



ILOILO 1 ELECTRIC COOPERATIVE INC.

(I L E C O - 1)

BRGY. NAMOCON, TIGBAUAN

ILOILO

INVITATION TO BID NO. 2025-002

“Purchase of Fuse Cut-out Assemblies”

1. Iloilo 1 Electric Cooperative Inc. (ILECO-1) through its Bids and Awards Committee (BAC), invites interested bidders to participate in the **public bidding** of the Project, **“Purchase of Fuse Cut-Out Assemblies”** in accordance with the Republic Act (RA) 10531 and 9184 and its Revised Implementing Rules and Regulations. The ILECO 1, through the FY 2024 General Fund intends to apply the sum of **Three Million Five Hundred Seventy-Five Thousand Pesos (Php 3,575,000.00)** being the Approved Budget for the Contract (ABC) to payments under the contract for the Project. The period for the performance of the obligations under the Contract shall not go beyond the validity of the corresponding appropriations for the Project.

Lot No.	Item No.	Unit	Item Description	Quantity	Approved Budget for the Contract (ABC) inclusive of vat	Non-refundable Fee for Bid Documents	Delivery Schedule	Source of Fund
1	1	Set	Fuse Cutout, 100 Amps., w/ Lightning Arrester Combination	450	Php3,575,000.00	Php 5,000.00	Full Delivery within thirty (30) calendar days from receipt of Notice to Proceed.	General Fund
	2	Set	Fuse Cutout, 200 Amps., w/ Lightning Arrester Combination	100				

2. The ILECO I BAC shall conduct the meeting for pre-bid and opening of the documents and bid offer at the given address and schedule below **Face-to-Face**. Authorized attendees, including representatives of bidders, must be physically present at the ILECO I Conference Hall, Brgy. Namocon Tigbauan Iloilo.

Availability of Bidding Documents	Pre-Bid Conference	Submission of Bid/Bid Opening
January 23, 2025 to February 12, 2025, from Monday to Friday only from 8:00 A.M. to 5:00 P.M	January 30, 2025 at 10:30 AM	February 13, 2025 at 10:30 AM.

3. The Prebid-Conference is on **January 30, 2025, 10:30 AM** at the Employees' Hall, ILECO I Main Office, Brgy. Namocon Tigbauan Iloilo, which shall be open to prospective bidders.
4. Bids must be duly received by the BAC Secretariat through manual submission at the office address indicated below on or before **10:30 AM of February 13, 2025. Late Bids shall not be accepted.**
5. Prospect Bidders are required to attend the Pre-bid Conference.
6. All Bids must be accompanied by a Bid Security in any acceptable forms and in the amount stated in the Bidding Documents. The Submission and Opening of Bids will be on **February 13, 2025 (Thursday), 10:30 AM at Employees' Hall, ILECO I Main Office, Brgy. Namocon, Tigbauan, Iloilo**. Bids shall contain the Eligibility and Technical Documents, as well as the Financial Documents prescribed in the Bidding Documents which will be opened in the presence of the bidder's representatives.

Unsealed or unmarked bid envelopes shall also be rejected. In addition, bid offers received in excess of the ABC shall likewise be automatically rejected.

7. Representatives from each bidder/company must submit their **notarized letter of Authorization (LOA)** during the Pre-bid conference and the Opening of Bids. Failure to comply the above-mentioned will automatically mean disqualification. Only those who have paid the Non-refundable fee in the amount specified above shall be allowed to participate in the discussion during the Prebid Conference and have their bid offers opened.

Notarized LOA must be separated from the Sealed Bid, and to present upon attendance during the bid opening.

8. Bidding will be conducted through open competitive bidding procedures using a non-discretionary “pass/fail” Criterion.

Suppliers/Contractors who intend to participate shall be immediately **disqualified under the following cases:** (a)

suppliers/contractors whose contracts were previously **terminated** by ILECO 1 due to its failure to comply with its contractual obligation; (b) suppliers / contractors with (b.1) **ongoing or** (b.2) **un-finish projects or** (b.3) **at least 10% negative slippage** with ILECO 1; (c) suppliers/contractors with pending case filed with ILECO 1 and (d) contractors/suppliers which was previously **blacklisted** either by ILECO 1 or any government agencies, should be automatically disqualified from participating in any competitive public bidding to be or presently being undertaken by ILECO 1.

9. Interested bidders may obtain further information from the ILECO-1-BAC Secretariat through the contact details given below.
10. The ILECO-1 reserves the right to reject any and all bids, declare a failure of bidding, or not award the contract as indicated in the National Electrification Administration (NEA) Revised Procurement Guidelines and Simplified Bidding Procedures for Electric Cooperatives IRR-RA 10531 (2017) and in the Implementing Rules and Regulations (IRR) of Republic Act (RA) 9184, otherwise known as the "Government Procurement Reform Act".

