



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

Kind of Procurement Activity:	Negotiated Procurement:Small-value Procurement		
Deadline of Submission of Bids:	Sep-20-2023, 2:00 PM		
RFQ No.:	23-09-4534	Date:	September-15-2023
PR No.:	GAA-23-09-17593	Date:	September-12-2023

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>Single Board Computer 8GB RAM</p> <p>1. GENERAL OVERVIEW</p> <p>1.1. DOST-ASTI is seeking qualified and competent bidders for the Supply and Delivery of One (1) unit Single Board Computer 8GB RAM, to be used as prototype's microcomputer.</p> <p>1.2. The Approved Budget for the Contract (ABC) is inclusive of all taxes and applicable charges.</p> <p>2. TECHNICAL SPECIFICATIONS</p> <p>2.1. 8GB RAM</p> <p>2.2. 64-bit quad-core processor</p> <p>2.3. 1.5GHz with built-in metal heatsink</p> <p>2.4. USB 3 ports</p> <p>2.5. Dual-band 2.4GHz</p> <p>2.6. 5GHz wireless LAN</p> <p>3. WARRANTY AND AFTER SALES SUPPORT</p> <p>3.1. Supplier warrants the items against defects in manufacturing and shipping and delivery issues.</p> <p>3.2. Defective and incorrect items shall be replaced by the supplier within fifteen (15) calendar days upon receipt of notice from the end-user or DOST-ASTI Property and Supply Section.</p> <p>3.3. Must carry at least three (3) months warranty.</p>	1	unit	7689.00	7,689.00

	<p>4. PAYMENT AND DELIVERY TERMS</p> <p>4.1. The price of the bid must be inclusive of government taxes and other charges.</p> <p>4.2. Delivery of goods shall be made by the supplier within thirty (30) calendar days upon issuance of Notice to Proceed (NTP).</p> <p>4.3. Government terms. Payment upon complete delivery.</p>				
2	<p>Analog TDS Sensor meter for microcontroller</p> <p>1. GENERAL OVERVIEW</p> <p>1.1. DOST-ASTI is seeking qualified and competent bidders for the Supply and Delivery of Three (3) units Analog TDS Sensor/Meter for Microcontroller, to be used as prototyping component to sense the total dissolved solid level of the liquid.</p> <p>1.2. The ABC is inclusive of government taxes and other charges.</p> <p>2. TECHNICAL SPECIFICATIONS</p> <p>2.1. Input Voltage: 3.3V - 5V</p> <p>2.2. Output Voltage: 0 ~ 2.3V</p> <p>2.3. Working Current: 3 ~ 6mA</p> <p>2.4. TDS Measurement Range: 0 ~ 1000ppm</p> <p>2.5. TDS Measurement Accuracy: ± 10% F.S. (25)</p> <p>2.6. Waterproof probe</p> <p>3. WARRANTY AND AFTER SALES SUPPORT</p> <p>3.1. Supplier warrants the items against defects in manufacturing and shipping and delivery issues.</p> <p>3.2. Defective and incorrect items shall be replaced by the supplier within fifteen (15) calendar days upon receipt of notice from the end-user or DOST-ASTI Property and Supply Section.</p> <p>3.3. Must carry at least three (3) months warranty.</p> <p>4. PAYMENT AND DELIVERY TERMS</p> <p>4.1. The price of the bid must be inclusive of government taxes and other charges.</p> <p>4.2. Delivery of goods shall be made by the supplier within thirty (30) calendar days upon issuance of NTP.</p> <p>4.3. Government terms. Payment upon complete delivery.</p>	3	unit	990.00	2,970.00
3	<p>Industrial PH Probe</p> <p>1. GENERAL OVERVIEW</p> <p>1.1. DOST-ASTI is seeking qualified and competent bidders for the Supply and Delivery of One (1) unit Industrial pH Probe, to be used as prototyping component to sense the pH quality level of the liquid.</p> <p>1.2. The ABC is inclusive of government taxes and other charges.</p> <p>2. TECHNICAL SPECIFICATIONS</p> <p>2.1. Measuring Range :0 – 14PH</p> <p>2.2. Measuring Temperature: 0 – 60 °C</p> <p>2.3. Resolution: +/- 0.001</p> <p>2.4. Resolution: +/- 0.001</p> <p>2.5. Response Time: 95% in 1s</p> <p>2.6. Temperature Range °C: 1 – 99 °C</p>	1	unit	19100.00	19,100.00

