



DOST-ASTI Bids and Awards Committee
REQUEST FOR QUOTATION

Kind of Procurement Activity:	Negotiated Procurement:Small-value Procurement		
Deadline of Submission of Bids:	Oct-21-2024, 2:00 PM		
RFQ No.:	24-10-5044	Date:	October-17-2024
PR No.:	GAA-24-10-20097	Date:	October-07-2024

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>LiDAR module compatible with Raspberry Pi</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) Units of LiDAR module compatible with Raspberry Pi which will be part of prototype devices.</p> <p>1.2. The Approved Budget for the Contract (ABC) is inclusive of government taxes and all applicable charges.</p> <p>2. TECHNICAL SPECIFICATIONS</p> <p>2.1. Must be compatible with Raspberry Pi</p> <p>2.2. Distance Measuring Range: 0.02mm – 12m</p> <p>2.3. Scanning Frequency: 5-13 Hz</p> <p>2.4. Ranging Accuracy: 30mm</p> <p>2.5. Ranging Frequency: 4500Hz</p> <p>2.6. Scanning Angle: 360 degrees</p> <p>3. WARRANTY AND AFTERSALES SUPPORT</p> <p>3.1. Any repair or replacement service must be</p>	2	unit	6500.00	13,000.00

	<p>successfully done within thirty (30) calendar days upon receipt of notice from DOST-ASTI.</p> <p>3.2. The end-user must be able to request technical support by phone, email, or through a website.</p> <p>3.3. The LiDAR module must have at least one (1) year of warranty from the time of delivery which covers defects in materials and workmanship. Warranty service shall commence from the date of end-user acceptance.</p> <p>4. DELIVERY AND PAYMENT TERMS</p> <p>4.1. The goods must be delivered sixty (60) calendar days upon issuance of Notice to Proceed.</p> <p>4.2. Full payment will only be processed once the item is completely delivered, inspected, and accepted by the end-user. No payment shall be made for items not delivered under this contract.</p>				
2	<p>Upconverter</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) Units of Upconverter which will be part of prototype devices.</p> <p>1.2. The ABC is inclusive of government taxes and all applicable charges.</p> <p>2. TECHNICAL SPECIFICATIONS</p> <p>2.1. RF Input: 1kHz to 60 MHz</p> <p>2.2. IF Frequency: 120 MHz – Positive Image</p> <p>2.3. Technology: Switched Double Balanced Mixer</p> <p>2.4. Conversion Loss: 5.2 dB typ.</p> <p>2.5. 35 dBm IIP3</p> <p>2.6. LO Leakage: -42dBm typ. (12 dB lower than the original SpyVerter)</p> <p>2.7. Phase Noise at 10kHz Separation: -122 dBc/Hz</p> <p>2.8. RF Filtering: Low Pass Filter with corner at 65 MHz – 75dB ultimate rejection</p> <p>2.9. IF Filtering: Band Pass Filter with corners at 120 MHz and 180 MHz – 75dB ultimate rejection</p> <p>2.10. Max RF Power: 10 dBm</p> <p>2.11. Bias-tee Voltage: 4.2v to 5.5v</p> <p>2.12. Current Consumption: 10mA typ.</p> <p>3. WARRANTY AND AFTERSALES SUPPORT</p> <p>3.1. Any repair or replacement service must be successfully done within thirty (30) calendar days upon receipt of notice from DOST-ASTI.</p> <p>3.2. The end-user must be able to request technical support by phone, email, or through a website.</p> <p>3.3. The upconverter must have at least one (1) year of warranty from the time of delivery which covers defects in materials and workmanship. Warranty service shall commence from the date of end-user acceptance.</p>	2	unit	6000.00	12,000.00

