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No. B.V-7-C/2025-26-C (36-Mast)-QR CELL

Dated, the 25th May'2026

Subject: - REQUEST FOR COMMENTS OF STAKEHOLDERS /OEM/FIRMS ON DRAFT QRs & TDs OF "36 FEET TUBULAR ALUMINIUM AERIAL MAST" REGARDING.

The Draft QRs/TDs of "**36 Feet Tubular Aluminium Aerial Mast**" are attached as **Appendix 'A'**. The OEMs/Vendors are requested to forward information of the product, which they can offer and also forward correct specifications of their product against each parameter. Only complied or not complied remarks will not be accepted. The firms are also requested to furnish the following details: -

- Whether you are OEM/Vendor?
- If vendor, details of OEM required.
- Authorization certificate from OEM.

2. The required information/details may please be forwarded at the following addresses by 10th **June' 2026**.

Communication Directorate, CRPF
East Block-7, Sec-1, R.K. Puram, New Delhi-110066
Email: comncell@crpf.gov.in

3. An early response is requested.

(Megh Raj)
DIG (Equipment)
Communication & IT Branch
Directorate General, CRPF

DRAFT QRs/TDs OF 36 FEET AE MAST TUBULAR

S.N.	Parameters	Specifications	Trial Directives
01	Mast Sections	06 Nos. Length: 6ft each. Material: Aluminium Alloy (6063-T6 preferred). Diameter: 2 inches. Thickness: 16 SWG (approx. 1.6mm).	Board will check practically
02	Coupling Pipes	05 Nos. Length: 12 inches. Material: Cold Rolled Coiled (CRC) Steel. Thickness 14 SWG or better, Finish: Galvanized with Nut/Bolt locking mechanism.	Board will check practically
03	Mounting Bracket	01 Nos. Galvanized Universal Antenna mounting bracket with heavy-duty U-clamp and bolts.	Board will check practically
04	Base Plate	01 Nos. Dimensions: Minimum 300 x 300 x 5mm. Material: Mild Steel (MS) Sheet. Finish: Hot-dip Galvanized for corrosion resistance with 4 nos ground fixing nails of 300mm x 14mm & Hinge arrangement for erection and putting down of Mast section	Board will check practically
05	Ground Pegs	03 Nos. Galvanized Angle Iron (32mm x 32mm x 5mm). Length: 24 inches. Sufficient for soil anchoring.	Board will check practically
06	Guy Ropes	High UV resistant Polyester rope with S-Hooks and tensioners. Diameter: 5mm. Lengths: 50ft and 30ft- 3 Nos each.	Board will check practically
07	Guy Plates	02 Nos. (Middle Plate -- 01 No. with 03 holes & Top Plate-01 No. with 04 holes) MS Sheet thickness 5mm, with integrated Hole. Finish: Galvanized. Designed for multi-point tethering.	Board will check practically
08	Pulley	01 Nos. Aluminium pulley with S hook for smooth hoisting of the antenna/halyard.	Board will check practically
09	Halyard	80 ft High UV resistant Polyester rope. Diameter: 4mm..	Board will check practically
10	Carry Bags	Heavy-duty Canvas bags. One bag for Mast sections and one bag for all other items for man portability.	Board will check practically
11	Lightning Arrester & Earthing	Lightning Spike of Copper with proper fitting at top of the mast, Earth Nail Minimum 16mm thickness and 24-inch length of copper material, Copper wire of 8 SWG to connect lightning spike with earth nail.	Board will check practically
12	Accessories	Hammer Sledge- minimum 10 lbs with wooden handle , D-Spanner suitable for fitting nut-bolts, Combination pliers- 8 inch,	Board will check practically