



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

Kind of Procurement Activity:	Negotiated Procurement:Small-value Procurement		
Deadline of Submission of Bids:	May-12-2023, 2:00 PM		
RFQ No.:	23-05-4353	Date:	May-08-2023
PR No.:	GAA-23-04-16603	Date:	April-25-2023

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>Main Controller</p> <p>1. GENERAL</p> <p>1.1. DOST-ASTI is seeking qualified and competent bidders for the Supply and Delivery of Two (2) Sets Main Controller, which will be used in the prototyping of Electronic Vehicle Conversion (EVCon).</p> <p>1.2. The Approved Budget for the Contract (ABC) is inclusive of all applicable government fees, taxes and other charges.</p> <p>2. TECHNICAL SPECIFICATIONS</p> <p>2.1. The brain of the system, taking care of overall decisions, control, monitoring and communication.</p> <p>2.2. Nominal Voltage: 24-48 VDC</p> <p>2.3. Peak Current 1 Minute: 220A</p> <p>2.4. Continuous Current: 112A</p> <p>2.5. Max Operating Voltage: 60V</p> <p>3. PACKAGE INCLUSION</p> <p>3.1. Two(2) Set - Main Controller, which includes the following per set:</p> <p>3.1.1. One (1) pc – Main Controller</p> <p>3.1.2. One (1) pc – Instruction Manual</p> <p>4. PAYMENT AND DELIVERY TERMS</p>	2	set	28325.00	56,650.00

	<p>4.1. Item must be delivered within forty-five (45) calendar days upon issuance of Notice to Proceed (NTP) at EPDC Bldg., MIRDC Compound, Bicutan, Taguig City.</p> <p>4.2. Government terms. Full payment will only be processed once completely delivered, inspected, and accepted by the end-user.</p>				
2	<p>Cordless Impact Wrench Set</p> <p>1. GENERAL</p> <p>1.1. DOST-ASTI is seeking qualified and competent bidders for the Supply and Delivery of One (1) Set Cordless Impact Wrench Set, which will be used in the prototyping of EVCon.</p> <p>1.2. The ABC includes all applicable government fees, taxes, and other charges.</p> <p>2. TECHNICAL SPECIFICATIONS</p> <p>2.1. Hand-held instruments that are used to drive screws quickly.</p> <p>2.2. Voltage: 20V</p> <p>2.3. Square Drive: 1/2"</p> <p>2.4. No-Load-Speed: 0-1300/0-2300/min</p> <p>2.5. Impact Rate: 0-2000/0-3300bpm</p> <p>2.6. Max Torque: 300NM</p> <p>2.7. 20V Lithium-Ion 2.0Ah batteries</p> <p>2.8. Warranty: One (1) year from the date of delivery</p> <p>3. PACKAGE INCLUSION</p> <p>3.1. One (1) Set - Cordless Impact Wrench Set</p> <p>3.1.1. One(1) pc - Cordless Impact Wrench</p> <p>3.1.2. One(1) pc - Battery.</p> <p>3.1.3. One(1) pc - Charger.</p> <p>4. PAYMENT AND DELIVERY TERMS</p> <p>4.1. Must be delivered within forty-five (45) calendar days upon issuance of NTP at EPDC Bldg., MIRDC Compound, Bicutan, Taguig City.</p> <p>4.2. Government terms. Full payment will only be processed once completely delivered, inspected, and accepted by the end user.</p>	1	set	21175.00	21,175.00
3	<p>Cordless Hammer Drill Set</p> <p>1. GENERAL</p> <p>1.1. DOST-ASTI is seeking qualified and competent bidders for the Supply and Delivery of One (1) Set Cordless Hammer Drill Set, which will be used to prototype EVCon.</p> <p>1.2. The ABC includes all applicable government fees, taxes, and other charges.</p> <p>2. TECHNICAL SPECIFICATIONS</p> <p>2.1. A drill that includes a mechanism creating a pounding that helps to drill into masonry and metal.</p> <p>2.2. Power: 20V</p> <p>2.3. Battery Capacity: 1.3 Ah</p> <p>2.4. Max Torque: 29 N.m</p> <p>2.5. Capacity: 13mm Chuck</p> <p>2.6. No-Load Speed: 0-400/0-1350 rpm</p> <p>2.7. Warranty: One (1) year from date of delivery</p>	1	set	16500.00	16,500.00

