

KARNATAKA POWER TRANSMISSION CORPORATION LIMITED

Technical Specification of Modular Multi-diameter cable sealing system.

Modular Multi-diameter cable sealing system consisting of frames, blocks and accessories to be installed wherever the electrical/instrumentation/Kiosks /control rooms/sub-stations. Cable sealing system shall consist of multidiameter type peel-able or adjustable blocks of different sizes to suit the various cables. It should be simple, easy and quick to assemble and reassemble the cable sealing system. 30% spare block on the frame to be provided with usable Multidiameter blocks with center plug, so that theses spare blocks can be used for expansion in future for wide range of cables, solid blocks should not be used on frame. Cable sealing system should have been type tested for fire/water/smoke tightness and supplier shall have local presence by way of full infrastructure having service support, training support and stocks support and also have necessary sales support for any change/extension in future. Frames and stay-plate material should be galvanized steel and for compression single piece wedge with galvanized steel bolts should be used.

The cable sealing system should have tested for fire insulation for min-2 hrs as per BS-476/UL 1479/EN 1364 and shall provide water sealing for continuous pressure of 0.3bar. System shall be rodent proof and shall have valid enclosure protection as per IEC-60529.