

RFP 2 – MegaBuild Township Cables

MEGABUILD INFRASTRUCTURE PRIVATE LIMITED Request for Proposal (RFP) RFP No.: MBI/TWP/ELEC/2025/009 Name of Work: Supply of LV Cables for Residential Township 'Green Meadows', Hyderabad

1. PROJECT BACKGROUND MegaBuild Infrastructure Pvt. Ltd. is developing a premium residential township 'Green Meadows' at Hyderabad. The project requires supply of low-voltage power and lighting cables for residential towers, club house and common amenities.

2. IMPORTANT DATES Issue of RFP: 15 December 2025 Last date & time for submission of bids: 10 March 2026, 18:00 Hrs

3. SCOPE OF SUPPLY – REPRESENTATIVE BOQ Lot A – Power Cables (Underground & Rising Mains)

A1: 1.1 kV, XLPE insulated, PVC sheathed, armoured, aluminium conductor, 3.5 Core x 185 sq.mm, IS 1554 (Part 1), for main incomer feeders. Quantity: 3,000 m

A2: 1.1 kV, XLPE insulated, PVC sheathed, armoured, copper conductor, 4 Core x 50 sq.mm, IS 7098 (Part 1), for tower rising mains. Quantity: 2,000 m

Lot B – Lighting and Power Circuits (Internal) B1: 1.1 kV, PVC insulated, PVC sheathed, unarmoured, copper conductor, 3 Core x 4 sq.mm, IS 694, for power sockets. Quantity: 15,000 m

B2: 1.1 kV, PVC insulated, PVC sheathed, unarmoured, copper conductor, 2 Core x 1.5 sq.mm, IS 694, for lighting circuits. Quantity: 25,000 m

4. TECHNICAL SPECIFICATIONS All cables shall comply with the latest revisions of the relevant Indian Standards (IS 1554, IS 7098, IS 694). Minimum bending radius, current carrying capacity and derating factors shall be as per manufacturer's standard catalogues and IS guidelines. Cables shall be suitable for laying in buried trenches, on cable trays and inside conduits.

5. TESTS AND QUALITY ASSURANCE The following tests are mandatory: - Routine tests: Conductor resistance, high voltage test, insulation resistance. - Type tests (may be waived if recent NABL-accredited reports are provided): Tensile strength & elongation, ageing test, hot set test, flame retardance test.

Test certificates for each lot supplied shall be submitted along with the dispatch documents.

6. COMMERCIAL & DELIVERY TERMS Delivery Period: Within 6 weeks from the date of Purchase Order, in phased manner as per site requirement. Delivery Location: Green Meadows Township, Kokapet, Hyderabad. Payment Terms: 60% on delivery at site, 30% after testing and verification, 10% after completion of installation.

7. BID FORMAT Vendors shall submit: - Technical datasheets matching each BOQ item - Filled compliance checklist against each specification - Detailed price schedule with unit rate per metre, taxes and duties shown separately