



- LEGENDS:**
- 89A - BUS I ISOLATOR
  - 89B - BUS II ISOLATOR
  - 89C - TRANSFER BUS ISOLATOR
  - 89T - TRANSFORMER ISOLATOR
  - CB - CIRCUIT BREAKER
  - CT - CURRENT TRANSFORMER
  - BMK - BAY MARSHALLING KIOSK
  - TBC - TRANSFER BUS COUPLER
  - BBP - BUSBAR PROTECTION PANEL
  - BC - BUS COUPLER
  - CP - CONTROL PANEL
  - RP - RELAY PANEL
  - NIFPS - NITROGEN INJECTION FIRE PROTECTION SYSTEM

TENDER PURPOSE



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

**TYPICAL 220KV CONTROL CABLE BLOCK DIAGRAM FOR NON SCADA PANEL AT 220KV SAGAPARA SUB STATION**

1. 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.
2. 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.
3. 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.

DRAWN:	CHECKED:	APPD:	SIZE: A3
DE(ENGG.)	EE(ENGG.)	I/C.ACE(ENGG.)	
SCALE:	DATE:	DRG. NO:	SHEET: REV:
N.T.S.	08.11.2024	GETCO / E /2S-041 / P - 0031	1 OF 1 R0
REV:	DESCRIPTION		