



MANILA ELECTRIC COMPANY (MERALCO)
Ortigas Center, Brgy. Ugong, Pasig City

REQUEST FOR INFORMATION

(SCM RFI NO. CD1125-0691-1)

ALTERNATIVE MATERIAL TO HARD-DRAWN COPPER SPINNING WIRE

The rising demand for hard-drawn copper and its high scrap value have made copper spinning wires increasingly vulnerable to theft. These incidents cause significant operational disruptions and pose security risks for aerial cable installations. To address this challenge, MERALCO is exploring alternative materials that reduce theft risk while meeting the performance requirements of aerial applications. Through this Request for Information (RFI), MERALCO seeks industry insights on available material options, design approaches, and proven practices for spinning wire systems.

EXISTING HARD-DRAWN COPPER SPINNING WIRE DETAILS:



Figure 1. MERALCO's current application of spinning wires



Figure 2. Example of a stolen spinning wire, causing the spun cables to sag as it has been detached from the messenger wire.

Table 1. Material Specifications of the Existing Spinning Wire

MERALCO’S EXISTING MATERIAL CODE & DESCRIPTION	PURPOSE
600440: Hard-Drawn Copper Spinning Wire	<ul style="list-style-type: none">Used for reinforcing bundles of aerial spun cables.Use for the following power cable sizes:<ul style="list-style-type: none">✓ 15-35 kV Full Concentric Neutral, 3/0 AWG Cu Power Cable; Class B STR, single conductor, XLPE conductor shield, EC TR-XLPE insulation, LLDPE jacket✓ 15-35 kV Copper Tape Shield, 500-1000 MCM Cu Power Cable; Class B STR, single conductor, XLPE conductor shield, EC TR-XLPE insulation, LLDPE jacket

CALENDAR OF ACTIVITIES:

ACTIVITY	DATE	TIME
Submission of Letter of Intent and other requirements	January 05 – 19, 2026	Until 11:59 PM of January 19, 2026

Interested vendors are requested to submit the following:

- A duly signed and notarized Non-Disclosure Agreement (NDA) document. The NDA template shall be provided upon the submission of Letter of Intent.
- Company Background/ Profile
- Product catalog and/or technical brochures including the specification and composition of the proposed alternative materials for the spinning wire
- Benchmarking or reference installations from previous customers
- Side-by-side comparison with the current MERALCO spinning wire material, including an explanation of how the proposed material meets the minimum requirements to serve as a replacement
- Electrical and Mechanical test results for spinning wires.
- Supply record for the past five (5) years for the product offered, indicating client name and location
- International standards used in manufacturing the product/s (e.g., ASTM, ANSI, IEEE, IEC).
- Timeline in providing the Products/ Services/Solutions
- Approximate Cost of the Products/ Services/Solutions
- Related documents to proposed products/ services/solutions [e.g., Technical Data Sheet (TDS), drawings, etc.]
- For Traders, a manufacturer's certificate of distributorship for the products that they offer including local warranty and after-sales support

Supplemental Information:

- This RFI is non-binding and does not constitute a commitment to acquire vendor’s products or services.
- Vendors shall shoulder all costs associated in the preparation of their responses (e.g., preparation of budgetary quotation, conduct of Proof of Concept/ Product Demo, among others).
- Responses received are to be used solely for informational and benchmarking purposes only.
- Documents or information provided with the responses shall become property of MERALCO.
- No bid fees are to be imposed in relation to this RFI.

MERALCO reserves the right to:

- Issue an addendum to the RFI at any time as a result of questions, change in submission schedule, or other matters; and,
- To cancel or re-issue the RFI on a reasonable basis.

Submission of requested information must be in portable document format (PDF) and must be emailed to Category Management for Core – Distribution Utility Supplies through their email at **group.Distribution.Utility.Supplies@meralco.com.ph** using **business email address not later than 11:59 PM of January 19, 2026. RFI email subject format should be: CD1125-0691-1 | RFI | ALTERNATIVE MATERIAL TO HARD-DRAWN COPPER SPINNING WIRE | VENDOR NAME.**

(sgd.)
LUISITO B. ACUNA
VP & Head, Supply Chain Management

MERALCO employs strict cybersecurity controls. Kindly refer to the following link for the Vendor Cybersecurity Advisory: <https://company.MERALCO.com.ph/news-and-advisories/supply-chain-management-invitations-bid>