE base station.</p> <p>1.2. The Approved Budget for the Contract (ABC) is inclusive of all applicable government taxes and services charges.</p> <p>2. SPECIFICATIONS</p> <p>2.1. The supplier must abide and meet the following specifications of the equipment:</p> <p>2.1.1. NUC Kit CORE i7</p> <p>2.1.1.1. 11th generation i7 processor</p> <p>2.1.1.2. M.2 22x80 key M slot</p> <p>2.1.1.3. 2.5" 7 mm SATA drive bay</p> <p>2.1.1.4. 117 x 112 x 51mm</p> <p>2.1.1.5. Standard Flat Lid</p> <p>2.1.1.6. Quantity: Two (2) units</p> <p>2.1.2. 8GB DDR4 2666Mhz Non ECC Memory</p> <p>RAM</p> <p>SODIMM</p> <p>2.1.2.1. Memory Capacity: 8GB</p>	2	lot	135000.00	270,000.00

	<p>2.1.2.2. CASLatency: CL19 2.1.2.3. Chip Organization: x8 2.1.2.4. Form Factor: DDR4 2.1.2.5. Memory Voltage: 1.2v 2.1.2.6. Module Type: SODIMM 2.1.2.7. Speed: 2666MHz (PC4-21300) 2.1.2.8. Quantity: Four (4) pcs 2.1.3. 500GB M.2 NVMe PCIe Gen3x4 SSD 2.1.3.1. Form factor: M.2 2280 2.1.3.2. Interface: NVMe PCIe Gen 3.0 x 4 Lanes 2.1.3.3. Capacities 500GB 2.1.3.4. NAND: 3D 2.1.3.5. Quantity: Two (2) pcs 2.1.4. 1TB Internal Hard Drive 2.1.4.1. Capacity : 1TB 2.1.4.2. Form Factor: 2.5 inch 2.1.4.3. Performance: Multi-Tier Caching technology 2.1.4.4. Key Feature: High capacity in small size 2.1.4.5. z-height: 7 mm, 15 mm 2.1.4.6. Interface: SATA 6GB/s interface 2.1.4.7. Quantity: Two (2) units 2.1.5. The NUC KIT must be brand new and unused.</p> <p>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. Defective units should be replaced fifteen (15) calendar days upon receipt of notice from end-users or DOST-ASTI Property and Supply Section. 3.3. 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 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 (NTP). 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 Goods not yet delivered under this Contract. 4.3. The price must be inclusive of government taxes and other charges.</p>				
2	<p>DC Jack for LTE Band 71 PCB Boards 1. GENERAL OVERVIEW 1.1. DOST-ASTI is seeking qualified and competent bidders for the Supply and Delivery of One (1) Pc of ADC Jack for LTE Band 71 PCB Boards, which shall be used as part of LokaLTE base station prototype. 1.2. The ABC is inclusive of all applicable government</p>	1	pc	10.00	10.00

	<p>taxes and services charges.</p> <p>2. SPECIFICATIONS</p> <p>2.1. The supplier must abide and meet the following specifications of the equipment:</p> <ul style="list-style-type: none"> 2.1.1. 2.1 mm Cable Mount DC Jack Plug 2A 2.1.2. Gender: Male 2.1.3. Size: 2.1 mm 2.1.4. Mounting type: Cable Mount 2.1.5. Type: DC 2.1.6. Body Orientation: Straight 2.1.7. Termination Method: Screw 2.1.8. Current Rating: 2A 2.1.9. Voltage Rating: 16 V 2.1.10. The DC Jack for LTE Band 71 PCB Boards 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. Defective units should be replaced fifteen (15) calendar days upon receipt of notice from end-users or DOST-ASTI Property and Supply Section.</p> <p>3.3. 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 (NTP).</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 Goods not yet delivered under this Contract.</p> <p>4.3. The price must be inclusive of government taxes and other charges.</p>				
3	<p>Outdoor Radio</p> <p>1. GENERAL OVERVIEW</p> <p>1.1. DOST-ASTI is seeking qualified and competent bidders for the Supply and Delivery of Four (4) Units of Outdoor Radio, which shall be used as part of LokaLTE base station prototype.</p> <p>1.2. The ABC is inclusive of all applicable government taxes and services charges.</p> <p>2. SPECIFICATIONS</p> <p>2.1. The supplier must abide and meet the following specifications of the equipment:</p> <ul style="list-style-type: none"> 2.1.1. Memory Information 32MB SDRAM, 8MB Flash 	4	unit	11550.00	46,200.00

