

Abu Qir Container Terminals Company S.A.E.
(Private free Zone Company)

**Tender for the Supply of Low-Voltage Power Cable
for Electric Reach Stacker (eRS) Charging**

(T/AQCT/ENG/02/2026)

1. Introduction

Abu Qir Container Terminal (AQCT) invites qualified manufacturers and authorized distributors to submit their quotations for the supply of **Low Voltage Power Cable** for the electrical power supply of the **Electrical Reach Stacker Charging Pile** as part of the terminal electrification and sustainable equipment development program.

The supplied cable will be used to provide a reliable and continuous power connection between the low-voltage distribution system and the Reach Stacker charging infrastructure. Therefore, the cable shall be designed and manufactured to withstand continuous operation under demanding industrial and marine environmental conditions, ensuring maximum reliability, safety, and long service life.

The cable supplied shall be brand new, unused, manufactured in accordance with the latest applicable IEC standards, and suitable for continuous operation in harsh industrial and marine environments.

The successful bidder shall supply the complete quantity together with all required technical documentation, quality certificates, factory test reports, and warranty documents.

2. Scope of Supply

2.1 LV Power Cable:

S/N	Item	Description	Qty	Unit	Notes
1		<u>LV Power Cable</u> 4 core cables with reduced neutral - CU/XLPE/STA/PVC- 0.6/1 (1.2) KV - (3*185+1*95mm ²) - Overall Diameter: 48.2 mm	700	Meter	Total length must be exact as required 700 m without tolerance and should be one continuous cable on a single drum.

The cable shall be supplied with suitable wooden drums suitable for transportation, storage, and installation.

3. Technical Specification

The cable shall comply with the following minimum specifications:

- Copper Conductors (Class 2 stranded)
- XLPE Insulation
- Steel Tape Armour (STA)
- PVC Outer Sheath
- Rated Voltage:
 - $U_0/U = 0.6/1$ kV
 - $U_m = 1.2$ kV
- Configuration:
 - $3 \times 185 \text{ mm}^2$
 - $1 \times 95 \text{ mm}^2$ (Reduced Neutral)
- Overall Diameter:
 - Approximately 48.2 mm
- Color Identification according to IEC standards
- Suitable for outdoor installation
- Suitable for cable trays
- Suitable for underground installation
- UV resistant
- Moisture resistant
- Oil resistant
- Marine industrial environment suitable
- Continuous operating temperature:
 - 90°C
- Short circuit temperature:
 - 250°C

4. Applicable Standards

The cable shall comply with the latest editions of:

- IEC 60502-1
- IEC 60228
- IEC 60332-1
- IEC 60332-3 (preferred)
- IEC 60754
- IEC 61034
- IEC 60092 (preferred for marine applications)

5. Required Certificates

The bidder shall submit the following documents:

Mandatory

- ISO 9001:2015 Quality Management System
- ISO 14001 Environmental Management
- ISO 45001 Occupational Health & Safety
- Factory Test Certificate
- Routine Test Report
- Type Test Report
- Certificate of Origin
- Manufacturer's Data Sheet
- Warranty Certificate

6. Quality Requirements

The supplied cable shall:

- Be manufactured within the last 12 months.
- Be free from any defects.
- Be delivered in original manufacturer's packaging.
- Bear permanent marking including:
 - Manufacturer name

- Cable type
- Cross-sectional area
- Voltage rating
- Manufacturing year
- Meter marking

7. Warranty

Minimum warranty shall be:

24 Months from commissioning or 30 Months from delivery, whichever comes first.

8. Delivery Requirements

- Quantity:
 - 700 meters
- Delivery:
 - On wooden drums
- Drum marking shall include:
 - Drum Number
 - Cable Length
 - Gross Weight
 - Net Weight
 - Arrow for Rolling Direction

9. Commercial Terms and Conditions

9.1 Pricing and Currency

All prices shall be quoted in Egyptian Pounds (EGP), exclusive of VAT.

The attached Pricing Form is mandatory and shall constitute the basis of financial evaluation.
Every item shall be individually priced.

9.2 Offer Validity

The financial and technical offers shall remain valid for one hundred and twenty (120) calendar days from the Tender Closing Date.

9.3 Delivery Period and Location

Delivery shall be made to AQCT's designated delivery point. The Supplier shall be responsible for transportation and have an active authorization on Nafezaa as we are a private free zone.

9.4 Payment Terms

One hundred percent (100%) payment shall be made after complete delivery, inspection, required testing, submission of all required documents and final acceptance by AQCT against a valid invoice.

9.5 Inspection and Acceptance

AQCT reserves the right to inspect the supplied items, verify the cable length, construction, permanent markings, drum details, accessories and supporting documents, and perform any required tests before final acceptance.

Any item that does not comply with the RFT, approved technical offer or Purchase Order may be rejected. The Supplier shall replace rejected or defective items at its own cost, including transportation, unloading, testing and all associated expenses.

Final acceptance shall not release the Supplier from its warranty obligations.

9.6 Warranty

The minimum warranty shall be twenty-four (24) months from final acceptance or thirty (30) months from delivery, whichever occurs first.

The Supplier shall repair or replace any defective or non-compliant item during the warranty period at no additional cost to AQCT. The warranty period for replaced items shall restart from their acceptance date.

9.7 Delay Penalty

In case of delayed delivery, AQCT may apply liquidated damages equivalent to 1% of the value of the delayed or undelivered items for each week or part thereof, subject to a maximum of 20% of the total Purchase Order value.