

CABLE GLANDS TECH. SPECIFICATION & BOQ

Annexure-G

S.No.	Description	Unit	Quantity
MAIN EQUIPMENT			
1	Cable Gland for 1.1kV Armoured Aux Power cables		
1.1	3.5CX 300 sq. mm	Nos	10
1.2	3.5C x 70 Sq.mm	Nos	20
1.3	3.5C x 35 Sq.mm	Nos	70
1.4	1C x 150 Sq.mm	Nos	60
1.5	4Cx6 sq.mm	Nos	170
1.6	4Cx10 sq.mm	Nos	80
1.7	2C x 2.5 Sq.mm	Nos	160
1.8	2C x 6 Sq.mm	Nos	50
2	Cable Gland for 1.1kV Armoured Control cable		
2.1	2 C X 2.5 sq.mm	Nos	
2.2	5 C X 2.5 sq.mm	Nos	500
2.3	7 C X 2.5 sq.mm	Nos	150
2.4	10 C X 2.5 sq.mm	Nos	550
2.5	14 C X 2.5 sq.mm	Nos	300
2.6	19 C X 2.5 sq.mm	Nos	350

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. Nickel Chromium plated (coating thickness not less than 10 microns) 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 Nickel Chromium plated, 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.

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.