	<p>2.1.2. Networking Interface 1 X 10/100 BASE-TX (Cat. 5, RJ-45) Ethernet</p> <p>2.1.3. RF Connector Integrated N-type Male Jack (connects directly to antenna)</p> <p>2.1.4. Max Power Consumption: 7 Watts</p> <p>2.1.5. Enclosure Size 15.2 x 3.7 x 3.1 cm (length, width, height)</p> <p>2.1.6. The Outdoor Radio 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. Defective units should be replaced fifteen (15) calendar days upon receipt of notice from end-users or DOST-ASTI Property and Supply Section.</p> <p>3.3. 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 (NTP).</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 Goods not yet delivered under this Contract.</p> <p>4.3. The price must be inclusive of government taxes and other charges.</p>				
4	<p>SMA Connector, Female, End Launch</p> <p>1. GENERAL OVERVIEW</p> <p>1.1. DOST-ASTI is seeking qualified and competent bidders for the supply and delivery of thirty (30) Pcs of SMA Connector, Female, End Launch, which shall be used as part of LokaLTE base station prototype.</p> <p>1.2. The ABC is inclusive of all applicable government taxes and services charges.</p> <p>2. SPECIFICATIONS</p> <p>2.1. The supplier must abide and meet the following specifications of the equipment:</p> <p>2.1.1. Connector type: Receptacle, Female Socket</p> <p>2.1.2. Mounting Type: Board Edge, End Launch</p> <p>2.1.3. Voltage rating: 500 V</p> <p>2.1.4. Body: Brass</p> <p>2.1.5. INSULATOR: PTFE</p> <p>2.1.6. The SMA Connector, Female, End</p>	30	pc	289.00	8,670.00

<p>Launch 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. Defective units should be replaced fifteen (15) calendar days upon receipt of notice from end-users or DOST-ASTI Property and Supply Section.</p> <p>3.3. 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 (NTP).</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 Goods not yet delivered under this Contract.</p> <p>4.3. The price must be inclusive of government taxes and other charges.</p>				
<p>5 Single Board Computer 4GB</p> <p>1. GENERAL OVERVIEW</p> <p>1.1. DOST-ASTI is seeking qualified and competent bidders for the Supply and Delivery of Four (4) Units of Single Board Computer 4GB, which shall be used as part of RuralCasting set-top box prototype.</p> <p>1.2. The ABC is inclusive of all applicable government taxes and services charges.</p> <p>2. SPECIFICATIONS</p> <p>2.1. The supplier must abide and meet the following specifications of the equipment:</p> <p>2.1.1. Memory: 4GB</p> <p>2.1.2. USB Interface: 2 x USB 2.0 Ports, 2 x USB 3.0 Ports</p> <p>2.1.3. CPU: 4x ARM Cortex-A72 64-bit 1.5 GHz</p> <p>2.1.4. GPU: Broadcom VideoCore VI @ 500 MHz</p> <p>2.1.5. Power Source: 5V via USB-C or GPIO header</p> <p>2.1.6. HDMI: 2x HDMI (rev 2.0) Via Micro-HDMI</p> <p>2.1.7. The Single Board Computer 4GB 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>	4	unit	15000.00	60,000.00

