4.0 DETAILED SPECIFICATIONS FOR RELAYS, INSTRUMENTS AND CONTROL DEVICES.

These specifications indicate the required performance characteristics for each of the Protection Relays.

4.4.25 Bistable Auxiliary Relay.

- Ratings: DC supply : 110-125VDC, (+10%, -20%)
- Two identical stable latched positions with position indicators
- Medium or Heavy duty contacts.
- With at least 5NO and 5NC or 8CO contacts
- Contact Ratings of >10A, 250VDC
- With two dc coils one for each position.
- At least 3 Contacts shall of Rating 30A, 250VDC continuous rating.
- No continuous power consumption (coil cut-off contacts).
- To be supplied complete with base for straight wiring not requiring special tools or lug.
- Preferable base for DIN Rail mounting inside protection and control cubicles.
- Terminals should be able to take up to $4mm^2$ wiring cable.
- Contact operating time (or change-over time) ≤25ms.
- Operating temperature range -25 to 55°C.
- Insulation tested to 2.5kV
- Dimensions : Less than LxWxD of 120mmx60mmx120mm.
- Weight of one relay must not be more than 1.00kg.

Clause	KPLC Requirements	Bidder Offer
4.4.25.1	Full Model Number Offered	
4.4.25.2	Name of Manufacturer	
4.4.25.3	Ratings: DC supply 110-125VDC	
4.4.25.4	Two identical stable latched positions with position indicators	
4.4.25.5	Medium or Heavy duty contacts. Contact Ratings of ≥10A, 250VDC	
4.4.25.6	With at least 5NO and 5NC or 8CO contacts	
4.4.25.7	With two 110VDC coils one for each position.	
4.4.25.8	At least 3 Contacts shall of Rating 30A, 250VDC continuous rating.	
4.4.25.9	No continuous power consumption (coil cut-off contacts).	

4.4.25.10	To be supplied complete with base for straight wiring not requiring special tools or lug.	
4.4.25.11	Preferable base for DIN Rail mounting inside protection and control cubicles.	
4.4.25.12	Terminals should be able to take up to $4mm^2$ wiring cable.	
4.4.25.13	Contact operating time (or change-over time) ≤25ms.	
4.4.25.14	Operating temperature range -25 to 55°C.	
4.4.25.15	Insulation tested to 2.5kV	
4.4.25.16	Dimensions: Less than LxWxD of 120mmx60mmx120mm.	
4.4.25.17	Weight of one relay must not be more than 1.00kg.	
4.4.25.18	Clear transparent cover which can reveal the contact status & positions.	