SECTION 16440  
DISCONNECT SWITCHES  

PART 1 GENERAL  

1.1 WORK INCLUDED:  
A. Disconnect switches.  
B. Fuses.  
C. Enclosures.  

1.2 REFERENCES  
A. ANSI/UL 198C - High-Intensity Capacity Fuses; Current Limiting Types.  
B. ANSI/UL 198E - Class R Fuses.  
C. FS W-F-870 - Fuse holders (For Plug and Enclosed Cartridge Fuses).  
D. FS W-S-865 - Switch, Box, (Enclosed), Surface-Mounted.  
E. NEMA KS 1 - Enclosed Switches.  

1.3 SUBMITTALS  
A. Submit product data under provisions of Section 01300.  
B. Include outline drawings with dimensions, and equipment ratings for voltage, capacity, horsepower, and short circuit.  

PART 2 PRODUCTS  

2.1 ACCEPTABLE MANUFACTURERS - DISCONNECT SWITCHES  
A. Square D.  * currently used on site  
B. General Electric.  * currently used on site  
C. Cutler Hammer.  
D. Siemens/ITE.  

2.2 DISCONNECT SWITCHES  
A. Fusible Switch Assemblies: NEMA KS-1; Type HD; quick-make, quick-break, load interrupter enclosed knife switch with externally operable handle interlocked to prevent opening front cover with switch in ON position. Handle lockable in OFF position. Fuse Clips: Designed to accommodate Class R fuses.  
B. Non-fusible Switch Assemblies: NEMA KS-1; Type HD; quick-make, quick-break, load interrupter enclosed knife switch with externally operable handle interlocked to prevent opening front cover with switch in ON position. Handle lockable in OFF position.  
C. Enclosures: NEMA KS-1; as indicated on Drawings.  
D. Provide ground bar kit for equipment grounding conductors.  
E. Provide neutral bar kit where neutral(s) are present in disconnect switch.  

2.3 ACCEPTABLE MANUFACTURERS - FUSES  
A. Gould Shawmut.  
B. Bussmann.  
C. Reliance Fuse.  
D. Substitutions: Under provisions of Section 01600.  
E. Little Fuse  

2.4 FUSES  
A. Fuses 600 Amperes and Less: ANSI/UL 198E, Class RK1; or RK5, keep dual element, current limiting, time delay, one-time fuse, 250 or 600 volt.
B. Interrupting Rating: 200,000 rms amperes.

PART 3 EXECUTION

3.1 INSTALLATION
   A. Install disconnect switches where indicated on Drawings.
   B. Install fuses in fusible disconnect switches.

END OF SECTION