



#### NOTE:

- 1- ALL RELAYS SHALL SUPPORT IEC61850 PROTOCOL.
- 2- ALL RELAYS SHALL HAVE FIBER OPTIC PHYSICAL LINK.
- 3- THE EXISTING HIGH IMPEDANCE BUSBAR PROTECTION RELAYS SHALL BE DISMANTLED, DECOMMISSIONED AND HANDED OVER TO KETRACO.
- 4- ALL MODIFICATION OF EXISTING BUSBAR PROTECTION SYSTEM ARE IN SCOPE OF WORK.
- 5- ALL SPECIFICATION (INCLUDING BURDEN, CLASS, RATIO, RESISTANCE, KNEE POINT AND ETC.) OF CT CORES USED FOR BUSBAR PROTECTION MUST BE EXACTLY THE SAME.
- 6- THE DRAWING IS FOR BIDDING PURPOSE ONLY.
- 7- THE BURDENS OF CTs AND VTs TO BE FINALIZED AT EPC DETAILED DESIGN STAGE BY CONTRACTOR, SUBJECT TO APPROVAL OF BURDEN CALCULATIONS BY CLIENT/CONSULTANT.
- 8- THE QUANTITY OF HIGH SPEED AUXILIARY RELAYS SHALL BE FINALIZED AT DETAIL DESIGN STAGE BY CONTRACTOR, SUBJECT TO CLIENT/CONSULTANT APPROVAL.

REFERENCE DRAWINGS	
REVISIONS	NO.
APPROVED	APPROVED WITH COMMENTS
DATE	SIGNATURE/STAMP "PROJECT CONSULTANT"
KENTA ELECTRICITY TRANSMISSION COMPANY LTD	
COLENCO CONSULTING LIMITED	
PROJECT: KENTA TRANSMISSION NETWORK IMPROVEMENT PROJECT (KTRNP)	
PROJECT DRAWING NO.	PROJECT NO.
PREPARED: [Name]	DATE: [Date]
DRAWN: [Name]	INTEGRATED: [Name]
CHECKED: [Name]	INTEGRATED: [Name]
APPROVED: [Name]	INTEGRATED: [Name]
PROJECT NAME: KABARNET-33KV-BUSBAR-PSD-003	
SCALE: 1:800	SWG NO: 03