	<p>3. PACKAGE INCLUSION</p> <p>3.1. One (1) Set - Cordless Hammer Drill Set</p> <p>3.1.1 One(1) pc – Cordless Hammer</p> <p>3.1.2. One(1) pc – Battery.</p> <p>3.1.3. One(1) pc – Charger.</p> <p>4. PAYMENT AND DELIVERY TERMS</p> <p>4.1. Must be delivered within forty-five (45) calendar days upon issuance of NTP at EPDC Bldg., MIRDC Compound, Bicutan, Taguig City.</p> <p>4.2. Government terms. Full payment will only be processed once completely delivered, inspected, and accepted by the end user.</p>				
4	<p>Handheld Grinder/Sander</p> <p>1. GENERAL</p> <p>1.1. DOST-ASTI is seeking qualified and competent bidders for the Supply and Delivery of One (1) Set Handheld Grinder/Sander, which will be used in the prototyping of EVCon.</p> <p>1.2. The ABC is inclusive of all applicable government fees, taxes and other charges.</p> <p>2. TECHNICAL SPECIFICATIONS</p> <p>2.1. A handheld power tool used for grinding (abrasive cutting) and polishing.</p> <p>2.2. Voltage: 220-240V~50/60Hz</p> <p>2.3. Input Power: 840W</p> <p>2.4. No-Load Speed: 11000rpm</p> <p>2.5. Disc Diameter: 100mm</p> <p>2.6. Spindle Thread: M10</p> <p>2.7. Warranty: One (1) year from the date of delivery</p> <p>3. PACKAGE INCLUSION</p> <p>3.1. One (1) Set - Handheld Grinder/Sander</p> <p>3.1.1. One(1) pc – Handheld Grinder/Sander</p> <p>3.1.2. One(1) pc – Lock Nut Wrench.</p> <p>3.1.3. One(1) pc – Grip.</p> <p>4. PAYMENT AND DELIVERY TERMS</p> <p>4.1. The Bidder shall supply all items with specifications equal to or better than as specified above.</p> <p>4.2. Must be delivered within forty-five (45) calendar days upon issuance of NTP at EPDC Bldg., MIRDC Compound, Bicutan, Taguig City.</p> <p>4.3. Government terms. Full payment will only be processed once completely delivered, inspected, and accepted by the end-user.</p>	1	set	4800.00	4,800.00
5	<p>Bench Vise</p> <p>1. GENERAL</p> <p>1.1. DOST-ASTI is seeking qualified and competent bidders for the Supply and Delivery of Bench Vise, which will be used in the prototyping of EVCon.</p> <p>1.2. The ABC includes all applicable government fees, taxes, and other charges.</p> <p>2. TECHNICAL SPECIFICATIONS</p>	1	pc	4928.00	4,928.00