	<p>4. DELIVERY AND PAYMENT TERMS</p> <p>4.1. The goods must be delivered sixty (60) calendar days upon issuance of Notice to Proceed.</p> <p>4.2. Full payment will only be processed once the item is completely delivered, inspected, and accepted by the end-user. No payment shall be made for items not delivered under this contract.</p>				
3	<p>Surveying Antenna</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) Units of Surveying Antenna which will be part of prototype devices.</p> <p>1.2. The ABC is inclusive of government taxes and all applicable charges.</p> <p>2. TECHNICAL SPECIFICATIONS</p> <p>2.1. Supported positioning signal bands:</p> <p>2.1.1. GPS: L1, L2</p> <p>2.1.2. GLONASS: G1, G2</p> <p>2.1.3. BeiDou: B1, B2</p> <p>2.1.4. Galileo: E1, E5b</p> <p>2.1.5. QZSS: L1, L2</p> <p>2.1.6. SBAS: WAAS, EGNOS, MSAS and GAGAN</p> <p>2.2. Polarization: RHCP</p> <p>2.3. Peak Gain: 5dBi</p> <p>2.4. Axial Ratio @ Zenith: <3dB</p> <p>2.5. Azimuth Coverage: 360 degrees</p> <p>2.6. Impedance: 50 ohm</p> <p>2.7. Phase Center Error: ±3mm</p> <p>2.8. Connector: TNC Female</p> <p>3. ACCESSORIES</p> <p>3.1. Includes a one (1) TNC male to SMA male connector cable.</p> <p>4. WARRANTY AND AFTERSALES SUPPORT</p> <p>4.1. Any repair or replacement service must be successfully done within thirty (30) calendar days upon receipt of notice from DOST-ASTI.</p> <p>4.2. The end-user must be able to request technical support by phone, email, or through a website.</p> <p>4.3. The surveying antenna must have at least one (1) year of warranty from the time of delivery which covers defects in materials and workmanship. Warranty service shall commence from the date of end-user acceptance.</p> <p>5. DELIVERY AND PAYMENT TERMS</p>	2	unit	12000.00	24,000.00

	<p>5.1. The goods must be delivered sixty (60) calendar days upon issuance of Notice to Proceed.</p> <p>5.2. Full payment will only be processed once the item is completely delivered, inspected, and accepted by the end-user. No payment shall be made for items not delivered under this contract.</p>				
4	<p>DVB-T Receiver with antenna 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) Units of DVB-T Receiver with antenna kit which will be part of prototype devices.</p> <p>1.2. The ABC is inclusive of government taxes and all applicable charges.</p> <p>2. TECHNICAL SPECIFICATIONS</p> <p>2.1. Can tune to signals from 500 kHz up to 1.7 GHz</p> <p>2.2. Sampling Rate: 3.2 MHz (2.4 MHz stable)</p> <p>2.3. Crystal Oscillator: 1 PPM TCXO</p> <p>2.4. Compatible with SDR#, HDSDR, SDR-Radio, GQRX or SDR Touch. Works on Windows, OSX, Linux, Android and computers like the Raspberry Pi</p> <p>3. ACCESSORIES</p> <p>3.1. One (1) portable multi-purpose dipole antenna set.</p> <p>3.1.1. The dipole set includes one (1) dipole base and telescopic antennas</p> <p>3.2. Extension cable</p> <p>3.3. One (1) Flex tripod mount</p> <p>3.4. One (1) Suction cup mount.</p> <p>4. WARRANTY AND AFTERSALES SUPPORT</p> <p>4.1. Any repair or replacement service must be successfully done within thirty (30) calendar days upon receipt of notice from DOST-ASTI.</p> <p>4.2. The end-user must be able to request technical support by phone, email, or through a website.</p> <p>4.3. The DVB-T receiver with antenna kit must have at least one (1) year of warranty from the time of delivery which covers defects in materials and workmanship. Warranty service shall commence from the date of end-user acceptance.</p> <p>5. DELIVERY AND PAYMENT TERMS</p> <p>5.1. The goods must be delivered on or before 29 November 2024.</p> <p>5.2. Full payment will only be processed once the item is completely delivered, inspected, and accepted by the end-user. No payment shall be made for items not delivered under this contract.</p>	3	unit	4300.00	12,900.00

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.

