



**Invitation to Bid for Simplified Bidding**

SB No. 2024-11-01

The CASURECO II ELECTRIC COOPERATIVE, INC. (CASURECO II) through its Qualification Bids and Awards Committee (BAC) invites eligible bidders to participate in the simplified bidding (sealed canvass) for goods/items/services as specified below:

PARTICULARS	ESTIMATED BUDGET COST	REFERENCE	
		RV No.	Date
Supply and Delivery of Watthour Meter Standard with Complete Accessories	Php1,700,000.00	228046	May 9, 2024
<b>Source of Fund:</b> Reinvestment Fund for Sustainable CAPEX			

ACTIVITIES	SCHEDULE	VENUE
Advertisement/Publication	November 25, 2024	NEA Portal and CASURECO II website
Deadline for Submission of Sealed Quotation	December 6, 2024, 8:30 AM	CASURECO II Main Office
Bid Opening	December 6, 2024, 9:00 AM	CASURECO II Main Office, Conference Room

**Instruction to Eligible Bidders/Suppliers:**

1. Submission of sealed quotation shall be made either by courier or hand carried by the supplier or his duly authorized representative with label "RV No. 228046" on or before the stated date addressed to:

CASURECO II Bids and Awards Committee BAC Secretariat  
CASURECO II Electric Cooperative, Inc., Del Rosario, Naga City

2. The BAC will exclusively consider quotations submitted by accredited bidders. Please refer to the attached list for the necessary documents required for accreditation.
3. All interested bidder must submit signed quotation with complete details of information on the Terms and Conditions as attached herein:
4. CASURECO II reserves the right to accept or reject any bid, declare failure of bidding, or choose not to award all bids, any time prior to the contract award, without incurring any liability to the affected bidder.

For further queries and concern, you can contact us with the following contact details; BAC CP No. 09930291139, landline no. 054-205-2900 (local 2002) or you may send an e-mail at [casureco2bac@yahoo.com](mailto:casureco2bac@yahoo.com)

**November 25, 2024**

**(SGD)ENGR. MARY FRANCE D. MORALES**  
BAC Chairman

Noted by:

**(SGD) ENGR. EDGARDO R. PIAMONTE**  
PS/Acting General Manager



### TERMS OF REFERENCE

<b>Name of the Contract</b>	:	Supply And Delivery of Watthour Meter Standard with Complete Accessories
<b>Source of Fund</b>	:	Reinvestment Fund for Sustainable CAPEX
<b>Approved Budget of the Contract (ABC)</b>	:	Php1,700,000.00

#### 1. APPROVED BUDGET OF THE CONTRACT (ABC)

The Approved Budget of the Contract (ABC) is **One Million seven hundred thousand Pesos (Php1,700,000.00)** inclusive of taxes, and duties and delivered to CASURECO II Main Office, Barangay Del Rosario, Naga City, Camarines Sur.

#### 2. SCOPE OF REQUIREMENT

Item	Equipment	Quantity
1	Watthour Meter Standard  Consisting of the following components: <ul style="list-style-type: none"> <li>○ Complete testing of all meters under the widest range of test conditions</li> <li>○ Reference standard (Approved by ERC and with ERC Test Report)</li> <li>○ All common electromechanical and solid-state meters up to 50amperes can be tested using single voltage and three isolated current sources</li> <li>○ 1 set of Brand-New Laptop with licensed Operating System (OS) and Microsoft Office and installed Software package including Software license and actual Version on USB-Stick to control the different equipment</li> <li>○ Demand and time-run test capabilities</li> <li>○ Dropped cycle testing</li> <li>○ With adapter for form 1a, 48a &amp; MKGE</li> <li>○ With pure sine wave inverter</li> </ul>	1 set

#### 3. TECHNICAL SPECIFICATION

This specification establishes the physical characteristics and performance requirements of the unit. **Bidder is required to state their compliance to the specification with evidence.** Any form of evidence must be included in the Bidder's technical proposal and shall be used in the bid evaluation. **The statement of compliance of the bidder without any evidence shall mean non-responsiveness of its bid.**

