

(EXISTING) 132/0.11/0.11 kV
CVT: $\sqrt{3} \quad \sqrt{3} \quad \sqrt{3}$
0.2/0.5(3P), 100/100VA

B.B.1 132kV

B.B.2 132kV

*CVT: 132/0.11/0.11 kV
 $\sqrt{3} \quad \sqrt{3} \quad \sqrt{3}$
0.2/3P(0.5)
-/-VA

*CT: 2000-1600-800/1/1A
CLASS X/5P20
-/-VA

*CT: 2000-1600-800/1/1/1A
CLASS X/0.2/5P20
-/-VA

BUS COUPLER

+SV

+RW

94	94	94	86
TCS	TCS	TCS	F.F
PD			

94	94	94	86
TCS	TCS	TCS	CR
CCS	CCS	CCS	F.F

COUPLER PROT.
50BF/50/5150N/51N
50EF/ER/FR

BCU
BCU/25/ER/FR
VSL
FROM B.B. C.VTs

NOTE:

- 1- THIS DRAWING IS FOR BIDDING PURPOSE ONLY
 - 2- ALL RELAYS SHALL SUPPORT IEC-61850 PROTOCOL.
 - 2- ALL RELAYS PHYSICAL LINK SHALL FOLLOW THE EXISTING SCHEME.
- * THE BURDEN OF CTs AND CVTs SHALL BE FINALIZED AT DETAIL DESIGN STAGE BY EPC CONTRACTOR, SUBJECT TO APPROVAL OF BURDEN CALCULATIONS BY CLIENT/CONSULTANT.

132kV BUS COUPLER PROTECTION SLD

5

REFERENCE DRAWINGS			
REVISED NO.	TITLE		
<input type="checkbox"/> APPROVED	<input type="checkbox"/> APPROVED WITH COMMENTS	<input type="checkbox"/> NOT APPROVED	<input type="checkbox"/> FOR INFORMATION
DATE: _____		SIGNATURE/STAMP: _____ PROJECT CONSULTANT	
		KENYA ELECTRICITY TRANSMISSION COMPANY LTD	
		COLENCO CONSULTING LIMITED	
PROJECT: KENYA TRANSMISSION NETWORK IMPROVEMENT PROJECT (KTRNP)			
PROJECT DRAWING NO. _____			
PREPARED	NAME: _____	DATE: _____	PROJECT NO. _____
DRAWN	NAME: _____	DATE: _____	
CHECKED	NAME: _____	DATE: _____	
APPROVED	NAME: _____	DATE: _____	
132kV BUS COUPLER PSLD			
TWO NAME DATE			
SCALE: 1:800	DWG NO. RUMURUTI-132KV BC-PSLD-003	REV: 02	