	<p>2.1. A mechanical apparatus is used to secure an object to be worked on.</p> <p>2.2. Material: Ductile Iron</p> <p>2.3. Jaw Opening: Up to 100mm</p> <p>2.4. Handle Length: 165 mm</p> <p>2.5. 360 degrees rotating head</p> <p>2.6. Warranty: One (1) year from the date of delivery</p> <p>3. PAYMENT AND DELIVERY TERMS</p> <p>3.1. Must be delivered within forty-five (45) calendar days upon issuance of NTP at EPDC Bldg., MIRDC Compound, Bicutan, Taguig City.</p> <p>3.2. Government terms. Full payment will only be processed once completely delivered, inspected, and accepted by the end user.</p>				
6	<p>Multipurpose Grease</p> <p>1. GENERAL</p> <p>1.1. DOST-ASTI is seeking qualified and competent bidders for the Supply and Delivery of Multipurpose Grease, which will be used in the prototyping of EVCon.</p> <p>1.2. The ABC includes all applicable government fees, taxes, and other charges.</p> <p>2. TECHNICAL SPECIFICATIONS</p> <p>2.1. A solid or semisolid lubricant is formed as a dispersion of thickening agents in a liquid lubricant.</p> <p>2.2. Size/Weight: 2 kg</p> <p>3. PAYMENT AND DELIVERY TERMS</p> <p>3.1. Must be delivered within forty-five (45) calendar days upon issuance of NTP at EPDC Bldg., MIRDC Compound, Bicutan, Taguig City.</p> <p>3.2. Government terms. Full payment will only be processed once completely delivered, inspected, and accepted by the end user.</p>	1	btl	1053.80	1,053.80
7	<p>Cable Ties</p> <p>1. GENERAL</p> <p>1.1. DOST-ASTI is seeking qualified and competent bidders for the Supply and Delivery of Five (5) Packs of Cable Ties, which will be used in the prototyping of EVCon.</p> <p>1.2. The ABC includes all applicable government fees, taxes, and other charges.</p> <p>2. TECHNICAL SPECIFICATIONS</p> <p>2.1. Used to fasten or bind several electronic cables or wires together or to route cables and wires together in a manageable format.</p> <p>2.2. Size/Length: 66 x 300 mm</p> <p>2.3. Color: Black</p> <p>3. PACKAGE INCLUSION</p> <p>3.1. Five (5) Packs of Cable Ties with 100 pcs cable ties per pack.</p> <p>4. PAYMENT AND DELIVERY TERMS</p> <p>4.1. Must be delivered within forty-five (45) calendar</p>	5	pack	456.50	2,282.50

	<p>days upon issuance of NTP at EPDC Bldg., MIRDC Compound, Bicutan, Taguig City.</p> <p>4.2. Government terms. Full payment will only be processed once completely delivered, inspected, and accepted by the end user.</p>				
8	<p>Bench Grinder</p> <p>1. GENERAL</p> <p>1.1. DOST-ASTI is seeking qualified and competent bidders for the Supply and Delivery of Bench grinders, which will be used in the prototyping of EVCon.</p> <p>1.2. The ABC includes all applicable government fees, taxes, and other charges.</p> <p>2. TECHNICAL SPECIFICATIONS</p> <p>2.1. A benchtop type of grinding machine used to drive abrasive wheels.</p> <p>2.2. Continuous Rating Input: 550W</p> <p>2.3. Wheel Diameter: 205 mm</p> <p>2.4. Wheel Width: 19 mm</p> <p>2.5. Hole Diameter: 15.88 mm</p> <p>2.6. HP: 3/4</p> <p>2.7. Voltage Rating: 220VAC</p> <p>2.8. Warranty: One (1) year from the date of delivery</p> <p>3. PACKAGE INCLUSION</p> <p>3.1. One (1) Set - Bench Grinder</p> <p style="padding-left: 40px;">3.1.1. One (1) pc – Bench Grinder.</p> <p style="padding-left: 40px;">3.1.2. One (1) pc – adjuster Wrench.</p> <p>4. PAYMENT AND DELIVERY TERMS</p> <p>4.1. The Bidder shall supply all items with the specifications equal to or better than as specified above.</p> <p>4.2. Must be delivered within forty-five (45) calendar days upon issuance of Notice to Proceed at EPDC Bldg., MIRDC Compound, Bicutan, Taguig City.</p> <p>4.3. Government terms. Full payment will only be processed once completely delivered, inspected, and accepted by the end user.</p>	1	set	16390.00	16,390.00
9	<p>Spot Welding Machine</p> <p>1. GENERAL</p> <p>1.1. DOST-ASTI is seeking qualified and competent bidders for the Supply and Delivery of One (1) Set Spot-Welding Machine, which will be used in the prototyping of EVCon.</p> <p>1.2. The ABC includes all applicable government fees, taxes, and other charges.</p> <p>2. TECHNICAL SPECIFICATIONS</p> <p>2.1. Used to weld two metals at a single spot.</p> <p>2.2. Input Voltage: 110V/220V</p> <p>2.3. Power: 3.6KW</p> <p>2.4. Maximum Welding Thickness: 0.3mm</p> <p>2.5. Welding Current: 120A-1100A</p> <p>2.6. Application: Battery pack welding</p> <p>2.7. Warranty: One (1) year from the date of delivery</p> <p>3. PACKAGE INCLUSION</p> <p>3.1. One (1) Set - Spot Welding Machine</p>	1	set	25294.50	25,294.50