	<p>3.2. Defective units should be replaced fifteen (15) calendar days upon receipt of notice from end-users or DOST-ASTI Property and Supply Section.</p> <p>3.3. 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 (NTP).</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 Goods not yet delivered under this Contract.</p> <p>4.3. The price must be inclusive of government taxes and other charges.</p>				
6	<p>Single Board Computer Power Supply</p> <p>1. GENERAL OVERVIEW</p> <p>1.1. DOST-ASTI is seeking qualified and competent bidders for the Supply and Delivery of Four (4) Pcs of Single Board Computer Power Supply, which shall be used as part of RuralCasting set-top box prototype.</p> <p>1.2. The ABC is inclusive of all applicable government taxes and services charges.</p> <p>2. SPECIFICATIONS</p> <p>2.1. The supplier must abide and meet the following specifications of the equipment:</p> <p>2.1.1. AC 100-240V 50/60Hz input with US plugs</p> <p>2.1.2. DC 5.1V 3A output</p> <p>2.1.3. 15.3W maximum output power</p> <p>2.1.4. 1.5m 18 AWG cable</p> <p>2.1.5. USB-C output connector</p> <p>2.1.6. The Single Board Computer Power Supply 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. Defective units should be replaced fifteen (15) calendar days upon receipt of notice from end-users or DOST-ASTI Property and Supply Section.</p> <p>3.3. 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)</p>	4	pc	600.00	2,400.00

	<p>calendar days upon issuance of Notice to Proceed (NTP).</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 Goods not yet delivered under this Contract.</p> <p>4.3. The price must be inclusive of government taxes and other charges.</p>				
7	<p>Embedded Systems - Touch Screen Display for Single Board Computer</p> <p>1. GENERAL OVERVIEW</p> <p>1.1. DOST-ASTI is seeking qualified and competent bidders for the Supply and Delivery of Four (4) Units of Embedded Systems - Touch Screen Display for Single Board Computer, which shall be used as part of RuralCasting set-top box prototype.</p> <p>1.2. The ABC is inclusive of all applicable government taxes and services charges.</p> <p>2. SPECIFICATIONS</p> <p>2.1. The supplier must abide and meet the following specifications of the equipment:</p> <p>2.1.1. Size: 7inch</p> <p>2.1.2. Interface: 2 x Micro USB 1 x HDMI</p> <p>2.1.3. Resolution: 1024 x 600</p> <p>2.1.4. Package List:</p> <p>2.1.4.1. Screen</p> <p>2.1.4.2. Charging Cable</p> <p>2.1.4.3. HDMI Cable</p> <p>2.1.4.4. Screw Package</p> <p>2.1.4.5. Support Manual Disc</p> <p>2.1.5. The Embedded Systems - Touch Screen Display for Single Board Computer 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. Defective units should be replaced fifteen (15) calendar days upon receipt of notice from end-users or DOST-ASTI Property and Supply Section.</p> <p>3.3. 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 (NTP).</p> <p>4.2. Payment shall be made only upon certification/acceptance by End-user to the effect that</p>	4	unit	1100.00	4,400.00

	<p>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 Goods not yet delivered under this Contract.</p> <p>4.3. The price must be inclusive of government taxes and other charges.</p>				
8	<p>Storage Drive - 512 GB microSD Card Class 10</p> <p>1. GENERAL OVERVIEW</p> <p>1.1. DOST-ASTI is seeking qualified and competent bidders for the Supply and Delivery of Four (4) Units of Storage Drive - 512 GB microSD Card Class 10, which shall be used as part of RuralCasting set-top box prototype.</p> <p>1.2. The ABC is inclusive of all applicable government taxes and services charges.</p> <p>2. SPECIFICATIONS</p> <p>2.1. The supplier must abide and meet the following specifications of the equipment:</p> <p>2.1.1. Capacity: 512 GB</p> <p>2.1.2. Compatibility: Compatible with microSDHC, microSDXC, microSDHC UHS-I, and microSDXC UHS-I supporting host devices</p> <p>2.1.3. Dimensions (L x W x H): 10.92mm x 14.99mm x 1.02mm</p> <p>2.1.4. Sequential Read Performance: Up to 200MB/s</p> <p>2.1.5. Sequential Write Performance: Up to 140MB/s</p> <p>2.1.6. The Storage Drive - 512 GB microSD Card Class 10 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. Defective units should be replaced fifteen (15) calendar days upon receipt of notice from end-users or DOST-ASTI Property and Supply Section.</p> <p>3.3. 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 (NTP).</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</p>	4	unit	5700.00	22,800.00

