



Bids and Awards Committee
SUPPLEMENTAL BID BULLETIN (SBB) NO. 06
Series of 2024

TO ALL PROSPECTIVE BIDDERS FOR THE FOLLOWING PROJECTS:

LOT	PARTICULARS	FUND SOURCE	APPROVED BUDGET COST (ABC)	BIDDING DOCUMENTS FEE (PHP)
1	Supply and Delivery of Reclosers	RFSC	6,000,000.00	10,000.00
2	Supply and Delivery of Kilowatt Hour Meters (KWH) for New Connection and Change Meter Activities. - Meter, KWH, 1 Phase, Class 1, 240V, 1.5 (60)A, Bottom Connected, Electronic. - Meter, KWH, 1 Phase, Class 1, 240V, 5 (100) A, Bottom Connected, Electronic.		27,000,000.00	10,000.00
3	Supply and Delivery of Kilowatt Hour Meters (KWH) for New Connection and Change Meter Activities. - Meter, KWH, CL-20, FM3S, 1P2W, 120-480V, CT-RATED, - Meter, KWH, CL-20, FM9S, 3P4W, 120-480V, CT-RATED - Meter, KWH, 3 PHASE, CLASS 0.2S, DUAL PORT (SCADA RS485_RS232 TYPE), 52 (20)A ¾ WIRE - Meter, KWH, 30(200) A, CL-200, FM1S, 1P, 2W ELECTRONIC, DIGITAL SOCKET TYPE - Meter, KWH, CL-200, FM16S, 3P, 2W, 120-480V, CT-RATED, SOCKET TYPE		4,192,661.00	5,000.00
4	Supply and Delivery of Conductors for Operations and Maintenance of Distribution Lines		7,146,820.00	10,000.00
5	Supply and Delivery of Materials for Feeder Metering		3,531,125.00	5,000.00

This SBB No. 06 dated October 21, 2024 for the aforementioned projects is being issued in response to the queries raised during the Pre-Bid Conference held last October 16, 2024 as well as modify certain items of the Bidding Documents and shall form as an integral part of the Bidding Documents.

1. The schedule for the submission and opening of bids shall proceed as follows:

ACTIVITY	DATE	TIME	PLACE
Deadline of Submission of Bids	Monday, October 28, 2024	12:59 PM	Board Room, ALECO Main Office, W. Vinzon Street, Legazpi City
Bid Opening	Monday, October 28, 2024	1:00PM	

*Late submissions shall not be accepted

2. General Amendments/Clarifications:

PARTICULARS/CONCERNS	AMENDMENTS/ CLARIFICATIONS
Lot 1 A bidder representative asked whether the delivery timeline could be within 30-60 days given that the item will be shipped from Korea.	Delivery Period shall be thirty (30) days upon receipt of Purchase Order (PO)
Lot 2 It was inquired whether the awarding is per lot or per item. And, if a different class can be offered in lieu of item 1.5 (60) as the 10(60) can also read low voltage areas. It was asked about the warranty period	Awarding is per lot. As stated in the bidding documents, the required classification by the item is 1.5(60). Warranty shall be one (1) year upon installation of item.
Lot 3 It was asked about the specific standard for Item 3, whether ANSI or IEC?	Either ANSI or IEC as long as ERC approved kilowatt-hour meter
Lot 4 It was asked about the complete specifications of Copper wire 2/0 and 4/0, delivery period of conductors and the terms of payment.	<ul style="list-style-type: none">• Delivery Period shall be fifteen (15) days upon receipt of Purchase Order (PO)• Terms of Payment shall be within thirty (30) days upon completion of delivery and receipt of billing invoice• Complete specifications of Copper wire 2/0 and 4/0 is attached as Annex "A"

3. Additional Technical Specifications for Lot 2 on 5(100) kWh meter

<ul style="list-style-type: none">• With Active and Reactive Energy Measurement Including Delivered, Received, Total, and Net Energy• With Load Profiling• Can store up to 12-month billing data• Optical Communication Interface: IEC62056-21C
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4. Correction on the Instruction to Bidders for Lot 2:

FROM	TO
Page 10, Item Number 21. SEALING AND MARKING OF BIDS 21.3 c. indicate the specific Lot Number and description of item/project to be bid ("Lot 2: Supply and Delivery of Kilowatt Hour Meters (KWH): - Meter, KWH, CL-20, FM3S,1P2W,120-480V, CT-RATED, - Meter, KWH, CL-20, FM9S,3P4W,120-480V, CT-RATED -Meter, KWH, 3 PHASE, CLASS 0.2S, DUAL PORT (SCADA	21.SEALING AND MARKING OF BIDS 21.3 c. indicate the specific Lot Number and description of item/project to be bid ("Lot 2: Supply and Delivery of Kilowatt Hour Meters (KWH): - Meter, kWh, 1 Phase, Class 1, 240V,1.5 (60)A, Bottom Connected, Electronic - Meter, kWh, 1 Phase, Class 1, 240V,5 (100) A, Bottom Connected, Electronic