	<p>3.1.1. One (1) pc – Spot Welding Machine.</p> <p>3.1.2. One (1) pc – Foot Pedal</p> <p>3.1.3. One (1) pc – Telescopic Arm</p> <p>3.1.4. Two (2) pcs – Connecting Cable.</p> <p>4. PAYMENT AND DELIVERY TERMS</p> <p>4.1. Must be delivered within forty-five (45) calendar days upon issuance of NTP at EPDC Bldg., MIRDC Compound, Bicutan, Taguig City.</p> <p>4.2. Government terms. Full payment will only be processed once completely delivered, inspected, and accepted by the end user.</p>				
10	<p>Optocoupler</p> <p>1. GENERAL</p> <p>1.1. DOST-ASTI is seeking qualified and competent bidders for the Supply and Delivery of the Optocoupler, which will be used in the prototyping of EVCon.</p> <p>1.2. The ABC includes all applicable government fees, taxes, and other charges.</p> <p>2. TECHNICAL SPECIFICATIONS</p> <p>2.1. A device containing light-emitting and light-sensitive components, used to couple isolated circuits.</p> <p>2.2. Mounting Style: SMD/SMT</p> <p>2.3. Package / Case: SMT-4</p> <p>2.4. Number of Channels: 1 Channel</p> <p>2.5. Isolation Voltage: 5000 Vrms</p> <p>2.6. Output Type: Photodarlington</p> <p>2.7. If - Forward Current: 50 mA</p> <p>2.8. Vf - Forward Voltage: 1.4 V</p> <p>2.9. Maximum Collector Emitter Voltage: 300 V</p> <p>2.10. Maximum Collector Current: 150 mA</p> <p>2.11. Maximum Collector Emitter Saturation</p> <p>2.12. Voltage: 1.2 V</p> <p>2.13. Rise Time: 300 us</p> <p>2.14. Fall Time: 100 us</p> <p>2.15. Vr - Reverse Voltage: 6 V</p> <p>2.16. Pd - Power Dissipation: 200 mW</p> <p>2.17. Operating Temperature: - 30°C to 100°C</p> <p>3. PAYMENT AND DELIVERY TERMS</p> <p>3.1. Must be delivered within forty-five (45) calendar days upon issuance of NTP at EPDC Bldg., MIRDC Compound, Bicutan, Taguig City.</p> <p>3.2. Government terms. Full payment will only be processed once completely delivered, inspected, and accepted by the end user.</p>	10	pc	77.00	770.00
11	<p>2 Position Wire to Board Terminal Block Horizontal with Board</p> <p>1. GENERAL</p> <p>1.1. DOST-ASTI is seeking qualified and competent bidders for the Supply and Delivery of Fifty (5) Pieces of Two (2) Position Wires to Board Terminal Block Horizontal with Board, which will be used in the prototyping of EVCon.</p> <p>1.2. The ABC includes all applicable government fees,</p>	50	pc	72.05	3,602.50

taxes, and other charges.

2. TECHNICAL SPECIFICATIONS

- 2.1. Used to connect wires or cables to a circuit board or other electrical device.
- 2.2. Number of Levels: 1
- 2.3. Positions Per Level: 2 2.4. Pitch: 0.197" (5.00mm)
- 2.5. Mating Orientation: Horizontal with Board
- 2.6. Current: 15 A
- 2.7. Voltage: 300 V
- 2.8. Wire Gauge: 14-22 AWG
- 2.9. Mounting Type: Through Hole
- 2.10. Wire Termination: Screw - Leaf Spring, Wire Guard
- 2.11. Features: Interlocking (Side)
- 2.12. Operating Temperature: -30°C ~ 105°C
- 2.13. Screw Thread: M2.6

3. PAYMENT AND DELIVERY TERMS

- 4.2. Must be delivered within forty-five (45) calendar days upon issuance of NTP at EPDC Bldg., MIRDC Compound, Bicutan, Taguig City.
- 4.3. Government terms. Full payment will only be processed once completely delivered, inspected, and accepted by the end user.

TOTAL APPROVED BUDGET FOR THE CONTRACT (ABC):

Php 153,446.30

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.