

**Cable Glands
Technical Specification**

ANNEXURE-G

TECHNICAL SPECIFICATION FOR CABLE GLAND

SPECIFIC TECHNICAL REQUIREMENT

The actual cable data as guaranteed by the cable supplier will be furnished separately. However, for exact measurements, supplier should contact site for cable samples. The final supply shall be made based on actual cables supplied at site.

Cable Gland Type CGNC -- Double compression, Heavy Duty Tinned/ Nickel plated (coating thickness not less than 20 microns in case of tin and 10 -15microns in case of Nickel plated) brass cable glands shall be provided by the vendor for all power and control cables to provide dust and weather proof terminations. The cable glands shall be tested as per BS: 6121. They shall comprise of heavy duty, brass casting, machine finished and tinned to avoid corrosion and oxidation. Rubber components used in cable glands shall be neoprene and of tested quality. The glands shall be dust proof, screw on type, shrouded complete with necessary armour clamp and tapered washers etc.

CUSTOMER APPROVED VENDOR FOR CABLE GLANDS

- 1. Comet Industries, Mumbai (COSMOS)**
- 2. Standard Metal Industries, Mumbai**
- 3. Sunil & company, Kolkata**

QUANTITY

S.N.	Cable Size	Quantity (in Nos)
1	2C x 6 Al	120
2	4C x 6 Al	500
3	4C x 16 Al	160
4	1C x 150 Al	70
5	3.5C x 300 Al	10
6	3.5C x 70 Al	20
7	3.5C x 35 Al	60
8	1C x 630 Al	60
9	2×2.5cu	100
10	5×2.5cu	1300
11	7×2.5cu	510
12	10×2.5cu	450
13	14×2.5cu	420
14	19×2.5cu	360

TEST

All valid test reports as per relevant standard shall be furnished including Proof Torque Test, Tensile Test, Seal Test and Electrical Continuity Test as per BS 6121. Cable glands shall also be tested for dust proof and weather-proof termination. Bidders shall submit valid reports of type tests carried out within five years of bid opening. These reports should have been conducted on identical / similar equipment to those offered. In case less than five years old type test reports OR valid type tests are not furnished, the tests shall be conducted free of charge. No separate type test charges shall be paid.