



**ASTI-FM 03-10
REV 4/ 9 MAR 2022**

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

Kind of Procurement Activity:	Negotiated Procurement:Small-value Procurement		
Deadline of Submission of Bids:	May-10-2024, 2:00 PM		
RFQ No.:	24-05-4796	Date:	May-03-2024
PR No.:	GAA-24-04-19143	Date:	April-26-2024

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>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 shall serve as part of the SAGAP prototype.</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 by and meet the following minimum specifications:</p> <p>2.1.1. Antenna element</p> <p>2.1.1.1. Supported positioning signal bands:</p> <p>2.1.1.1.1. GPS: L1, L2</p>	2	unit	12750.00	25,500.00

2.1.1.1.2. GLONASS: G1, G2

2.1.1.1.3. BeiDou: B1, B2

2.1.1.1.4. Galileo: E1, E5b

2.1.1.1.5. QZSS: L1, L2

2.1.1.1.6. SBAS: WAAS, EGNOS, MSAS and GAGAN

2.1.1.2. Polarization: RHCP

2.1.1.3. Peak Gain: 5dBi

2.1.1.4. Axial Ratio @ Zenith: <3dB

2.1.1.5. Azimuth Coverage: 360 degrees

2.1.1.6. Impedance: 50 ohm

2.1.1.7. Phase Center Error: ± 1 mm

2.1.1.8. Calibration File available

2.1.2. Electrical

2.1.2.1. Supply Voltage: 3-12V

2.1.2.2. Typical supply current @ 3V: 45mA

2.1.2.3. Average LNA Gain: 40dB

2.1.2.4. Maximum Noise Figure: 1.5dB

2.1.2.5. Maximum VSWR: 2

2.1.3. Mechanical

2.1.3.1. Connector: TNC female

2.1.3.2. Cable Length: Includes 1.5 meter cable terminated in SMA male

2.1.4. Environmental

2.1.4.1. Operating Temperature: -40 to +85°C

2.1.4.2. Storage Temperature: -40 to +85°C

2.1.4.3. IP Rating: IP67 (excluding air vent in screw hole, which can be sealed when installed)

2.1.4.4. RoHS: Yes

	<p>3. WARRANTY</p> <p>3.1. All units must carry 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>4. PAYMENT AND DELIVERY TERMS</p> <p>4.1. Delivery of goods 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 processed upon certification/acceptance by the end-user that the goods are delivered in accordance with the terms of this contract and are duly inspected and accepted. No payment shall be made for goods not delivered under this contract.</p> <p>4.3. The price must be inclusive of government taxes and other charges.</p>				
2	<p>QZSS Correction Receiver</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 QZSS Correction Receiver, which shall serve as part of the SAGAP 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 by and meet the following minimum specifications:</p> <p>2.1.1. Frequency: 1.222GHz ~ 1.232GHz, 1.273GHz ~ 1.283GHz</p> <p>2.1.2. Sensitivity: -154dBm</p> <p>2.1.3. Modulation or Protocol: GNSS</p> <p>2.1.4. Data Rate (Max): 912.6kbps</p> <p>2.1.5. Voltage - Supply: 2.7V ~ 3.6V</p> <p>2.1.6. Communication Interface: UART/USB/I2C/SPI</p>	2	unit	4730.00	9,460.00

2.1.7. Communication Speed: Up to 921600 baud UART, USB 2.0, SPI 125 kB/s, I2C 400 kbit/s

2.1.8. Must support L2C and L6 QZSS signal bands.

2.1.9. The QZSS Correction Receiver must be brand new and unused.

3. WARRANTY

3.1. All units must carry 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.

3.2.1. Defective units are 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 shall be made by the supplier within thirty (30) calendar days upon issuance of NTP.

4.2. Payment shall be processed upon certification/acceptance by the end-user that the goods are delivered in accordance with the terms of this contract and are duly inspected and accepted. No payment shall be made for goods not delivered under this contract.

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

3	<p>AIS 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 AIS Antenna, which shall serve as part of the SAGAP 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 by and meet the following minimum specifications:</p> <p>2.1.1. Best Use: VHF</p>	2	unit	16500.00	33,000.00
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2.1.2. Elements: Copper

2.1.3. Gain: 6 Decibels

2.1.4. Lead: 15' RG-58 Cable with PL-259 Connector

2.1.5. Length: 8'

2.1.6. The AIS Antenna must be brand new and unused.

3. WARRANTY

3.1. All units must carry 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.

3.2.1. Defective units are 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 shall be made by the supplier within thirty (30) calendar days upon issuance of NTP.

4.2. Payment shall be processed upon certification/acceptance by the end-user that the goods are delivered in accordance with the terms of this contract and are duly inspected and accepted. No payment shall be made for goods not 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 67,960.00

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.