Technical Specification		Statement of Compliance (Compliant/ Not Compliant)	Proof of Evidence
<b>3.1 Meter Standard</b>			
Digital Waveform Generator			
Voltage Drive	30-480V RMS, 680V PK (line to neutral)		
Current Drive	0.01A to 50A RMS, 75A PK		
Fundamental Frequency	45-65 Hz		



	Arbitrary harmonically defined waveforms		
	Automatic Generation of all ANSI C12.20-2016 waveform		

Measurement Accuracy (Valid for 50Hz/60Hz and Current of 0.2A to 50A)			
Voltage	±0.02%		
Current	±0.02%		
Watts	±0.04%, ±0.02% typical		
VA	±0.04%, ±0.02% typical		
VAR	±0.04%, ±0.02% typical		
WHrs	±0.04%, ±0.02% typical		
VAHrs	±0.04%, ±0.02% typical		
VARHrs	±0.04%, ±0.02% typical		
Meter Forms	1s, 1a, 3s, 9s, 12s, 48a		

<b>3.2 Power Supply</b>			
Voltage	0 to 240 VAC, 1PH, 10A, Power cord included		

<b>3.3 Other Requirement</b>			
Certificate of accredited and/or own service center in the Philippines			
Latest manufacturer and ERC test report of the equipment or Statement of compliance, whichever is applicable			

**4. DELIVERY AND SERVICES**

- 4.1. ***The Watthour Meter Standard with complete accessories*** shall be delivered to CASURECO II Main Office, Barangay Del Rosario, Naga City. The hauling, unloading, assembly, and field test of all equipment shall be provided by the Supplier.
- 4.2. Upon delivery, the Supplier shall provide hands-on training on proper usage and maintenance, descriptive literature, and technical information including drawings, schematic diagrams, software, etc. of ***the Watthour Meter Standard with complete accessories***.

**5. CODE AND STANDARD**

- 5.1. ***The Watthour Meter Standard with complete accessories*** must be in compliance with the following: IEC and ANSI standards as applicable; and other applicable laws, codes, and standards.
- 5.2. The physical and performance requirements of the unit, based on the internationally recognized standards, are acceptable only if the requirements of such standards are equivalent to or exceed the requirements and specified codes and standards quoted in this document.

**6. INSPECTION AND TESTING**

- 6.1. The equipment to be delivered must be tested and approved/certified by the Energy Regulatory Commission (ERC).
- 6.2. Upon delivery, testing of equipment must be conducted by the Supplier and must be witnessed by the CASURECO II Quality Assurance Team (QAT). In the event



the Watthour Meter Standard with complete accessories do not pass the coop standard, CASURECO II shall immediately notify the supplier in writing within seven (7) calendar days and the Supplier shall make the necessary replacement at its own expense, within thirty (30) days.

**7. WARRANTY AND AFTER-SALES**

- 7.1. The Supplier guarantees that the equipment is brand new, complete, and free from defects in both materials and workmanship. The Supplier also warrants that the unit substantially conforms to the applicable specifications and documentation.
- 7.2. To assure that the equipment is free from manufacturing defects, a warranty with a minimum period of two (2) years shall be required from the Supplier, upon the issuance of Certificate of Completion and Acceptance from CASURECO II.
- 7.3. The Supplier shall provide technical support on the supplied unit.
- 7.4. The Supplier shall provide the latest manufacturer and ERC test report of said equipment.
- 7.5. The Supplier of the equipment shall have an accredited and/or own service center in the Philippines.

**8. DELIVERY PERIOD**

Ninety (90) days upon receipt of Notice to Proceed and Purchase Order.

**9. MODE OF PAYMENT**

- 9.1. 50 % Upon Delivery
- 9.2. 50 % Upon issuance of Certificate of Completion and Acceptance of CASURECO II.

**TECHNICAL WORKING GROUP**

**-SIGNED-**  
**JOHN EMMANUELLE M. GUTIERREZ**  
Member

**-SIGNED-**  
**GIL EDDIE L. SERRANO JR.**  
Member

**-SIGNED-**  
**ENGR. PAUL GUILLER H. SEMAÑA**  
Member

**-SIGNED-**  
**ENGR. BERNADETTE T. SARTE**  
End-User

**-SIGNED-**  
**ENGR. RICHARD L. PRECONCILLO**  
Co-chairman

**-SIGNED-**  
**ENGR. ARJEN V. NIDEA**  
Chairman