	<p>be made for Goods not yet delivered under this Contract.</p> <p>4.3. The price must be inclusive of government taxes and other charges.</p>				
9	<p>ISDB-T USB Stick</p> <p>1. GENERAL OVERVIEW</p> <p>1.1. DOST-ASTI is seeking qualified and competent bidders for the Supply and Delivery of Five (5) Units of ISDB-T USB Stick, which shall be used as part of RuralCasting set-top box prototype.</p> <p>1.2. The ABC is inclusive of all applicable government taxes and services charges.</p> <p>2. SPECIFICATIONS</p> <p>2.1. The supplier must abide and meet the following specifications of the equipment:</p> <p>2.1.1. U2386: ATSC/NTSC/QAM</p> <p>2.1.2. A681B: ATSC/QAM</p> <p>2.1.3. T230C/A: DVB-T2 HEVC/T2/T/C</p> <p>2.1.4. HiDTV for Windows PC</p> <p>2.1.5. EyeTV 3/4 for Mac computer</p> <p>2.1.6. The ISDB-T USB Stick 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. Defective units should be replaced fifteen (15) calendar days upon receipt of notice from end-users or DOST-ASTI Property and Supply Section.</p> <p>3.3. 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 (NTP).</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 Goods not yet delivered under this Contract.</p> <p>4.3. The price must be inclusive of government taxes and other charges.</p>	5	unit	3000.00	15,000.00
10	<p>Nano Wireless USB Adapter with Soft AP</p> <p>1. GENERAL OVERVIEW</p> <p>1.1. DOST-ASTI is seeking qualified and competent bidders for the Supply and Delivery of Four (4) Units of Nano Wireless USB Adapter with Soft AP, which shall be used as part of RuralCasting Set top box prototype.</p> <p>1.2. The ABC is inclusive of all applicable government</p>	4	unit	750.00	3,000.00

	<p>taxes and services charges.</p> <p>2. SPECIFICATIONS</p> <p>2.1. The supplier must abide and meet the following specifications of the equipment:</p> <p>2.1.1. Interface: USB 2.0</p> <p>2.1.2. Dimensions (W x D x H): 15 x 7.1 x 18.6mm</p> <p>2.1.3. Antenna Type: Omni Directional</p> <p>2.1.4. Frequency: 5GHz, 2.4GHz</p> <p>2.1.5. AC600 Nano Wireless USB Adapter Archer T2U Nano</p> <p>2.1.6. The Nano Wireless USB Adapter 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. Defective units should be replaced fifteen (15) calendar days upon receipt of notice from end-users or DOST-ASTI Property and Supply Section.</p> <p>3.3. 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 (NTP).</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 Goods not yet delivered under this Contract.</p> <p>4.3. The price must be inclusive of government taxes and other charges.</p>				
11	<p>Embedded Evaluation Board</p> <p>1. GENERAL OVERVIEW</p> <p>1.1. DOST-ASTI is seeking qualified and competent bidders for the Supply and Delivery of two (2) Pcs of Embedded Evaluation Board, which shall be used as part of RuralCasting set-top box prototype.</p> <p>1.2. The ABC is inclusive of all applicable government taxes and services charges.</p> <p>2. SPECIFICATIONS</p> <p>2.1. The supplier must abide and meet the following specifications of the equipment:</p> <p>2.1.1. Processor: AM3358BZ100, 1GHZ</p> <p>2.1.2. Video Out: HDMI</p> <p>2.1.3. 512MB DDR3L 800MHZ</p>	2	pc	4650.00	9,300.00

- 2.1.4. Flash: 4GB eMMC, uSD
- 2.1.5. Power: 210-460 mA@5v
- 2.1.6. The Embedded Evaluation Board 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. Defective units should be replaced fifteen (15) calendar days upon receipt of notice from end-users or DOST-ASTI Property and Supply Section.
- 3.3. 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 (NTP).
- 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 Goods not yet delivered under this Contract.
- 4.3. The price must be inclusive of government taxes and other charges.

