



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

Kind of Procurement Activity:	Negotiated Procurement:Small-value Procurement		
Deadline of Submission of Bids:	Oct-10-2022, 2:00 PM		
RFQ No.:	22-10-4069	Date:	October-05-2022
PR No.:	ROAMER-22-09-14726	Date:	September-13-2022

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>Aluminum/Copper tube/rod</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) pcs. Aluminum/Copper tube/rod.</p> <p>1.2. Said unit shall be used for electronics prototyping</p> <p>1.3. The approved budget for the contract is inclusive of all applicable government taxes and service 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: Copper</p> <p>2.2. Diameter: 3 mm / 0.12 inch</p> <p>2.3. Length: 50 cm / 19.69 inch</p> <p>2.4. Purity: ≥99.9%</p> <p>2.5. Characteristics:</p> <p>2.5.1. High purity, fine microstructure</p> <p>2.5.2. Low oxygen content</p> <p>2.5.3. No air hole</p> <p>2.5.4. High porosity</p> <p>2.5.5. Loose, good electrical conductivity</p> <p>2.5.6. High surface accuracy of the mold</p>	3	pc	600.00	1,800.00

	<p>2.5.7. Have good thermal properties</p> <p>2.6. Package Includes:</p> <p>2.6.1. 1 x Piece Copper Round Rod</p> <p>3. Warranty</p> <p>3.1. Supplier warrants the item against defects in manufacturing and shipping and delivery issues.</p> <p>3.2. Defective and incorrect items shall be replaced.</p> <p>3.3. Warranty Period: at least six (6) months</p> <p>4. Payment and Delivery Terms</p> <p>4.1. Price is inclusive of government taxes, delivery, etc.</p> <p>4.2. Delivery: 30 days upon issuance of NTP</p>				
2	<p>Autonomous Developer Kit - Advanced (Silver)</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 Autonomous Developer Kit - Advanced (Silver).</p> <p>1.2. Said unit shall be used for electronics prototyping</p> <p>1.3. The approved budget for the contract is inclusive of all applicable government taxes and service 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. Operating System: Ubuntu 18.04, Jetpack 4.6</p> <p>2.2. CPU: 6-core NVIDIA Carmel ARM@v8.2 64-bit CPU 6MB L2 + 4MB L3</p> <p>2.3. GPU: 384-core NVIDIA Volta™ GPU with 48 Tensor Cores</p> <p>2.4. AI Performance: 21 TOPS</p> <p>2.5. Peripherals</p> <p>2.5.1. 1 x Gigabit LAN Ethernet port</p> <p>2.5.2. 4 x USB 3.1 Type-A ports</p> <p>2.5.3. 1 x HDMI port</p> <p>2.5.4. 1 x DP port</p> <p>2.6. Cooling fan: Included</p> <p>2.7. PCIe: 1 x1 (PCIe Gen3) + 1 x4 (PCIe Gen4), total 144 GT/s*</p> <p>2.8. CSI Camera: 2 x CSI Ports (15 pos, 1mm pitch, MIPI CSI-2), Up to 6 cameras (24 via virtual channels), 12 lanes (3x4 or 6x2) MIPI CSI-2, D-PHY 1.2 (up to 30 Gbps)</p> <p>2.9. RAM Storage: 8 GB 128-bit LPDDR4x, 59.7GB/s</p> <p>2.10. Module Storage: 16 GB eMMC 5.1</p> <p>2.11. Carrier Board Storage: Pre-installed 128GB (M.2 key M) NVME SSD</p> <p>2.12. Wifi: Pre-installed Wifi module and antenna M.2 KEY E 2230 (802.11ac, Dual Band, 80MHZ, MU-MIMO & Bluetooth 4.2)</p> <p>2.13. Networking: 10/100/1000 BASE-T Ethernet</p> <p>2.14. NVIDIA Gigabit Ethernet: 1 x RJ45 Gigabit Ethernet Connector (10/100/1000)</p> <p>2.15. Display: 2 multi-mode DP 1.4/eDP 1.4/HDMI 2.0</p> <p>2.16. Overall dimensions: 130mmx90mmx60mm</p> <p>2.17. Key Features:</p> <p>2.17.1. Whole Silver Aluminum Frame</p>	1	unit	77500.00	77,500.00