	<p>2.7. Max Pressure: 100 PSI 2.8. Max Depth: 70m (230 ft) 2.9. Connector: Tinned Leads 2.10. Cable Length: 3 Meters (10')</p> <p>3. WARRANTY AND AFTER SALES SUPPORT 3.1. Supplier warrants the items against defects in manufacturing and shipping and delivery issues. 3.2. Defective and incorrect items shall be replaced by the supplier within fifteen (15) calendar days upon receipt of notice from the end-user or DOST-ASTI Property and Supply Section. 3.3. Must carry at least three (3) months warranty.</p> <p>4. PAYMENT AND DELIVERY TERMS 4.1. The price of the bid must be inclusive of government taxes and other charges. 4.2. Delivery of goods shall be made by the supplier within thirty (30) calendar days upon issuance of NTP. 4.3. Government terms. Payment upon complete delivery.</p>				
4	<p>PH Circuit 1. GENERAL OVERVIEW</p> <p>1.1. DOST-ASTI is seeking qualified and competent bidders for the Supply and Delivery of One (1) unit pH Circuit, to be used in the circuit development and prototyping of plantform. 1.2. The ABC is inclusive of government taxes and other charges.</p> <p>2. TECHNICAL SPECIFICATIONS 2.1. Reads: pH 2.2. Range: .001 – 14.000 2.3. Resolution: .001 2.4. Accuracy: +/- 0.002 2.5. Response Time: 1 Reading per Sec 2.6. Supported Probes: Any Type and Brand 2.7. Data Protocol: UART & I2C 2.8. Default I2C Address: 99 (0x63) 2.9. Operating Voltage: 3.3V – 5V 2.10. Data Format: ASCII 2.11. Circuit Dimensions: 13.97mm x 20.16mm (0.55" x 0.79") 2.12. Weight: 1.76 Grams</p> <p>3. WARRANTY AND AFTER SALES SUPPORT 3.1. Supplier warrants the items against defects in manufacturing and shipping and delivery issues. 3.2. Defective and incorrect items shall be replaced by the supplier within fifteen (15) calendar days upon receipt of notice from the end-user or DOST-ASTI Property and Supply Section. 3.3. Must carry at least three (3) months warranty.</p> <p>4. PAYMENT AND DELIVERY TERMS 4.1. The price of the bid must be inclusive of government taxes and other charges. 4.2. Delivery of goods shall be made by the supplier within thirty (30) calendar days upon issuance of NTP.</p>	1	unit	3400.00	3,400.00

	4.3. Government terms. Payment upon complete delivery.				
5	<p>Industrial Conductivity probe</p> <p>1. GENERAL OVERVIEW</p> <p>1.1. DOST-ASTI is seeking qualified and competent bidders for the Supply and Delivery of One (1) unit Industrial Conductivity Probe, to be used as prototyping component to sense the conductivity level of the liquid.</p> <p>1.2. The ABC is inclusive of government taxes and other charges.</p> <p>2. TECHNICAL SPECIFICATIONS</p> <p>2.1. Range: 0.07 – 50,000 $\mu\text{S}/\text{cm}$</p> <p>2.2. Accuracy: +/- 2%</p> <p>2.3. Response Time: 90% in 1s</p> <p>2.4. Temperature Range °C: 0 – 60 °C</p> <p>2.5. Max Pressure: 200 PSI</p> <p>2.6. Max Depth: 141m (463 ft)</p> <p>2.7. Connector: Tinned Leads</p> <p>2.8. Cable Length: 3 Meters (10')</p> <p>2.9. Pipe Fitting: 3/4" Threaded NPT</p> <p>3. WARRANTY AND AFTER SALES SUPPORT</p> <p>3.1. Supplier warrants the items against defects in manufacturing and shipping and delivery issues.</p> <p>3.2. Defective and incorrect items shall be replaced by the supplier within fifteen (15) calendar days upon receipt of notice from the end-user or DOST-ASTI Property and Supply Section.</p> <p>3.3. Must carry at least three (3) months warranty.</p> <p>4. PAYMENT AND DELIVERY TERMS</p> <p>4.1. The price of the bid must be inclusive of government taxes and other charges.</p> <p>4.2. Delivery of goods shall be made by the supplier within thirty (30) calendar days upon issuance of NTP.</p> <p>4.3. Government terms. Payment upon complete delivery.</p>	1	unit	19200.00	19,200.00
6	<p>Conductivity Circuit</p> <p>1. GENERAL OVERVIEW</p> <p>1.1. DOST-ASTI is seeking qualified and competent bidders for the Supply and Delivery of One (1) unit Conductivity Circuit, to be used in the circuit development and prototyping of plantform.</p> <p>1.2. The ABC is inclusive of government taxes and other charges.</p> <p>2. TECHNICAL SPECIFICATIONS</p> <p>2.1. Reads: Conductivity = $\mu\text{S}/\text{cm}$ Total Dissolved Solids = ppm Salinity = PSU (ppt) 0.00 – 42.00 Specific Gravity (Sea Water Only) = 1.00 – 1.300"</p> <p>2.2. Range: 0.07 – 500,000+ $\mu\text{S}/\text{cm}$</p> <p>2.3. Accuracy: +/- 2%</p> <p>2.4. Response Time: 1 reading per sec</p> <p>2.5. Supported Probes: K 0.01 – K 10.2 any brand</p> <p>2.6. Data Protocol: UART & I2C</p> <p>2.7. Default I2C Address: 100 (0x64)</p>	1	unit	4100.00	4,100.00

