



Republic of the Philippines  
**DEPARTMENT OF AGRICULTURE**  
**REGIONAL FIELD OFFICE NO. 5**  
 San Agustin, Pili, Camarines Sur, 4418  
<http://bicol.da.gov.ph>

## SECOND INVITATION TO BID

### *For the Supply, Delivery & Installation of two (2) units Solar Irrigation System under 2019 HVCDP*

- The *Department of Agriculture Regional Field Office No. 5* through the *GAA 2019<sup>1</sup>* intends to apply the sum of *One Million Two Hundred Thousand Pesos (Php 1,200,000.00)* being the Approved Budget for the Contract (ABC) to payments under the contract for the supply, delivery & installation of 2 units Solar Irrigation System under HVCDP.

The above-mentioned procurement project is particularly described as follows:

No	Description	QTY	ABC (Php) (inclusive of VAT)	Funding Source	Bid Security: Cash/Cas hier's/Ma nager's Check, Bank Draft /Guarant ee, Irrevocabl e Letter of Credit (2%) (Php)	Bid Security: Surety Bond (5%) (Php)	Cost/Price of Bid Document s (cash payment only) (Php)
ITEM 1	Solar-Powered Irrigation System	2 units	600,000.00/unit	GAA 2019 HVCDP			
	<b>TOTAL</b>		<b>1,200,000.00</b>		24,000.00	60,000.00	1,000.00

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

The Department of Agriculture Regional Field Office No. 5 now invites bids for the item stated:

No.	Description	QTY	Location of Project	Specifications	Delivery of the Goods
Item 1	Solar-Powered Irrigation System	2 units	DA RFO-5	<p><b>1.PUMP: Submersible pump</b></p> <p><b>a. Capacity of at least 20 m<sup>3</sup> per day at the following condition:</b></p> <ul style="list-style-type: none"> <li>-Total dynamic head: 40m (minimum)</li> <li>-Pump efficiency: 50% (minimum)</li> <li>-Pump Diameter: 74mm maximum</li> </ul> <p><b>b. Motor specification: Built into the pump</b></p> <ul style="list-style-type: none"> <li>-built-in frequency converter</li> <li>-can be supplied by either DC or AC voltage source</li> <li>-built-in maximum power point tracking (MPPT)</li> <li>-rated voltage AC 90-240V and rated voltage DC 30-300V</li> <li>-enclosure class: IP 68</li> </ul> <p><b>c. Motor Protection:</b></p> <p>the built-in electronic unit must protect the motor in case of:</p> <p>(as standard, without additional equipment)</p> <ul style="list-style-type: none"> <li>-dry running</li> <li>-over and under voltage</li> <li>-overload</li> <li>-over-temperature</li> </ul> <p><b>2.SOLAR POWERED MODULES</b></p> <ul style="list-style-type: none"> <li>-1000 WP total solar power modules (minimum) or its equivalent</li> <li>-manufactured in ISO 9001-certified factories</li> <li>-must be CE marked</li> <li>-must have TUV certification (IEC 61215)</li> <li>-cell type: Poly-crystalline</li> </ul> <p><b>3.CONTROL UNIT AND LEVEL CONTROLLER</b></p> <p>With system monitoring for:</p> <ul style="list-style-type: none"> <li>-water reservoir is full (level switch)</li> <li>-pump is running</li> <li>-input power and alarm indication for; service needed in case of no contact to pump, over voltage, over temperature and overload and dry running</li> </ul> <p><b>4.CABLING &amp; ACCESSORIES for installation of solar pump system</b></p> <p><b>5.ADDITIONAL ACCESSORIES</b></p> <ul style="list-style-type: none"> <li>-dark color PE tanks (2,000 li capacity) with 2 meters height platform or its equivalent</li> </ul>	60 cd

				-outlet assembly, 4 pcs x 25mm diameter gate valve -2 rolls (120m) 50mm dia HDPE pipe SDR 11 (delivery pipes from pump to water tank ) or its equivalent 6.DELIVERY AND INSTALLATION 7. Bidders must have 4 years minimum experience in the solar pump irrigation business industry 8. duly notarized Certification of availability and location of stock 10. List of service center (with service contract) 11. AMTEC tested (results for pump and solar panel) 12.Drilling and installation of appropriate casing	

2. The *Department of Agriculture Regional Field Office No. 5* now invites bids for *Supply, Delivery & installation of 2 units Solar-Powered Irrigation System with complete specifications under 2019 HVCDP*. Delivery of the Goods is required **within sixty (60) calendar days upon receipt of the Notice to Proceed (NTP)**. Bidders should have completed, within **two (2) years** from the date of submission and receipt of bids, 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 a non-discretionary “pass/fail” criterion as specified in the 2016 Revised Implementing Rules and Regulations (IRR) of Republic Act (RA) 9184, otherwise known as the “Government Procurement Reform Act”.
4. Bidding is restricted to Filipino citizens/sole proprietorships, partnerships, or organizations with at least sixty percent (60%) interest or outstanding capital stock belonging to citizens of the Philippines, and to citizens or organizations of a country the laws or regulations of which grant similar rights or privileges to Filipino citizens, pursuant to RA 5183.
5. Interested bidders may obtain further information from *Department of Agriculture Regional Field Office No. 5* and inspect the Bidding Documents at the address given below during **Mondays – Fridays, 8:00 AM to 5:00 PM**
6. A complete set of Bidding Documents may be acquired by interested Bidders **on 27 November 2018 to 17 December 2018 (10:00AM)** from the address 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 **Php 1,000.00**.  
  
It may also be downloaded free of charge from the website of the Philippine Government Electronic Procurement System (PhilGEPS) and the website of the Procuring Entity, provided that Bidders shall pay the applicable fee for the Bidding Documents not later than the submission of their bids.
7. The *Department of Agriculture Regional Field Office No. 5* will hold a **Pre-Bid Conference on December 3, 2018 at 1:30 in the afternoon at DA RFO-5 Library Research Building, San Agustin, Pili, Cam. Sur, which** shall be open to prospective bidders.

8. Bids must be duly received by the BAC Secretariat at the address below on or before **December 17, 2018 at 1:00 in the afternoon**. All Bids must be accompanied by a bid security in any of the acceptable forms and in the amount stated in **ITB Clause Error! Reference source not found.**

**Bid opening shall be on December 17, 2018 at 1:30 in the afternoon at DA Library, Department of Agriculture Regional Field Office No. 5, Sa Agustin, Pili, Camarines Sur.** Bids will be opened in the presence of the bidders' representatives who choose to attend at the address below. Late bids shall not be accepted.

9. The *Department of Agriculture Regional Field Office No. 5* 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 Section 41 of RA 9184 and its IRR, without thereby incurring any liability to the affected bidder or bidders.
10. For further information, please refer to:

Bids and Awards Committee (BAC)  
Department of Agriculture, Regional Field Office No. 5  
San Agustin, Pili, Camarines Sur 4418  
Tel. No. (054) 477-3356

November 26, 2018, Pili, Camarines Sur

**ROSARIO C. SALES**

Chief, Admin. & Finance Division  
Chairperson, Bids and Awards Committee