12	<p>Mini Base Board for RaspberryPi Compute Module 4</p> <p>1. GENERAL OVERVIEW</p> <p>1.1. DOST-ASTI is seeking qualified and competent bidders for the Supply and Delivery of Two (2) Pcs of Mini Base Board for RaspberryPi Compute Module 4, which shall be used as part of RuralCasting set-top box prototype.</p> <p>1.2. The ABC is inclusive of all applicable government taxes and services charges.</p> <p>2.1. The supplier must abide and meet the following specifications of the equipment:</p> <ul style="list-style-type: none"> 2.1.1. CM4 Socket: suitable for all variants of Compute Module 4 2.1.2. Networking: Gigabit Ethernet RJ45 connector 2.1.3. USB: USB 2.0 Type A × 2 2.1.4. Power Input: 5V 2.1.5. LCD port (40pin 0.5mm FPC connector) 2.1.6. The Mini Base Board for RaspberryPi Compute Module 4 unit must be brand new and unused. <p>3. WARRANTY</p> <p>3.1. All units must carry a six (6) months warranty for</p>	2	pc	2600.00	5,200.00
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	<p>other parts and services that covered defects in materials and workmanship.</p> <p>3.2. Defective units should be replaced fifteen (15) calendar days upon receipt of notice from end-users or DOST-ASTI Property and Supply Section.</p> <p>3.3. 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 (NTP).</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 Goods not yet delivered under this Contract.</p> <p>4.3. The price must be inclusive of government taxes and other charges.</p>				
13	<p>RF Cable (30 meters)</p> <p>1. GENERAL OVERVIEW</p> <p>1.1. 1.1. DOST-ASTI is seeking qualified and competent bidders for the Supply and Delivery of Six (6) Rolls of RF Cable (30 meters per roll), which shall be used as part of LokaLTE base station prototype.</p> <p>1.2. The ABC is inclusive of all applicable government taxes and services charges.</p> <p>2.1. The supplier must abide and meet the following specifications of the equipment:</p> <p>2.1.1. Frequency Range: 30 ~ 5800 Mhz</p> <p>2.1.2. Impedance: 50 ohms</p> <p>2.1.3. Capacitance: 24 pF/m</p> <p>2.1.4. Connector (Device): SMA-Male</p> <p>2.1.5. Connector (Antenna): N-Male</p> <p>2.1.6. The RF Cable (30 meters) 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. Defective units should be replaced fifteen (15) calendar days upon receipt of notice from end-users or DOST-ASTI Property and Supply Section.</p> <p>3.3. 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</p>	6	roll	2380.00	14,280.00

	<p>shall be made by the supplier within thirty (30) calendar days upon issuance of Notice to Proceed (NTP).</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 Goods not yet delivered under this Contract.</p> <p>4.3. The price must be inclusive of government taxes and other charges.</p>				
14	<p>USB 3.0 to Gigabit SuperSpeed Ethernet Network Adapter</p> <p>1. GENERAL OVERVIEW</p> <p>1.1. DOST-ASTI is seeking qualified and competent bidders for the Supply and Delivery of fourteen (14) Pcs of USB 3.0 to Gigabit SuperSpeed Ethernet Network Adapter, which shall be used as part of LokaLTE base station prototype.</p> <p>1.2. The ABC is inclusive of all applicable government taxes and services charges.</p> <p>2.1. The supplier must abide and meet the following specifications of the equipment:</p> <p>2.1.1. Output Interface Inclusions:</p> <p>2.1.1.1. 1 10/100/1000Mbps RJ45</p> <p>2.1.1.2. With Ethernet Port</p> <p>2.1.2. Input Interface: USB 3.0 Port</p> <p>2.1.3. Package contents:</p> <p>2.1.3.1. USB 3.0 to Gigabit Ethernet</p> <p>2.1.3.2. Network Adapter</p> <p>2.1.3.3. Quick Installation Guide</p> <p>2.1.4. The USB 3.0 to Gigabit SuperSpeed Ethernet Network Adapter 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. Defective units should be replaced fifteen (15) calendar days upon receipt of notice from end-users or DOST-ASTI Property and Supply Section.</p> <p>3.3. 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 (NTP).</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</p>	14	pc	1342.00	18,788.00

