



ASTI-FM 03-10  
REV 3/13 January 2020

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

<b>Kind of Procurement Activity:</b>	Negotiated Procurement: Small-value Procurement		
<b>Deadline of Submission of Bids:</b>	Oct-22-2021, 2:00 PM		
<b>RFQ No.:</b>	21-10-3593	<b>Date:</b>	October-18-2021
<b>PR No.:</b>	SAR-AIS-21-10-12389	<b>Date:</b>	October-08-2021

The Department of Science and Technology (DOST) - Advanced Science and Technology Institute (ASTI), through its Bids and Awards Committee (BAC), intends to procure the item/s listed below. As such, suppliers, contractors, or distributors are invited to submit their quotation/s duly signed by authorized representative. Prospective bidder/s who will submit a proposal with the single/lowest calculated and responsive quotation shall be selected. Guidelines on the format and eligibility documents are listed at the box below the item/s to be procured.

Quotations may be sent via **a)** electronic mail at bac-sec@asti.dost.gov.ph, **b)** fax message, or **c)** delivering documents to the BAC Secretariat. For further inquiries, you may contact +63 2 249-8500 local 1206/1212 or +63 2 426-7423.

Thank you.

Respectfully,

**GERWIN P. GUBA**  
BAC Chairman

NO.	TECHNICAL SPECIFICATIONS	QTY	UNIT	UNIT PRICE(Php)	TOTAL PRICE(Php)
1	<p><b>Programmable Power Distribution Unit</b> Programmable Power Distribution Unit</p> <p>1. GENERAL OVERVIEW</p> <p>1.1. The SAR with AIS Project is seeking qualified and competent bidders for the Supply and Delivery of three (3) Programmable Power Distribution Units.</p> <p>1.2. The Programmable Power Distribution Units are intelligent 230V outlets. Each outlet can be controlled independently via LAN Ethernet or RS-232. It has metering capabilities to monitor the following parameters: V, A, kWh, Hz, TruePF.</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 indicated herein are minimum requirements, unless otherwise specified.</p> <p>2. TECHNICAL SPECIFICATIONS</p> <p>2.1. The Programmable Power Distribution Unit must be/have:</p> <p>2.1.1. Power Input: 1x IEC320 C14, 110/230V (10A)</p> <p>2.1.2. Power Output: 4x IEC-320 C13 (max 10A)</p> <p>2.1.3. Switching Element: 4x SPST-NO relay, ZCS</p> <p>2.1.4. IOC (Output State Independent on FW Updates): Yes</p> <p>2.1.5. ZCS (Zero Current Switching): Yes</p>	1	lot	100000.00	100,000.00

- 2.1.6. Configurable Default State of Each Output: On / Off / LAST state
- 2.1.7. SPD – Surge p-Protection: Yes, Type 3
- 2.1.8. LAN: 2x RJ45 (Built-in Switch)
- 2.1.9. RS-232: Yes [Three (3) pins]
- 2.1.10. Web: Built-in Web Server
- 2.1.11. Supports Mobile App: Yes (iOS / Android)
- 2.1.12. Supports LED Indicators: Yes (For Each Output)
- 2.1.13. M2M API Protocols: SNMP v1/v3, Telnet, Modbus/TCP, SIP VoIP
- 2.1.14. M2M API – HTTP(s): XML, JSON, URL API (http get)
- 2.1.15. M2M API – Cloud: MQTT
- 2.1.16. Lua Support: Yes (User Scripts)
- 2.1.17. Control of Outputs via RS-232: Yes, Using a Lua script – NETIO AN18
- 2.1.18. Scheduler Function: Yes
- 2.1.19. IP Watchdog Function: Yes
- 2.1.20. Sending E-mails: Yes (TLS)
- 2.1.21. Enhanced Security: Several password levels, HTTPS, IP filtering
- 2.1.22. Energy Metering: Yes, 18 Parameters (2 + 4x4)
- 2.1.23. Measured Parameters: Grid frequency [Hz], Voltage [V] + For Each Output: Current [A] / 3.1.25 Energy [kWh] / Input power [W] / TruePF [-]
- 2.1.24. Measurement Accuracy: <1%
- 2.1.25. Internal Consumption: 2 to 5W