	<p>2.17.2. Portable Oval Size</p> <p>2.18. FAN Connect: 1 x Picoblade Header</p> <p>2.19. Connector Headers</p> <p>2.19.1. 1 x Jetson SODIMM connector, 260-pin</p> <p>2.19.2. 1 x CAN Bus Header (1x4, 2.54mm pitch, RA)</p> <p>2.19.3. 1 x Button Header (1x12, 2.54mm pitch, RA)</p> <p>2.19.4. 1 x USB Micro B, RA Female</p> <p>2.19.5. 1 x RTC Back-up Coin Cell Socket (CR1225)</p> <p>2.20. DC Power: 1 x DC Input Power TE Connector</p> <p>2.21. Parts list:</p> <p>2.21.1. 1 x Aluminium Frame</p> <p>2.21.2. 1 x Jetson Xavier NX module</p> <p>2.21.3. 1 x Heatsink</p> <p>2.21.4. 1 x Carrier board</p> <p>2.21.5. 1 x 19V/4.74A (MAX 90W) Power Adapter (Power cable not included)</p> <p>2.21.6. 2 x Antennas</p> <p>3. Warranty</p> <p>3.1. Supplier warrants the item against defects in manufacturing and shipping and delivery issues.</p> <p>3.2. Defective and incorrect items shall be replaced.</p> <p>3.3. Warranty Period: at least six (6) months</p> <p>4. Payment and Delivery Terms</p> <p>4.1. Price is inclusive of government taxes, delivery, etc.</p> <p>4.2. Delivery: 30 days upon issuance of NTP</p>				
3	<p>Autonomous Developer Kit - Advanced (Blue)</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 Autonomous Developer Kit - Advanced (Blue).</p> <p>1.2. Said unit shall be used for electronics prototyping</p> <p>1.3. The approved budget for the contract is inclusive of all applicable government taxes and service 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. Operating System: Ubuntu 18.04, Jetpack 4.6</p> <p>2.2. CPU: 6-core NVIDIA Carmel ARM@v8.2 64-bit CPU 6MB L2 + 4MB L3</p> <p>2.3. GPU: 384-core NVIDIA Volta™ GPU with 48 Tensor Cores</p> <p>2.4. AI Performance: 21 TOPS</p> <p>2.5. Peripherals</p> <p>2.5.1. 1 x Gigabit LAN Ethernet port</p> <p>2.5.2. 4 x USB 3.1 Type-A ports</p> <p>2.5.3. 1 x HDMI port</p> <p>2.5.4. 1 x DP port</p> <p>2.6. Cooling fan: Included</p> <p>2.7. PCIe: 1 x1 (PCIe Gen3) + 1 x4 (PCIe Gen4), total 144 GT/s*</p> <p>2.8. CSI Camera: 2 x CSI Ports (15 pos, 1mm pitch, MIPI CSI-2), Up to 6 cameras (24 via virtual channels), 12 lanes (3x4 or 6x2) MIPI CSI-2, D-PHY 1.2 (up to 30 Gbps)</p>	2	unit	77500.00	155,000.00

- 2.9. RAM Storage: 8 GB 128-bit LPDDR4x, 59.7GB/s
- 2.10. Module Storage: 16 GB eMMC 5.1
- 2.11. Carrier Board Storage: Pre-installed 128GB (M.2 key M) NVME SSD
- 2.12. Wifi: Pre-installed Wifi module and antenna M.2 KEY E 2230 (802.11ac, Dual Band, 80MHZ, MU-MIMO & Bluetooth 4.2)
- 2.13. Networking: 10/100/1000 BASE-T Ethernet
- 2.14. NVIDIA Gigabit Ethernet: 1 x RJ45 Gigabit Ethernet Connector (10/100/1000)
- 2.15. Display: 2 multi-mode DP 1.4/eDP 1.4/HDMI 2.0
- 2.16. Overall dimensions: 130mmx90mmx60mm
- 2.17. Key Features:
 - 2.17.1. Blue Aluminum Case
 - 2.17.2. Removable transparent cover
 - 2.17.3. Mounting hole design
- 2.18. FAN Connect: 1 x Picoblade Header
- 2.19. Connector Headers
 - 2.19.1. 1 x Jetson SODIMM connector, 260-pin
 - 2.19.2. 1 x CAN Bus Header (1x4, 2.54mm pitch, RA)
 - 2.19.3. 1 x Button Header (1x12, 2.54mm pitch, RA)
 - 2.19.4. 1 x USB Micro B, RA Female
 - 2.19.5. 1 x RTC Back-up Coin Cell Socket (CR1225)
- 2.20. DC Power: 1 x DC Input Power TE Connector
- 2.21. Parts list:
 - 2.21.1. 1 x Acrylic Cover
 - 2.21.2. 1 x Aluminium Frame
 - 2.21.3. 1 x Jetson Xavier NX module
 - 2.21.4. 1 x Heatsink
 - 2.21.5. 1 x Carrier board
 - 2.21.6. 1 x 19V/4.74A (MAX 90W) Power Adapter (Power cable not included)
 - 2.21.7. 2 x Antennas

- 3. Warranty
 - 3.1. Supplier warrants the item against defects in manufacturing and shipping and delivery issues.
 - 3.2. Defective and incorrect items shall be replaced.
 - 3.3. Warranty Period: at least six (6) months

- 4. Payment and Delivery Terms
 - 4.1. Price is inclusive of government taxes, delivery, etc.
 - 4.2. Delivery: 30 days upon issuance of NTP

TOTAL APPROVED BUDGET FOR THE CONTRACT (ABC): **Php 234,300.00**

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.