

### GEM PARAMETERS FOR LIGHTING POLES

		For BOQ Item Code 558-14011-A POLES TYPE PS1 (PAINTED)	For BOQ Item Code 558-14012-A POLES TYPE PS2 (PAINTED)	For BOQ Item Code 558-14010-A POLES TYPE PF2 (PAINTED)
1	Designation of Tubular steel poles as per table 2 of IS 2713/80 Part-2 with amdt No 1	410SP-51	410SP-67	410SP-51
2	Length of Tubular steel poles (Metre)	11	13	11
3	Coating on the tubular steel poles	Bitumen coated as per Clause 13.1 of IS 2713 part1/1980		
4	Type of steel poles	Swaged (SP)	Swaged (SP)	Swaged (SP)
5	BIS Marked	Yes		

### ADDITIONAL PARAMETERS

		For BOQ Item Code 558-14011-A POLES TYPE PS1 (PAINTED)	For BOQ Item Code 558-14012-A POLES TYPE PS2 (PAINTED)	For BOQ Item Code 558-14010-A POLES TYPE PF2 (PAINTED)
1	Tubular steel poles shall be conforming to IS 2713/80 (Part-1&2) with amdt No-1 latest	Yes		
2	Grade of steel tube	YST 240 as per IS 1161/ 1998		
3	Base plates	Base plates- Required, Base Plate shall be as per clause 15 of IS 2713(Part-1)/1980		
4	Bracket Arm	Street Lighting Pole for one luminaire with 1200mm bracket arm	Street Lighting Pole for one luminaire with 1800mm bracket arm	Flood Lighting Pole with suitable mounting arrangement for two flood light luminaires
5	i) Availability of Type Test Reports of the product from Central Govt/NABL/ILAC accredited Lab showing compliance to the specification  ii) Test report and approvals to be furnished to the buyer on demand	i) Yes  ii) Yes		
6	Junction Box: - i) Enclosure Material ii) Enclosure Thickness iii) Degree of Protection iv) Surface Treatment	Junction Box: External i) Enclosure Material: CRCA ii) Enclosure Thickness: 2 mm iii) Degree of Protection: IP-55 (Weather proof) iv) Surface Treatment : Hot Dip Galvanised (Zn coating 460gm/m <sup>2</sup> min Wt, 70 Micron Average Thickness)		
7	i) Cable Gland of Nickel Plating, Brass, Double Compression Type ii) Size Suitable for Cable Size: iii) Cable lugs of Tinned Copper, Crimping Type	i) Cable Gland of Nickel Plating, Brass, Double Compression Type: Yes ii) Size Suitable for Cable Size: 3.5Cx25 Sq.mm Al Armoured iii) Cable lugs of Tinned Copper, Crimping Type : Yes		
8	Painting & Coating	The pole shall be coated with bituminous preservative paint on inside as well as embedded outside surface. Exposed surface shall be coated with two coats of metal primer (comprising red oxide and zinc chromate in synthetic medium)		