5. Awarding is on a per lot basis. **One (1) project having one (1) lot shall be awarded as one (1) contract/Purchase Order.**
6. Bidders are also reminded that **only Lot 2 is on Consignment Basis and shall start with an initial delivery per item within 15 days upon receipt of Purchase Order, with the remaining delivered in staggered basis depending on ALECO's stock and upon its request. Accordingly, for succeeding requests, delivery shall be made within seven (7) days.**
7. **Terms of payment:** Within thirty (30) days upon completion of delivery and/or receipt of invoice.
8. The Eligibility, Technical, and Financial Proposals shall be **properly tabbed** for easy reference and shall be submitted in sequence/order per Checklist of Requirements.
9. Please be advised that bids submitted after the deadline will be marked for recording purposes but will not be included in the opening of bids, and shall be returned to the bidder unopened.

For the guidance and information of all concerned

Issued this 21st day of October, 2024 at ALECO Main Office, W. Vinzon Street, Albay District, Legazpi City.

By the Authority of the Bids and Awards Committee:



HAYSLI I. LUCILO
BAC Chairman

CONDUCTOR TECHNICAL SPECIFICATIONS

ALUMINUM/COPPER CONDUCTOR (DUPLEX)

Size of Conductor	Insulated (AAC)		Neutral Conductor		Insulation	Resistant with	Type of Conductor	Reference Standards
	No. & Nominal Diameter of wire	Insulation Thickness	No. & Nominal Diameter of Wire (MM)					
		MM	Aluminum	Steel				
6	7 x 1.56 mm	1.14	6 x 1.679	1 x 1.679	Black Polyethylene (PE)	acids, alkalines, water, salts, organic solvents and oxidizing compounds, sunlight, abrasion and environment impact.	ACSR	ASTM B230, B231, B232, B489
2	7 x 2.47 mm	1.14	6 x 2.672	1 x 2.672				ICEA S-61-402
1/0	19 x 1.89 mm	1.6	6 x 3.370	1 x 3.370				ICEA S-76-474
2/0	19 x 2.13 mm	1.52	6 x 3.782	1 x 3.782				ICEA S-76-474

INSULATED ACSR

Size of Conductor	No. & Nominal Diameter of wire		Wall Thickness	Approx. Over All Diameter	Insulation	Resistant with	Type of Conductor	Reference Standards
	MM							
	ALUMINUM	STEEL						
2	6 x 2.672	1 x 2.672	1.2	10.42	Black Polyethylene (PE)	acids, alkalines, water, salts, organic solvents and oxidizing compounds, sunlight, abrasion and environment impact.	ACSR	ASTM B 232, ASTM B498, ICEA S-70-547
1/0	6 x 3.370	1 x 3.370	1.6	13.31				
2/0	6 x 3.782	1 x 3.782	1.6	14.55				

BARE ACSR

Size of Conductor		No. & Nominal Diameter of wire		Approx. Over All Diameter	Type of Conductor	Reference Standards
		MM				
AWG	Approx MM	ALUMINUM	STEEL	MM	ACSR	ASTM B232 ASTM B498
4	22 mm ²	6 x 2.118	1 x 2.118	6.36		
1/0	50 mm ²	6 x 3.370	1 x 3.370	10.11		
2/0	60 mm ²	6 x 3.782	1 x 3.782	11.35		
4/0	100 mm ²	6 x 4.770	1 x 4.770	14.31		
336.4 MCM	168.2 mm ²	26 x 2.888	7 x 1.679	18.29		

TREE WIRE

Size of Conductor	No. & Nominal Diameter of wire		Approx. Over All Diameter	Voltage Rating	Insulation	Resistant with	Type of Conductor	Reference Standards
	MM							
	ALUMINUM	STEEL	MM					
1/0	6 x 3.370	1 x 3.370	22.18	25 kV	XLPE, jacketed with black high density polyethylene (double insulation)	tracking, acids, alkalines, water, salts, organic solvents and oxidizing compounds, sunlight, abrasion and environment impact.	ACSR	ASTM B230, ASTM B 232, ASTM B 502, ASTM B498, ICEA S-61-402
2/0	6 x 3.782	1 x 3.782	24.04					
4/0	6 x 4.770	1 x 4.770	27.01					
336.4 MCM	26 x 2.888	7 x 1.679	31.01					

INSULATED COPPER

Size of Conductor	No. & Nominal Diameter of wire	Wall Thickness		Approx. Over All Diameter	Minimum Insulation resistance	Resistant with		Type of Conductor	Reference Standards
		MM				THWN	THHN		
		PVC	NYLON						
2/0	19 x 2.00 mm	1.3	0.18	12.96	80	250	260	LEAD FREE moisture and heat resistant /flame retardant thermoplasti c wire with nylon jacket	PNS 35-1:2013, UL 83, PEC, NEC
4/0	19 x 2.60 mm	1.3	0.18	15.96	80	355	370		