### 3. ACCESSORIES

- 3.1. Each unit must include at least one (1) power cable (UK Type G variant)

### 4. WARRANTY AND AFTER SALES SUPPORT

- 4.1. All Programmable Power Distribution unit must carry six (6) months warranty for other parts and services that covered defects in materials and workmanship.
- 4.2. Replacement units should be provided for defective units, fifteen (15) calendar days upon receipt of notice from End-users/DOST-ASTI Property and Supply Section.
  - 4.2.1. Defective units may be defined as units not working upon testing or units that have failed to work after testing within seven (7) calendar days from purchase.
- 4.3. End- users must be able to request technical support by phone or email.

### 5. PAYMENT AND DELIVERY TERMS

- 5.1. Delivery of Goods and/or performance of services shall be made by the supplier within thirty (30) calendar days upon issuance of Notice to Proceed.
- 5.2. The Programmable Power Distribution unit must be brand new and unused.
- 5.3. Testing upon delivery may be conducted in the presence of the end-user or a representative of the end-user.
- 5.4. Both delivery and testing must be conducted within the delivery terms specified.

5.5. Payment shall be made only upon certification/acceptance by End User to the effect that the Goods have been rendered or delivered in accordance with the terms of this Contract and have been duly inspected and accepted. No payment shall be made for services not yet rendered or for the supplies and material not yet delivered under this Contract.

5.6. The price of the bid must be inclusive of government tax and fees.

**TOTAL APPROVED BUDGET FOR THE CONTRACT:**

**Php 100,000.00**

### **GUIDELINES**

#### **A. Submission of Quotations**

1. Quotation/s shall include the Request for Quotation and/or the Purchase Request Number as state above;
2. Pictures or brand/model names or numbers, if applicable, should be specified in the quotation/s; and
3. Quotation/s must be signed by the company's duly authorized representative.

#### **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, as amended by Government Procurement Policy Board Resolution No. 21-2017 dated 30 May 2017, 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
  - ✓ PhilGEPS Platinum Membership Certificate including Annex "A". If not available, the following alternate documents may be submitted:
    - PhilGEPS Registration Number
    - Mayor's Permit
      - For individuals/professionals engaged under Section 53.6, 53.7 and 53.9 of the 2016 IRR of RA No. 9184, only the Bureau of Internal Revenue (BIR) Certificate of Registration shall be submitted in lieu of the Mayor's Permit.
2. Upon issuance of Notice of Award (NOA)
  - ✓ Omnibus Sworn Statement
    - Applicable only for bidders who have submitted their quotation on item/s with a total Approved Budget for the Contract (ABC) of above Php50,000.00.
  - ✓ Income/Business Tax Return
    - Applicable only for: **a**) bidders who have submitted their quotation on item/s with a total ABC of above Php500,000.00; and **b**) bidders for Lease of Real Property and Venue (except for government agencies as lessors).

#### **For Procurement of Infrastructure**

1. The requirements for Goods with the same submission indicated therein; and
2. Valid Philippine Contractors Accreditation Board License.

#### **For Procurement of Consulting Services**

1. The requirements for Goods with the same submission indicated therein; and
2. Valid Professional Regulation Commission License or Curriculum Vitae.

**NOTE:** For new suppliers, submit a BIR Certificate of Registration for accounting purposes.

**C. Terms and Conditions**

1. Additional requirements, if necessary, may be requested by the BAC depending on the item to be bid;
2. For all kinds of procurement, the bidder who passed the bid evaluation, shall submit a duly notarized Omnibus Sworn Statement upon issuance of NOA, unless otherwise provided;
3. All transactions are subject to creditable withholding tax and final Value Added Tax or percentage tax per revenue regulation/s of the BIR;
4. A penalty of one-tenth of one percent (0.001) of the total value of the undelivered goods/services shall be charged as liquidated damages for every day of delay of the delivery; and
5. The DOST-ASTI reserves the right to accept or reject any proposal, to annul the bidding process, and to reject all proposals at any time prior to contract award, without thereby incurring any liability to the affected proponent or proponents.