

Technical Specifications

1. **SCOPE OF WORK/SUPPLY:**

- a) Burden Operation $\frac{3}{4}$ " Dia (20 MM) – 700 Ft.
- b) Luffing Operation $\frac{3}{4}$ " Dia (20 MM) – 700 Ft.
- c) Slew Operation $\frac{3}{8}$ "/ $\frac{1}{2}$ " Dia (12 MM) – 200 Ft.

2. **TECHNICAL SPECIFICATION:**

The Steel Wire Rope for the ELC 12 MT Crane shall conform to the following minimum specifications:

- **Type:** Bright (Ungalvanized) Steel Wire Rope
- **Construction:** 6 × 36
- **Core:** Hemp Core (HC)
- **Lay:** Right Hand Ordinary Lay (RHOL)
- **Grade:** Best Plough Steel (BPS)
- **Minimum Tensile Strength:** 1770 N/mm²
- **Quality:** Tested Quality
- **Application:** Suitable for ELC 12 MT Crane

The offered Steel Wire Rope shall be new, unused, and free from manufacturing defects. The successful bidder shall furnish the Manufacturer's Test Certificate (MTC) along with the supply and submit detailed technical literature/catalogues demonstrating conformity to the above specifications.

Approved Make: Usha Martin. No other make/brand shall be accepted.