	<p>2.8. Operating Voltage: 3.3V – 5V 2.9. Data Format: ASCII 2.10. Circuit Dimensions: 13.97mm x 20.16mm (0.55" x 0.79") 2.11. Weight: 1.77 grams</p> <p>3. WARRANTY AND AFTER SALES SUPPORT 3.1. Supplier warrants the items against defects in manufacturing and shipping and delivery issues. 3.2. Defective and incorrect items shall be replaced by the supplier within fifteen (15) calendar days upon receipt of notice from the end-user or DOST-ASTI Property and Supply Section. 3.3. Must carry at least three (3) months warranty.</p> <p>4. PAYMENT AND DELIVERY TERMS 4.1. The price of the bid must be inclusive of government taxes and other charges. 4.2. Delivery of goods shall be made by the supplier within thirty (30) calendar days upon issuance of NTP. 4.3. Government terms. Payment upon complete delivery.</p>				
7	<p>Industrial Dissolved Oxygen Probe</p> <p>1. GENERAL OVERVIEW 1.1. DOST-ASTI is seeking qualified and competent bidders for the Supply and Delivery of One (1) unit Industrial Dissolved Oxygen Probe, to be used as prototyping component to sense the dissolved oxygen level of the liquid. 1.2. The ABC is inclusive of government taxes and other charges.</p> <p>2. TECHNICAL SPECIFICATIONS 2.1. Reads: Dissolved Oxygen 2.2. Range: 0 – 100 mg/L 2.3. Accuracy: +/- 0.05 mg/L 2.4. Response Time: ~0.1 mg/L/per sec 2.5. Temperature Range °C: 1 – 99 °C 2.6. Max Pressure: 300 PSI 2.7. Max Depth: 212m (694 ft) 2.8. Connector: Tinned Leads 2.9 Cable Length: 3 Meters (10') 2.10 Internal Temperature Sensor: Yes (PT-1000) 2.11 Time Before Recalibration: ~1 Year 2.12 Life Expectancy: ~4 Years 2.13 Maintenance: ~18 Months</p> <p>3. WARRANTY AND AFTER SALES SUPPORT 3.1. Supplier warrants the items against defects in manufacturing and shipping and delivery issues. 3.2. Defective and incorrect items shall be replaced by the supplier within fifteen (15) calendar days upon receipt of notice from the end-user or DOST-ASTI Property and Supply Section. 3.3. Must carry at least three (3) months warranty.</p> <p>4. PAYMENT AND DELIVERY TERMS 4.1. The price of the bid must be inclusive of government taxes and other charges. 4.2. Delivery of goods shall be made by the supplier</p>	1	unit	28850.00	28,850.00

	within thirty (30) calendar days upon issuance of NTP. 4.3. Government terms. Payment upon complete delivery.				
8	<p>Dissolved Oxygen Circuit</p> <p>1. GENERAL OVERVIEW</p> <p>1.1. DOST-ASTI is seeking qualified and competent bidders for the Supply and Delivery of One (1) unit Dissolved Oxygen Circuit, to be used in the circuit development and prototyping of platform.</p> <p>1.2. The ABC is inclusive of government taxes and other charges.</p> <p>2. TECHNICAL SPECIFICATIONS</p> <p>2.1. Range: 0.01 – 100+ mg/L 0.1 – 400+ % saturation"</p> <p>2.2. Accuracy: +/- 0.05 mg/L</p> <p>2.3. Response Time: 1 reading per sec</p> <p>2.4. Supported Probes: Any galvanic probe</p> <p>2.5. Data Protocol: UART & I2C</p> <p>2.6. Default I2C Address: 97 (0x61)</p> <p>2.7. Operating Voltage: 3.3V – 5V</p> <p>2.8. Data Format: ASCII</p> <p>2.9. Circuit Dimensions: 13.97mm x 20.16mm (0.55" x 0.79")</p> <p>2.10. Weight: 1.77 grams</p> <p>3. WARRANTY AND AFTER SALES SUPPORT</p> <p>3.1. Supplier warrants the items against defects in manufacturing and shipping and delivery issues.</p> <p>3.2. Defective and incorrect items shall be replaced by the supplier within fifteen (15) calendar days upon receipt of notice from the end-user or DOST-ASTI Property and Supply Section.</p> <p>3.3. Must carry at least three (3) months warranty.</p> <p>4. PAYMENT AND DELIVERY TERMS</p> <p>4.1. The price of the bid must be inclusive of government taxes and other charges.</p> <p>4.2. Delivery of goods shall be made by the supplier within thirty (30) calendar days upon issuance of NTP.</p> <p>4.3. Government terms. Payment upon complete delivery.</p>	1	unit	4100.00	4,100.00
TOTAL APPROVED BUDGET FOR THE CONTRACT (ABC):					Php 89,409.00

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.