

Annexure- Dismantling & Installation of Power & control cable scope.

The Employer intends to replace all the existing power and control cables under the present scope of work associated with the refurbishment of the Vizag HVDC Pole-1. The scope for removal of cables from the respective TBs on the panels, removing the cables completely from the cable trenches / ladder, winding, transportation to owners identified location for storing of removed cables, Further, new cables shall be supplied, terminated in the TBs in the respective locations / equipment, laid in the existing / new trenches, pulled to the corresponding panels at different locations and terminated. The necessary accessories like ferrules, lugs, cable glands, cable sealing (MCT if required) etc. for the above work for completion of the cable replacement is in the scope of the bidder. Please refer Annexure TECHNICAL SPECIFICATION SECTION-SWITCHYARD ERECTION Rev.10 for further details

Existing Power and Control Cables shall be dismantled in stages from the control room and equipment end to minimize the shutdown down of equipment. These cables shall be handed over to Employer's Store. Civil works, if any required for cable trenches and fixing of cable supports inside trenches shall be under present scope of Contractor. New cable trenches if required for present scope of work shall be under present scope of contractor.

The Contractor shall visit the site prior to bidding to assess the existing installation to verify available routes and interface and to develop an appropriate cable replacement strategy.

The Contractor shall submit a detailed power and control cable replacement methodology, including a plan to minimize system shutdown duration, for review and approval by the Employer during detailed engineering.

Existing yard and indoor cable trenches shall be utilized to the maximum extent possible. Any required modification to the existing trenches or construction of new trenches falls within the present scope of work.