

# **ADANI GREEN ENERGY LIMITED**

Projects Division - Renewable Energy | Khavda Solar Park (Block 4)

## **NOTICE INVITING TENDER (NIT)**

**Enquiry Ref:** AGEL/SOLAR/KAV/2025/088

**Date:** 01.11.2025

**Due Date:** 30.11.2025 (Submission via Ariba Portal Only)

### **SECTION 1: INSTRUCTIONS TO BIDDERS**

Adani Green Energy Limited (AGEL) invites offers for the supply of DC and AC Cables for the Khavda Solar Park Project (Block 4 - 1.2GW). Bidders are requested to review the following instructions carefully.

- Mode of Submission: All bids must be submitted electronically via the Ariba Sourcing Portal. Physical bids shall not be accepted.
- Validity: Bids must remain valid for a period of 120 days from the due date.
- Currency: Prices shall be quoted in Indian Rupees (INR).
- Make Restrictions: Only Tier-1 manufacturers (Polycab, Apar, Finolex) are authorized to participate.

The Bidder shall bear all costs associated with the preparation and submission of the bid. The Owner will in no case be responsible or liable for those costs, regardless of the conduct or outcome of the bidding process. The Bidder is expected to examine all instructions, forms, terms, and specifications in the Bidding Documents. Failure to furnish all information required by the Bidding Documents or submission of a bid not substantially responsive to the Bidding Documents in every respect will be at the Bidder's risk and may result in the rejection of its bid. The Owner reserves the right to accept or reject any bid, and to annul the bidding process and reject all bids at any time prior to contract award, without thereby incurring any liability to the affected Bidder or Bidders.

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## **SECTION 2: GENERAL CONDITIONS OF CONTRACT (GCC)**

1. DEFINITIONS: 'Owner' shall mean AGEL. 'Supplier' shall mean the successful bidder.
2. GOVERNING LAW: The contract shall be governed by the laws of India and subject to the jurisdiction of courts in Ahmedabad, Gujarat.
3. FORCE MAJEURE: Neither party shall be liable for any delay due to acts of God, war, or civil commotion, provided notice is given within 7 days.

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## **SECTION 3: COMMERCIAL TERMS & PAYMENT**

The commercial terms accepted by the Owner are strictly defined below. Deviations may lead to disqualification.

Prices quoted shall be on an Ex-Works basis. Freight and Insurance must be indicated as a separate line item. Regarding payment milestones, the Owner shall release an initial advance of 40% (Forty Percent) of the basic contract value against the submission of an Advance Bank Guarantee (ABG) of equivalent value. The remaining balance of 60% (Sixty Percent) shall be released solely upon receipt of material at site, successful installation certification, and submission of final invoices. The delivery timeline is critical; all materials must be delivered within 90 days from the date of PO issuance. Liquidated Damages (LD) at a rate of 2% per week of delay shall apply strictly.

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## **SECTION 4: TECHNICAL SPECIFICATIONS - LOT A**

The following technical requirements apply to the DC Solar Cables required for the PV modules.

<b>Item Code:</b>	DC-004-CU-TIN
<b>Description:</b>	4 sq.mm Single Core, Tinned Copper Conductor, Electron Beam Cross-linked, XLPO Insulated and Sheathed Solar Cable.
<b>Standard:</b>	EN 50618:2014 (H1Z2Z2-K)
<b>Voltage Grade:</b>	1.5kV DC / 1.0kV AC
<b>Quantity:</b>	1,50,000 Meters

Specific Requirements:

- Color Configuration: 75,000 Meters Black and 75,000 Meters Red.
- UV Resistance: Valid test report certifying 25 years of life is mandatory.
- Halogen Free: The cable must be LSZH (Low Smoke Zero Halogen).

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## **SECTION 5: TECHNICAL SPECIFICATIONS - LOT B**

Requirements for Low Voltage AC Cables for Inverter to Transformer connections.

<b>Item Code:</b>	AC-LT-240-AL
<b>Description:</b>	1100V Grade, 4 Core x 240 sq.mm Aluminium Conductor, XLPE Insulated, PVC ST2 Inner Sheath, Galvanized Steel Strip Armoured, PVC FRLS Outer Sheathed Cable.
<b>Standard:</b>	IS 7098 Part-1
<b>Quantity:</b>	2,500 Meters

Construction Details:

- Conductor: H4 Grade Aluminium stranded compacted.
- Armouring: Galvanized Steel Strip (GS Flat).
- Sheath Color: Black.

**SECTION 6: QUALITY ASSURANCE PLAN (QAP)**

The Vendor shall submit a comprehensive QAP for approval within 7 days of PO issuance. The QAP must include:

- Raw Material Test Certificates (RMTC) for Copper, Aluminium, and XLPE compound.
- In-process inspection reports.
- Final routine test reports as per relevant IS/EN/IEC standards.

**SECTION 7: HEALTH, SAFETY & ENVIRONMENT (HSE)**

The supplier must adhere to AGEL's HSE policy. All delivery vehicles must be equipped with reverse horns, spark arrestors, and drivers must possess valid licenses. Material unloading at Khavda site requires adherence to strict safety protocols.

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