

SPECIFICATION NUMBER ENG 99-06

SPECIFICATION

FOR

POLE MOUNTED 200 AMPERE

VACUUM INTERRUPTED

SWITCH

MAY 25, 1999

LAKELAND ELECTRIC

LAKELAND, FLORIDA

Specification for Vacuum Switches ENG99-06

The City of Lakeland is requesting bids for pole mounted switches that will be used for interrupting loads on a 12.47kV grounded distribution system. The switches must conform to or exceed any and all ANSI, IEEE, and NEMA standards for switches and interrupting devices. The Specific requirements are described below.

1. Type: Outdoor, Vacuum (Solid dielectric, no oil).
2. Voltage rating: 15kV.
3. Minimum ampere rating: 200 Amps.
4. Three phase.
5. Making current: 9kA momentary
6. 95kV BIL.
7. Porcelain insulated.
8. Solenoid operated.
9. Manual trip lever.
10. Minimum 6 pin connector.
11. Minimum of 2 auxiliary contacts.
12. 120 VAC control voltage.
13. Mounting bracket for pole mounting.
14. Visual position indicator (open-closed).