



**CAMARINES SUR II ELECTRIC COOPERATIVE, INC.
(CASURECO II)**

Del Rosario, Naga City
Contact #: 09175141199 - Globe 09189918512 - Smart Tel # 205-2900

Invitation to Bid for Simplified Bidding

SB No. 2024-01-01

The CASURECO II ELECTRIC COOPERATIVE, INC. (CASURECO II) thru its Bids and Awards Committee 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 1,700 units of Meter, KWH, 1 Phase, 240V, 60 Hz, 5(100)A, Bottom Connected, Electronic	1,905,700.00	227018	January 23, 2024
Source of Fund: General Fund			

ACTIVITIES	SCHEDULE	VENUE
Advertisement/Publication	Tuesday, January 30, 2024	NEA Portal, CASURECO II Facebook Page and website
Submission of Sealed Quotation	Tuesday, February 6, 2024 until 5:00 PM	CASURECO II Main Office
Bid Opening	Wednesday, February 7, 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. 227018" on or before the stated date addressed to:

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

2.All interested bidder must submit signed quotation with complete details of information on the Terms and Conditions as attached herein:

3.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.

4.For further queries and concern, you can contact us with the following contact details; BAC CP No. 09277725181, landline no. 054-205-2900-2002 or you may send an e-mail at casureco2bac@yahoo.com


ENGR. MARY FRANCE D. MORALES
PBAC Chairman


ENGR. EDGARDO R. PLAMONTE
Acting General Manager

TERMS OF REFERENCE

*SUPPLY, DELIVERY OF 1,700 UNITS OF METER, KWH, 1 PHASE, 240V, 60
HZ, 5(100)A, BOTTOM CONNECTED, ELECTRONIC*

Reviewed by:

PRE-QUALIFICATION BIDS AND AWARDS COMMITTEE (PBAC)


ENGR. MARY FRANCE MORALES
Chairman


ENGR. CARMILLE MALENIZA
Vice Chairman


ENGR. JOANALYN NAPAY
Member


JANET CARDEL
Member


DARWIN DAVE BARRAMEDA
Member

Approved by:


ENGR. EDGARDO R. MIAMONTE
Acting General Manager



TERMS OF REFERENCE

Name of the Contract	:	Supply and delivery of 1,700 units of Meter, KWH, 1 Phase, 240V, 60 Hz, 5(100)A, Bottom Connected, Electronic
Source of Fund	:	General Fund
Approved Budget of the Contract (ABC)	:	One Million Nine Hundred Five Thousand Seven Hundred Pesos (Php 1,905,700.00)

1. OBJECTIVE

The procurement of kilowatt-hour meters aims to provide readily available stocks for the additional customers, upgrading and replacement of obsolete or defective electric meters.

2. SCOPE OF REQUIREMENT

Description	Qty	Unit
Meter, KWH, 1 Phase, 240V, 60 Hz, 5(100)A, Bottom Connected, Electronic	1700	pcs

3. APPROVED BUDGET OF THE CONTRACT (ABC)

The Approved Budget of the Contract (ABC) is **One Million Nine Hundred Five Thousand Seven Hundred Pesos (Php 1,905,700.00)** inclusive of taxes and duties, and shall be delivered to CASURECO II Main Office, Brgy. Del Rosario, Naga City, Camarines Sur.

4. 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.**

SPECIFICATION		Statement of Compliance
Description	:	Highly accurate load performance and the use of a field- proven Digital Multiplication Measurement Technique ensure reliability and dependability for all customer loads up to 100 Amperes. Electronic single phase kWH meter, outdoor installation
Quantity	:	1,700 pcs