The results of the bidding shall be submitted to the ILECO I Head of Procuring Entity (HoPE) for final decision and awarding of BIDS. The decision of the HoPE shall be deemed final and executory.

11. For further information, please refer to:
ILECO I BAC Secretariat
Iloilo I Electric Cooperative, Inc. (ILECO-I)
Namocon, Tigbauan, Iloilo
Email Add: bac@ileco1.org
Mobile No.: 0945-713-1250
ILECO-I Website: ileco1.com

P. Star – January 23, 2025

(sgd) ENGR. GC JUNE N. GARANCHON, PEE
BAC Chairperson

TECHNICAL SPECIFICATIONS

DISTRIBUTION CUT-OUTS

I. RATINGS:

Distribution fuse cutouts shall have ratings as defined in ANSI/IEEE Standard C37.40-1981 and as specified in ANSI C37.42-1981 as summarized below:

1. Service Conditions
 - a. Temperature up to 40 Degree Celsius
 - b. Altitude up to 1,500 meters
2. Rated Voltage
 - a. Nominal System Voltage 13.2/7.62 KV grd Y
15,000
 - b. Rated Maximum Voltage Volts
 - c. Low Frequency Withstand KV, RMS- dry, 60 sec. -35
wet, 10 sec. -30
3. Rated Impulse Withstand Voltage- 95 KV
4. Rated Frequency - 60 Hz
5. Rated Continuous Current- 61 Hz
6. Rated Short Time Current
 - a. Momentary (1 cycle) - 10,000 amperes
 - b. 15cycles - 7,100 amperes
 - c. 3 seconds - 1,600 amperes
7. Rated Symmetrical Interrupting Current- 7,100 amperes

II. DESIGN:

Distribution fuse cutouts furnished to NEA specifications shall be designed and manufactured in accordance with ANSI C37.42-1981, [2]. The cutouts are intended for use with button-type fuse links and must be able to accommodate fuse links shows a conceptual arrangement and nomenclature of a distribution fuse cutout.

These cutouts shall have the following design features:

1. Fuse Support Assembly
 - a. Fuse Support Insulator -wet process porcelain.
 - b. Markings
 - Manufacturer's identification
 - Product type
 - Rated continuous current
 - Rated maximum voltage
 - Rated interrupting current
 - Basic impulse level
 - c. Contacts- Silver plated
 - d. Connectors- tin-plated bronze parallel groove type, for #6 to 4/0 AWG copper or aluminum conductors.

e. Load buster tool attachment hooks.

f. Mounting Supports-

suitable for use with mounting bracket provided to mount the cutout or with a combination cutout arrester bracket so that the centerline of the fuse support insulator is at an angle of 15° to 200 from the vertical.

2. Fuse Holder Assembly

expendable cap.

a. Fuse Tube - bone fiber lining with exterior painted gray, non-

b. Contacts - silver plated

c. Fuse Link Position - the fuse tube shall be designed so the fuse link is centered in the tube, with provision for mechanical ejection of the fuse link leader on low current faults.

d. Opening and Lifting Eyes -the fuse holder shall hang vertically from the fuse support assembly when in the open position, and shall have opening and lifting eyes suitable for removal and assembly, and opening and closing of the cutout with a switch stick installation of the described in ANSI C37,42-1981, [3].

e. Thumb Screw - for securing the fuse link to fuse holder

assembly.

3. Mounting Bracket

Each distribution fuse cutout shall be provided with a mounting bracket meeting the requirements of ANSI C37.42-1981, Section 2.4 for Type A mounting brackets; or with a suitable mounting bracket for, mounting when specified and ordered as a combination cut-out arrester unit.

4. Lock Washers

All mounting bolts and conductor connectors require lock washers. Lock washers shall be fabricated from material that comply with the requirements of ANSI B18.21.1-1983, [4].

Lightning Arrester C62.11.

10KV rating. Conforms to ANSI/IEEE

[1] ANSI C37.40-1981: Service Conditions and Definitions for High Voltage Fuses, Distribution Single Pole Air Switches, Fuse Disconnecting Switches and Accessories.

[2] ANSI C37.41-1981: Design Tests for High Voltage Fuses, Distribution Enclosed Single-Pole Air Break Switches, Fuse Disconnecting Switches.

[3] ANSI C37.42-1981: American National Standard Specifications for Distribution Cutout Links.

[4] ANSI B18.21.1-1983: American National Standard for Lock Washers.