SECTION 262200 – LOW-VOLTAGE TRANSFORMERS

PART 1 - GENERAL

1.1 RELATED DOCUMENTS

A. Drawings and general provisions of the Contract, including General and Supplementary Conditions and Division 01 Specification Sections, apply to this Section.

1.2 SUMMARY

A. Section Includes:
   1. This Section specifies the low-voltage dry transformers for buildings and structures.
   2. Provide all labor, materials, and equipment as necessary to complete all work as indicated on the drawings, and as specified herein for a complete operating system.

B. Related Sections:
   1. Applicable sections of Division 26 - Electrical

1.3 SUBMITTALS

A. Shop Drawings
   1. Dry transformers

1.4 QUALITY ASSURANCE

A. Comply with NEC as applicable to the installation and construction of electrical power/distribution transformers.

B. Comply with applicable portions of NEMA Std. Pub/No.’s ST-20 and ANSI C57.12.50 pertaining to power/distribution transformers.

C. Comply with applicable requirements of ANSI/UL 506 “Safety Standard for Specialty Transformers”. Provide power/distribution transformers and components that are U.L. listed and labeled.
PART 2 - PRODUCTS

2.1 DRY TRANSFORMERS

Note information to be shown on the drawing.

A. Transformers shall be of size and rating as noted on drawing.

B. Transformers shall be such as manufactured by Cutler Hammer, General Electric, Siemens, or Square D.

Choose one of the following sentences.

C. Transformer shall have 2-5% taps FCBN.

D. Transformer shall have two 2-1/2% taps FCAN and four 2-1/2% taps FCBN.

2.2 DRY ISOLATION TRANSFORMERS

A. Rating of isolation transformer shall be as noted and shown on drawing and have 150 degree C insulation, two 5% taps, one FCAN and one FCBN and have electrostatic shield.

B. Transformers shall be such as manufactured by Cutler Hammer, General Electric, Siemens, or Square D.

C. All bus way shall be Square D I-Line or approved equal.

PART 3 - EXECUTION

Not used.

END OF SECTION 262200