



Republic of the Philippines  
**DEPARTMENT OF AGRICULTURE**  
***Western Visayas***

## **INVITATION TO BID**

### **PROCUREMENT OF WORKS FOR THE ESTABLISHMENT OF POBLACION ILAYA SOLAR-POWERED IRRIGATION SYSTEM (SPIS)**

1. The Department of Agriculture-Western Visayas, through the **General Appropriations Act of 2023**, intends to apply the sum of **Five Million Four Hundred Forty-Five Thousand Five Hundred Forty-Four Pesos and 55/100 (Php 5,445,544.55)** being the Approved Budget for the Contract (ABC) to payments under the contract for **Procurement of Works for the Establishment of Poblacion Ilaya Solar-Powered Irrigation System (SPIS)/IB No. 2023-036(AMV)** to be constructed at Brgy. Poblacion Ilaya, Dao, Capiz.

Bids received in excess of the ABC shall be automatically rejected at bid opening.

2. The **Department of Agriculture-Western Visayas** now invites bids for the **Procurement of Works for the Establishment of Poblacion Ilaya Solar-Powered Irrigation System (SPIS)** at Brgy. Poblacion Ilaya, Dao, Capiz with the following specifications:

**A. Solar Power Module (21,600 WP, Minimum)**

**1. 21,600 WP Total Solar Power Modules (Minimum)**

**Seventy-Two (72) pieces Solar Modules at 300 WP or its equivalent.**

2. Manufactured in ISO 9001 – Certified Factories
3. Must be CE marked
4. Must have TUV Certification (IEC 61215)
5. Cell type: Mono-crystalline

**B. Inverter and Controller (20.0 HP, Minimum)**

**1 Unit – 20.0 HP (Minimum) inverter with System Monitoring:**

1. Pump is running
2. Input power and alarm indication for; service needed in case of no contact to pump, overvoltage, over temperature and overload and dry running.
3. Maximum Power Point Tracking (MPPT)
4. AC/DC compatibility
5. Overcurrent Protection;
6. No load protection
7. Operation History Memory
8. Enclosure Class IP66
9. Sine wave Filter
10. RS485 / Ethernet Capability

### C. Submersible Pump (15.0 HP, Minimum)

#### Pump

##### 1. 1 unit – 15.0 hp (Minimum) Submersible Pump

2. Single Stage, Centrifugal Pump of Closed Couple (Monobloc)
3. Suction Flange: DN150
4. Capacity: 128.41 cu.m/hr (566 gpm), Minimum
5. Total Dynamic Head: 29.10 m (95.36 ft), Minimum
6. Pump Efficiency: 79%, minimum

#### Motor Specification: Built into Pump

1. Built-in frequency converter
2. Can be supplied by either DC or AC voltage source
3. Inverter and control unit must be integrated in the motor
4. Built-in Maximum Power Point Tracking (MPPT)
5. Enclosure class: IP68

#### Motor Protection:

The built-in electronic unit must protect the motor in case of: (as standard, without additional equipment)

1. Dry running
2. Over and under voltage
3. Overload
4. Over-temperature

#### **\* Note:**

- Must be AMTEC Tested (System Test) upon completion.

Completion of the Works is required **within 98 calendar days** from receipt of Notice to Commence. Bidders should have completed a contract similar to the Project. The description of an eligible bidder is contained in the Bidding Documents, particularly, in Section II (Instructions to Bidders).

3. Bidding will be conducted through open competitive bidding procedures using non-discretionary “*pass/fail*” criterion as specified in the 2016 revised Implementing Rules and Regulations (IRR) of Republic Act (RA) No. 9184.
4. Interested bidders may obtain further information from Department of Agriculture-Western Visayas and inspect the Bidding Documents at the address given below from **8:00 a.m. to 5:00 p.m.**
5. A complete set of Bidding Documents may be acquired by interested bidders on **April 25, 2023 – May 16, 2023** from given address and website/s below and upon payment of the applicable fee for the Bidding Documents, pursuant to the latest Guidelines issued by the GPPB, in the amount of **Ten Thousand Pesos (Php 10,000.00)**. The Procuring Entity shall allow the bidder to present its proof of payment for the fees **in person**.
6. The Department of Agriculture-Western Visayas will hold a Pre-Bid Conference<sup>1</sup> at **1:00 p.m. on May 2, 2023** at the **RCPC Library, RCPC Building, DA WESVIARC Compound, Brgy. Buntatala, Jaro, Iloilo City**, which shall be open to prospective bidders.

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<sup>1</sup> May be deleted in case the ABC is less than One Million Pesos (PhP1,000,000) where the Procuring Entity may not hold a pre-bid conference.

7. Bids must be duly received by the BAC Secretariat through **manual submission** at the office address indicated below or **online or electronic (pdf file) submission** as indicated below, on or before **1:00 p.m. on May 16, 2023**. Late bids shall not be accepted.
8. All bids must be accompanied by a bid security in any of the acceptable forms and in the amount of **Php 108,910.90** (if the bid security is in the form of cash, cashier's/manager's check, bank draft/guarantee or irrevocable letter of credit) or **Php 272,277.25** (if the bid security is in the form of surety bond).

In lieu of a bid security, the bidder may submit a duly notarized **Bid Securing Declaration** that is an undertaking which states, among others, that the bidder shall enter into contract with the procuring entity and furnish the required performance security within 10 calendar days from receipt of the notice of award, and committing to pay the corresponding fine and be suspended for a period of time from being qualified to participate in any government procurement activity in the event that it violates any of the conditions stated therein as required in the guidelines issued by the GPPB.

9. Bid opening shall be at **1:00 p.m. on May 16, 2023** at the given address below. Bids will be opened in the presence of the bidders' representatives who choose to attend the activity.
10. The **Department of Agriculture-Western Visayas** 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 Implementing Rules and Regulations (IRR) of RA No. 9184, without thereby incurring any liability to the affected bidder or bidders.
11. The **Department of Agriculture** does not condone any forms of solicitation on any prospective winning and losing bidders by any of our staff/employees or any other party. Any sort of this kind shall be reported immediately to the Office of the Secretary or the National Bureau of Investigation (NBI) for entrapment and proper investigation.
12. For further information, please refer to:

**Zarlina B. Cuello**  
**BAC Chairperson**  
DA-WESVIARC Compound  
Brgy. Buntatala, Jaro  
Iloilo City  
Tel. No. (033) 320-23-73  
Fax No. (033) 320-94-69  
[www.westernvisayas.da.gov.ph](http://www.westernvisayas.da.gov.ph)  
[procurement@wv.da.gov.ph](mailto:procurement@wv.da.gov.ph)

13. You may visit the following websites:

For downloading of Bidding Documents: **PhilGEPS**

For online bid submission: **procurement@wv.da.gov.ph**

**April 25, 2023**

**ZARLINA B. CUELLO**  
**BAC Chairperson**