Rating	:	5(100)A	
Phase/Forms/ Wire	:	Single Phase/ 1A /2W	
Operating Temperature	:	-20 C to +85C under cover	
Nominal Voltage	:	240V	
Operating Voltage	:	80% to 120% of Vn	
Frequency	:	60Hz +/- 5%	
Humidity	:	5% to 95% relative humidity, non condensing	
Load performance Accuracy	:	Accuracy Class 0.5% - typical accuracy 0.2%	
Starting Current	:	Equal or less than 20mA	
Internal Meter Loss	:	Equal or less than 0.3Watts	
LCD Display	:	Liquid Crystal Display / 6-digitwhole number plus 1 Decimal With backup Industrial Grade lithium battery supply. Minimum of 0.75-inch size display	
Measuring Display	:	Active Energy (kWh) with instantaneous reading of Voltage, Current, Frequency, Power and Power Factor.	
Meter Face Cover	:	Glass or Hard Plastic (Polycarbonate)	
Body Enclosure Material	:	Hard Plastic (Polycarbonate) or Aluminum Alloy	
Terminal Block Assembly	:	Fibra or Hard Plastic (Polycarbonate)	
Terminal Cover	:	Transparent polycarbonate terminal with emboss wiring diagram and with provision of sealing through sealing stainless screw.	
Connection Terminals and bolts	:	Copper Brass or Stainless	
Line and load conductor terminal.	:	Shall accommodate minimum size of stranded #6 AWG of Aluminum or Copper conductor	
Ingress Protection	:	IP 54	



Meter/Serial No.	:	At least with 0.25-inch in height with barcode and printed CASURECO II name.	
Certification	:	ERC Meter Approved with ERC seal and stickers with test report	
Applicable Standards	:	IEC 62052-11 IEC 62053-22	
Others		Preferably equipped with Anti-theft features	

5. PROGRAM

- 5.1. All kilowatt-hour meters shall be programmed by the Supplier prior to the delivery.
- 5.2. CASURECO II shall provide parameters and/or settings of kilowatt-hour meters for its standard application.
- 5.3. All kilowatt-hour meters delivered shall have ERC seal, sticker and test report

6. CODE AND STANDARD

- 6.1 The kilowatt-hour meters must be compliant with the following:
 - a. IEC and ANSI standard as applicable
 - b. Energy Regulatory Commission (ERC) Standard
 - c. Other applicable laws, codes and standards
- 6.2 The physical and performance requirements of the unit, based on the internationally recognized standards, are acceptable only if the requirements of such, are within its equivalent standard.

7. INSPECTION AND TESTING

- 7.1 All delivered meters will undergo standard cooperative testing with the presence of the CASURECO II Quality Assurance Team. All failed meters must be replaced with new units within fifteen (15) calendar days. Any incurred costs shall be shouldered by the supplier.

The inspection and testing shall consist of the following:

 - Visual
 - Accuracy test
 - Other test that may be required by CASURECO II to check the technical compliance of the unit. This may include third party testing (e.g., test conducted by the ERC)

8. WARRANTY AND AFTERSALES

- 8.1 The Supplier guarantees that the units are brand new, complete, and free from defects in both materials and workmanship. The Supplier also warrants that the unit is substantially conforms to the applicable specifications, documentation, and samples.



- 8.2 To assure that the units are free from manufacturing defects, a warranty with a minimum period of one (1) year after installation.
- 8.3 The Supplier shall provide technical support on the supplied unit.
- 8.4 The kW-hr-meter provided by the Supplier shall be inspected and tested by Quality Assurance Team upon receipt of the warehouse before acceptance. Should there be any delivered meter that do not pass the coop standard, CASURECO II shall immediately notify the supplier in writing within seven (7) calendar days and the winning bidder shall make the necessary replacement at its own expense, within fifteen (15) calendar days.

9. MODE OF PAYMENT

- 9.1. Fifty Percent (50%) upon delivery and acceptance.
- 9.2. Fifty Percent (50%) after Thirty (30) days after first payment.

10. DELIVERY PERIOD

- 10.1. Fifteen (15) calendar days upon receipt of approved Purchase Order.


11. CONDITIONS

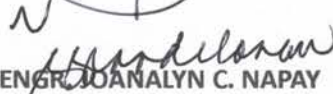
- 11.1. The bidder shall indicate the cost per unit in the financial proposal.
- 11.2. The kilowatt-hour meters delivered shall have ERC seal and test report.
- 11.3. Should there be any increase in price prior to its delivery, the price remains the same, as quoted.

TECHNICAL WORKING GROUP


IVAN CHRISTIAN T. CARINO
Member

ENGR. ALBERTO J. REVILLA
Member


GIL EDDIE L. SERRANO JR.
Member


ENGR. JOANALYN C. NAPAY
End-User


ENGR. RICHARD L. PRECONCILLO
Co-Chairman


ENGR. WENDYL P. BORROMEO
Chairman