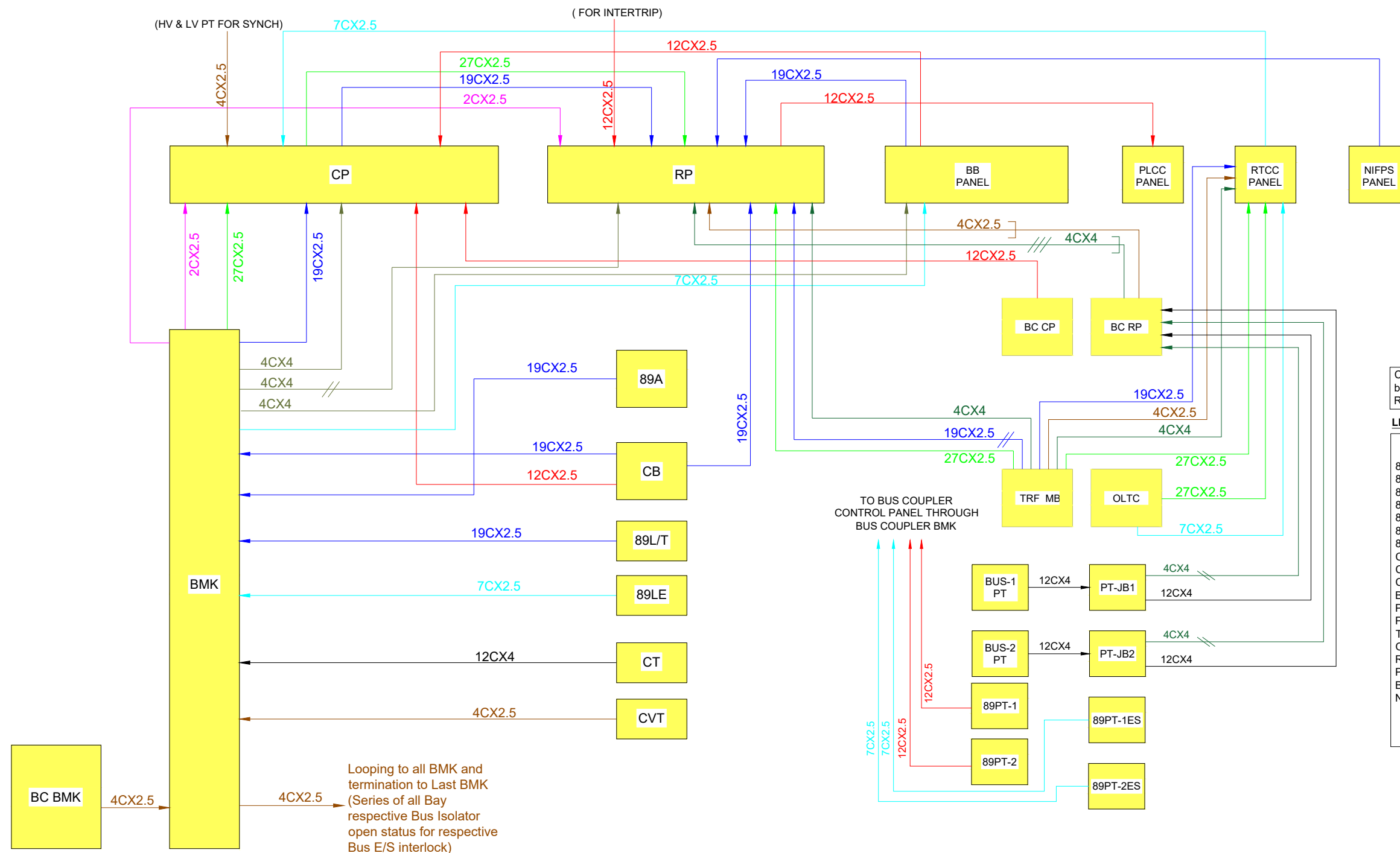




Cables related to Transformer MB, OLTC & RTCC shall be utilized/optimized as per Transformer MB, OLTC & RTCC drawing

LEGENDS:-

89A	- BUS I ISOLATOR
89L/T	- LINE/TRANSFORMER ISOLATOR
89LE	- LINE EARTH SWITCH
89PT-1	- BUS-1 PT ISOLATOR
89PT-2	- BUS-2 PT ISOLATOR
89PT-1ES	- BUS-1 PT EARTH SWITCH
89PT-2ES	- BUS-2 PT EARTH SWITCH
CB	- CIRCUIT BREAKER
CT	- CURRENT TRANSFORMER
CVT	- CAPACITOR VOLTAGE TRANSFORMER
BMK	- BAY MARSHALLING KIOSK
PT	- POTENTIAL TRANSFORMER
PT-JB	- PT JUNCTION BOX
TRF MB	- TRANSFORMER MARSHALLING BOX
OLTC	- ON LOAD TAP CHANGER
RTCC	- REMOTE TAP CHANGER CONTROL PANEL
BC	- BUS COUPLER
NIFPS	- NITROGEN INJECTION FIRE PROTECTION SYSTEM

TENDER PURPOSE



GUJARAT ENERGY TRANSMISSION CORPN.LTD.

S.P.VIDYUT BHAVAN, RACE COURSE,
VADODARA - 390 007

TYPICAL 132KV CONTROL CABLE BLOCK DIAGRAM OF
132KV RANPUR (PHASE-II) SUB-STATION

- The control cable philosophy shown here is typical one and may vary according to scheme requirement during detailed engineering.
- 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.
- 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.
- 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.)	SE(ENGG.)	I/C.ACE(ENGG.)	SIZE: A3
SCALE:	DATE:	DRG. NO:	SHEET:	REV:
N.T.S.	28.04.2026	GETCO / E / 1S-657/ P-031	1 OF 4	R0
R0	FIRST PREPARATION			
REV:	DESCRIPTION			