

TECHNICAL SPECIFICATIONS

1. SCOPE OF WORK / SUPPLY

Supply of "USHA MARTIN" make Ungalvanized Steel Wire Ropes for Bridge No. 16 under the Gorakhpur–Valmiki Nagar Doubling Project, Uttar Pradesh, as per the following details:

Sl. No.	Diameter	Quantity
a)	36 mm Dia	75 Mtr.
b)	28 mm Dia	200 Mtr.
c)	25 mm Dia	200 Mtr.
d)	22 mm Dia	200 Mtr.
e)	20 mm Dia	200 Mtr.
f)	16 mm Dia	200 Mtr.
g)	12 mm Dia	180 Mtr.

2. TECHNICAL SPECIFICATION

The Steel Wire Rope shall conform to the following specifications:

- Type: Ungalvanized Steel Wire Rope
- Standard: IS 2266 (Latest Revision)
- Construction: 6×36 with Fibre Core (FC)
- Lay: Right-Hand Ordinary Lay (RHOL)
- Tensile Strength Grade: Minimum 1770 N/mm²
- Surface Finish: Ungalvanized
- Condition: New, unused and free from rust, corrosion, kinks, broken wires and other manufacturing defects.

Each supplied lot/batch shall be accompanied by the Manufacturer's Test Certificate (MTC) certifying compliance with IS 2266. Each coil/drum shall be durably marked with the manufacturer's name/trademark, rope size, construction, tensile strength grade, batch/lot number and manufacturing date.

The materials shall be inspected by BBJ at the destination after delivery. Any material found not conforming to the specification or having manufacturing defects shall be liable for rejection.

3. REPLACEMENT

Rejected material shall be replaced by the supplier at its own cost and risk within 15 days of receipt of rejection advice, without any additional financial implication to BBJ.