

**TECHNICAL SPECIFICATION FOR JOINTING/TERMINATION KITS
FOR 11 KV XLPE CABLE**

- 1.0 The instructions given hereunder are in addition to/super session of the instructions given elsewhere in the tender documents and these are to be treated as final requirement in this regard wherever any ambiguity arises.
- 1.1 **SCOPE:** The specification covers design, manufacturer, testing, packing, inspection and delivery anywhere in U.P. of cable terminations and joints employing Heat Shrinkable technology suitable for 11 KV (E) , 3 core XLPE insulated screened and armoured cables as per IS 7098 (with latest amendment), having compacted circular stranded conductor of sizes 35 mm² to 300 mm² or as per requirement.
- 1.1.2 It is not the intent to specify completely herein all details of design and construction of equipment/system. However, the equipment shall conform in all respects to high standards of engineering, design and workmanship and shall be capable of performing in continuous commercial operation up to vendor's guarantee in a manner acceptable to the purchase who will interpret the meaning of the drawings and specification and shall have the power to reject any work or materials, which in his judgment are not in full accordance therewith.
- 1.1.3 Tenderer has to submit all relevant papers & copies of all the relevant documents. Failing to do so may amount to the bids being considered non-responsive and outright rejection. The information as asked for is to be mentioned specifically and not be narrated as 11 KV as per ISS, relevant standard, reference to other pages of tender bid etc.
- 1.2 Technical data sheet annexed has to be filled in completely and separately for indoor/outdoor terminations and straight through joints where ever asked for. Copies of the documents where asked for are to be enclosed for each requirement.
- 1.3 The tender documents have to be completely filled in and submitted even if there is repetition of the information. The offer must have a clause wise affirmation of the technical requirements. Deviations/non conformance / alternatives /equivalents must be all separately listed as deviations.
- 2.0 **APPLICABLE STANDARDS:**
- 2.1 Applicable standards for testing of heat shrink joints
- a) VDE-0278 Power Cable Accessories with rated voltage up to 36KV.