

DIVISION 26 (ELECTRICAL) PREFERRED MANUFACTURERS**GENERAL INFORMATION**

- 1.1 Preferred Manufacturers are manufacturers of products that have worked well for the University on past projects.
- 1.2 This list is intended to cover major equipment listed in the Specification sections. This list does not absolve the Consultant/Contractor from reading and complying with the requirements set forth in the Design Requirements sections and applying sound engineering practices. Products not listed here may be found in the individual sections.
- 1.3 Corrections/Substitutions: If there are errors in model numbers or manufacturers listed, or if a model is no longer available, notify Columbia University Facilities in writing for a clarification. A response regarding the Correction or Substitution will be provided.

DESIGN REQUIREMENTS**26 05 03 SURFACE RACEWAYS AND WIREWAYS**

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| 1. Surface Raceway | 2. Wireway |
| a. B-Line Systems, Inc. | a. B-Line Systems, Inc. |
| b. Wiremold Co. | b. Square D Co. |
| | c. Wiremold Co. |

26 05 19 LOW VOLTAGE ELECTRICAL POWER CONDUCTORS AND CABLES

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| 1. Wire and Cable | 3. Split Bolt Wiring Connectors |
| a. American Insulated Wire Corp. | a. Burndy |
| b. Rome Cable | b. Ideal Industries, Inc. |
| c. Cablec Co. | c. Panduit |
| 2. Metal Clad Cable | 4. Solderless Pressure Wiring Connectors |
| a. American Insulated Wire Corp. | a. Minnesota Mining and Manufacturing; "Scotch Lok" |
| b. Rome Cable | b. Gardner Bender; "Uni-Lok" |
| c. Cablec Co. | c. Ideal Industries, Inc; "B-CAP" |

26 05 26 GROUNDING AND BONDING FOR ELECTRICAL SYSTEMS

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| 1. Rod Electrodes | b. Thomas & Betts |
| a. Thomas & Betts Corp. | c. O-Z/Gedney |
| b. Independent Protection Co., Inc. | |
| c. AB. Chance Co. Fittings | |
| 2. Mechanical Connectors | |
| a. Burndy Corp. | |

3. Exothermic Connectors
 - a. BurndyCorp.

- b. Cadweld
- c. Thermoweld

26 05 29 HANGERS AND SUPPORTS FOR ELECTRICAL SYSTEMS

1. Supporting Devices
 - a. Allied Tube & Conduit
 - b. B-Line Systems, Inc.
 - c. Unistrut Diversified Products

26 05 33 RACEWAYS AND BOXES FOR ELECTRICAL SYSTEMS

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| <ol style="list-style-type: none">1. Rigid Metal Conduit<ol style="list-style-type: none">a. Allied Tubeb. Triangle PWC, Inc.c. Wheatland Tube Co.2. PVC Coated Rigid Metal Conduit<ol style="list-style-type: none">a. Ocal Blueb. Perma-Cote Industriesc. Robroy Industries3. Electrical Metallic Tubing (EMT)<ol style="list-style-type: none">a. Allied Tube.b. Triangle PWC, Inc.c. Wheatland Tube Co.4. Flexible Metal Conduit<ol style="list-style-type: none">a. Anamet Inc.b. American Flexible Conduitc. Thomas & Betts.5. Liquid-Tight Flexible Metal Conduit<ol style="list-style-type: none">a. Anamet Inc.b. American Flexible Conduitc. Thomas & Betts | <ol style="list-style-type: none">6. Aluminum Conduit<ol style="list-style-type: none">a. Triangle, PWC, Inc.b. Wheatland Tube Co.7. Rigid Nonmetallic Conduit<ol style="list-style-type: none">a. Carlonb. Nationalc. Allied Tube and Conduit8. Fittings and Conduit Bodies<ol style="list-style-type: none">a. Appleton.b. Crouse-Hindsc. O-Z Gedneyd. Steel City9. Sealing Fittings<ol style="list-style-type: none">a. Appletonb. Crouse-Hindsc. O-2 Gedney |
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26 05 36 CABLE TRAYS FOR ELECTRICAL SYSTEMS

- a. MP Husky Corp.
- b. P-W Industries, Inc.
- c. B-Line Systems

26 05 53 IDENTIFICATION FOR ELECTRICAL SYSTEMS

1. Electrical Identification
 - a. Brady, Co. or Emed Co., Inc.
 - b. Ideal Industries, Inc. or LEM Products, Inc.
 - c. Markal Company or Panduit Corp.
 - d. Seton Name Plate Co or Standard Signs, Inc.

26 09 23 LIGHTING CONTROL DEVICES

Note - This section has specific Model Numbers and Equipment listed within the Design Requirements.