	<p>accordance with the terms of this Contract and have been duly inspected and accepted. No payment shall be made for Goods not yet delivered under this Contract.</p> <p>4.3. The price must be inclusive of government taxes and other charges.</p>				
15	<p>Omnidirectional antenna</p> <p>1. GENERAL OVERVIEW</p> <p>1.1. DOST-ASTI is seeking qualified and competent bidders for the Supply and Delivery of Six (6) Units of Omnidirectional Antenna, which shall be used as part of LokaLTE base station prototype.</p> <p>1.2. The ABC is inclusive of all applicable government taxes and services charges.</p> <p>2.1. The supplier must abide and meet the following specifications of the equipment:</p> <p>2.1.1. Frequency Range: 2300 ~ 2700 Mhz</p> <p>2.1.2. Application: Wifi / Wimax</p> <p>2.1.3. Gain: 10 dbi</p> <p>2.1.4. Polarization: Vertical</p> <p>2.1.5. The Omnidirectional antenna 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. Defective units should be replaced fifteen (15) calendar days upon receipt of notice from end-users or DOST-ASTI Property and Supply Section.</p> <p>3.3. 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 (NTP).</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 Goods not yet delivered under this Contract.</p> <p>4.3. The price must be inclusive of government taxes and other charges.</p>	6	unit	4000.00	24,000.00
16	<p>USB 3.0 3-Port Hub & Gigabit Ethernet Adapter 2 in 1 USB Adapter</p> <p>1. GENERAL OVERVIEW</p> <p>1.1. DOST-ASTI is seeking qualified and competent bidders for the Supply and Delivery of Seven (7) Pcs of USB 3.0 3-Port Hub & Gigabit Ethernet Adapter 2 in 1 USB Adapter, which shall be used as part of LokaLTE</p>	7	pc	1980.00	13,860.00

	<p>base station prototype.</p> <p>1.2. The ABC is inclusive of all applicable government taxes and services charges.</p> <p>2.1. The supplier must abide and meet the following specifications of the equipment:</p> <p>2.1.1. Output Interface Inclusions:</p> <p>2.1.1.1. 3 USB-A 3.0 Ports</p> <p>2.1.1.2. 1 Gigabit Ethernet Port</p> <p>2.1.2. Input Interface: 1 USB-A 3.0 Port</p> <p>2.1.3. Chipset: RTL8153</p> <p>2.1.4. Package contents:</p> <p>2.1.4.1. USB 3.0 3-Port Hub & Gigabit Ethernet Adapter</p> <p>2.1.4.2. Ethernet Adapter</p> <p>2.1.4.3. User Guide</p> <p>2.1.5. The USB 3.0 3-Port Hub & Gigabit Ethernet Adapter 2 in 1 USB Adapter 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. Defective units should be replaced fifteen (15) calendar days upon receipt of notice from end-users or DOST-ASTI Property and Supply Section.</p> <p>3.3. 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 (NTP).</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 Goods not yet delivered under this Contract.</p> <p>4.3. The price must be inclusive of government taxes and other charges.</p>				
17	<p>4W 4000mW 802.11b/g/n Wifi Wireless Amplifier Router 2.4Ghz WLAN signal booster Signal Booster</p> <p>1. GENERAL OVERVIEW</p> <p>1.1. DOST-ASTI is seeking qualified and competent bidders for the Supply and Delivery of Six (6) Pcs of 4W 4000mW 802.11b/g/n Wifi Wireless Amplifier Router 2.4Ghz WLAN Signal Booster, which shall be used as part of LokaLTE base station prototype.</p> <p>1.2. The ABC is inclusive of all applicable government taxes and services charges.</p>	6	pc	2475.00	14,850.00

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

- 2.1.1. 2.5dB ultra-low noise
- 2.1.2. Wide 6V to 16v operating input voltage range
- 2.1.3. 2.4Ghz
- 2.1.4. Package contents:
 - 2.1.4.1. 1x 4W WiFi Signal Booster
 - 2.1.4.2. 1x 9V 1A Power adapter
 - 2.1.4.3. 1x 20cm RG316 Cable
 - 2.1.4.4. 1x 5dBi Antenna
- 2.1.5. The 4W 4000mW 802.11b/g/n Wifi Wireless Amplifier Router 2.4Ghz WLAN signal booster and Signal Booster 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. Defective units should be replaced fifteen (15) calendar days upon receipt of notice from end-users or DOST-ASTI Property and Supply Section.

3.3. 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 (NTP).

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 Goods not yet delivered under this Contract.

4.3. The price must be inclusive of government taxes and other charges.

TOTAL APPROVED BUDGET FOR THE CONTRACT (ABC): **Php 532,758.00**

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.