



LEGENDS:

- 89L/T - LINE/TRANSFORMER ISOLATOR
- 89PT-1 - BUS-1 PT ISOLATOR
- 89PT-2 - BUS-2 PT ISOLATOR
- CB - CIRCUIT BREAKER
- CT - CURRENT TRANSFORMER
- PT - POTENTIAL TRANSFORMER
- CT-JB - CT JUNCTION BOX
- PT-JB - PT JUNCTION BOX
- BCPU - BAY CONTROL & PROTECTION UNIT

NOTE: THIS IS TYPICAL CABLE BLOCK DIAGRAM OF 220/XX kV XMER LV ONLY. SIZE & RATING OF CABLE REQUIREMENT OF THE STATCOM SYSTEM SHALL BE AS PER REQUIREMENT OF STATCOM SYSTEM.

4CX4 FROM TRF LV CT

TENDER PURPOSE



GUJARAT ENERGY TRANSMISSION CORPN.LTD.
 S.P.VIDYUT BHAVAN, RACE COURSE,
 VADODARA - 390 007

Typical XX kV Control Cable Block Diagram of 220kV SAGAPARA Sub-Station

1. The control cable philosophy shown here is typical one and may vary according to scheme requirement during detailed engineering.
2. The quantities of control and power cables shown in the BOQ are based on above typical philosophy.Hence, the contractor shall work out actual requirement of quantity for execution by calculating cable lengths.
3. Contractor shall follow typical control & power cable philosophies shown here.While preparing cable schedule, if any deviation is found to fulfill complete scheme requirement, then it shall be submitted with justification for approval.
4. All the cables shall be laid through minimum possible route and accordingly the quantity of cables shall be calculated and considered as per actual measurement. Any adjustment found during execution is to be absorbed and final amendment of quantity shall be based on approved 'As Built' quantity.

DE (ENGG)	EE (ENGG)	I/C.ACE (ENGG)		SIZE: A3
SCALE: N.T.S.	DATE: 08.11.2024	DRG. NO: GETCO / E / 2S-041 / P-031	SHEET: 1 OF 1	REV: R0
REV:	DESCRIPTION			