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| <ul style="list-style-type: none">1. Contactors and Relays<ul style="list-style-type: none">a. Automatic Switch Co.b. Square D Co.c. Zenith Controls, Inc.2. Time Switches<ul style="list-style-type: none">a. Paragon Electric Co., Inc.b. Tork, Inc.c. Wattstopper, Inc. | <ul style="list-style-type: none">3. Photoelectric Relays<ul style="list-style-type: none">a. Paragon Electric Co., Inc.b. Tork, Inc.4. Occupancy Sensors<ul style="list-style-type: none">a. Hubbell Lighting, Inc.b. Novitas, Inc.c. Watt Stopper, Inc |
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26 10 00 MEDIUM VOLTAGE ELECTRIC TRANSMISSION

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| <ul style="list-style-type: none">1. Cable<ul style="list-style-type: none">a. Keriteb. Okonite Companyc. Rome Cable Corporation | <ul style="list-style-type: none">2. Cable Splicing and Terminations<ul style="list-style-type: none">a. Burndy Corp.b. G&W Electricc. Joslynd. Thomas and Bettse. Raychemf. 3M |
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26 11 16 SECONDARY UNIT SUBSTATIONS

- a. ABB Power
- b. General Electric
- c. Siemens
- d. Square D Co.

26 22 00 LOW VOLTAGE TRANSFORMERS

- 1. Dry Type Transformers
 - a. Eaton (Cutler-Hammer)
 - b. Square "D" Company.
 - c. Sola/Hevi-Duty

26 24 13 SWITCHBOARDS

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| <ul style="list-style-type: none">1. Fuse Type Switchboards<ul style="list-style-type: none">a. Cutler Hammerb. General Electric Coc. Square "D" Co | <ul style="list-style-type: none">2. Circuit Breaker Type Switchboards<ul style="list-style-type: none">a. Cutler Hammer.b. General Electric Co.c. Square "D" Co. |
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26 24 19 MOTOR CONTROL CENTERS

- a. Cutler-Hammer
- b. General Electric
- c. Square "D" Co.
- d. Siemens

26 27 16 ELECTRIC CABINETS AND ENCLOSURES

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| <ul style="list-style-type: none">1. Fittings<ul style="list-style-type: none">a. Appletonb. Steel Cityc. Thomas & Betts | <ul style="list-style-type: none">2. Cabinets and Enclosures<ul style="list-style-type: none">a. Erickson Electrical Equipment Co.b. Hoffman Engineering Co.c. Spring City Electrical Mfg. |
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26 27 26 WIRING DEVICES

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| <ul style="list-style-type: none">1. Wall Switches AND Receptacles<ul style="list-style-type: none">a. Hubbellb. Levitonc. Bryant2. Dimmer Switches<ul style="list-style-type: none">a. Lutronb. Leviton | <ul style="list-style-type: none">3. Wall Plates<ul style="list-style-type: none">a. Hubbellb. Levitonc. Bryant4. Poke Thru Floor Fittings<ul style="list-style-type: none">a. Steel City, Midland Rossb. Wiremold Co. |
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26 28 13 FUSES

- a. Bussmann Div., Cooper Industries, Inc.
- b. General Electric Co.
- c. Gould, Inc.

26 28 18 CIRCUIT AND MOTOR DISCONNECTS

- 1. Circuit and Motor Disconnects
 - a. General Electric Co.
 - b. Square "D" Company
 - c. Cutler Hammer

26 32 13 ENGINE GENERATORS AND ACCESSORIES

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| 1. Diesel Engine-Generator Sets | 6. Batteries |
| a. Caterpillar Tractor Co. | a. Nife |
| b. Cummins-Onan | b. Exide |
| c. Kohler Co. | c. Sears Die-Hard |
| 2. Governors | 7. Chargers |
| a. Barber-Coleman | a. Nife |
| b. Woodward | b. LaMarche |
| 3. Regulators | 8. Enclosures |
| a. Caterpillar | a. Pritchard Brown |
| b. Basler | b. Steca |
| c. Kohler | 9. Transfer Switches |
| 4. Vibration Isolators | a. ASCO |
| a. Mason | b. Kohler |
| b. Silex | c. RussElectric |
| c. Vibration Mountings | |
| 5. Silencers | |
| a. Nelson | |
| b. Maxim | |
| c. Universal | |

26 33 53 UNINTERRUPTABLE POWER SUPPLY SYSTEMS

1. Uninterruptable Power Supply
 - a. Liebert
 - b. Exide
 - c. APC

26 50 00 LIGHTING

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| <ul style="list-style-type: none">1. Standard Ballasts<ul style="list-style-type: none">a. Advance Transformerb. MagneTek2. Dimming Ballasts<ul style="list-style-type: none">a. Lutron3. Lamp Manufacturers<ul style="list-style-type: none">a. General Electric.b. Philips. | <ul style="list-style-type: none">c. Sylvaniad. Cree4. Mechanical Room Fixtures<ul style="list-style-type: none">a. UL Lighting Vapor Tight VT401-232-T8-EB-MV-ARb. Lithonia Lighting FEM4-2-32-x32-BMBCL |
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UNDERGROUND ELECTRICAL WORK

- 1. Underground Precast Concrete Utility Structures
 - a. Lakelands Pre-Cast, Inc.
 - b. Rotondo Precast/Old Castle
 - c. The Fort Miller Co.
- 2. Frames and Covers
 - a. Campbell Foundry Co.
 - b. McKinley Iron Works, Inc.
 - c. Neenah Foundry Co.
- 3. Accessories
 - a. Amco Corp.
 - b. Certainteed Corp.
 - c. Carlon Electrical Products

28 31 00 ADDRESSABLE FIRE ALARM SYSTEMS

- 1. Addressable Fire Alarm Systems
 - a. Siemens, Cerberus Division (MXL)
 - b. Notifier
 - c. Simplex
 - d. Edwards/System

END OF SECTION