

FACILITIES STANDARD

NAME : Electrical Unit Prices
NUMBER : 16002

ORIGINAL DATE : 06-12-95
REVISION DATE : 01-05-98

PURPOSE:

1. The general purpose of each Facilities Standard is to provide minimal criteria for construction materials at University facilities regarding code compliance, warranty, approved products, execution and uniformity.
2. To protect the health and safety of patients, visitors, students, faculty and staff, in addition to protecting non-project UAB property, all construction must be in accordance with: NFPA 241 safeguarding construction, alteration and demolition operations; Standard Building Code, Chapter 33, regarding site work, demolition and construction; NFPA 101 Life Safety Code.
3. Construction safety is the responsibility of the contractor in accordance with the regulations and codes of the agency having jurisdiction, and according to the guidelines adapted by OSHA.
4. The **Electrical Unit Prices Facilities Standard** establishes a series of guidelines for specifying this particular item on any construction project at the University. ***This Facilities Standard is not to be regarded as a specification.***

GENERAL:

This unit price Schedule requires firm (not subject to escalation) Unit Price data that includes both material dollars and composite labor dollars. Unit prices shall be used for addition or deletion of work by Change Order. The difference between addition and deletion unit price shall not exceed 25%. Unit prices shall remain in force throughout the scope of the project.

MATERIAL

The estimated material portion in the quoted per unit for every item listed in this section shall be calculated in dollars per unit and shall include cost for sales/use tax, direct/indirect costs, overhead and profit, etc.

To determine billing price, these base costs will not be multiplied again by the percent (%) of material mark-up previously submitted in the Contractor's Bid Form.

LABOR DOLLARS

Labor dollars portion in the quoted per unit price for every item in this section is in journeyman manhours per unit, multiplied by a composite crew total labor rate. No further multiplication will be used to determine billing price.

INSTRUCTIONS

Contractor is advised to calculate unit cost data based on the specific requirements of the project with the consideration and reminder that the "average number of fittings" and support hardware may be different from projects he may have previously quoted.

CATEGORY-1 EMPTY CONDUITS:

1. ***Unit costs for installing empty conduits shall include the following material and associated labor for each 100 feet of run:***
 - A. Conduit
 - B. Average number of Conduit Fittings
 - C. All Support Hardware
 - D. Average number of Conduit Elbows

CATEGORY-2 WIRE & CABLE:

2. ***Unit cost for installing wire and cable shall include the following material and associated labor for each 1,000 feet of wire and cable:***
 - A. Pulling Wire or Cable
 - B. Pulling Compound
 - C. Cable or Wire Testing if required
 - D. Termination at both sides

CATEGORY-3 LIGHTING FIXTURES:

3. ***Unit cost for each type of lighting fixture shall include the following material and associated labor:***

- A. Fixture
- B. Lamp(s)
- C. Conduit Stem if required
- D. Fixture wire
- E. Conduit Fittings
- F. All Connectors and Terminations
- G. The share of cost for branch circuit raceway and wiring from the fixture to its associated panelboard (equivalent to 30 feet of ½" conduit and three #12 AWG)
- H. Support Hardware
- I. Check-out and Testing

CATEGORY-4 WIRING DEVICES:

- 4. Unit cost for each type of wiring device shall include the following material and associated labor:**

- A. Outlet Box and Wiring Device
- B. Conduit Fittings
- C. All connectors, marking and terminations
- D. The share of the cost for branch circuit raceway and wiring from the wiring device to its associated panelboard.
- E. Support Hardware
- F. Check-out and Testing

CATEGORY-5 SIGNAL DEVICES:

- 5. Unit cost for each type of signal device, e.g. voice/data outlet, fire alarm smoke detector, shall include the following material and associated labor:**

- A. Outlet Box and Signal Device
- B. Conduit Fittings
- C. All connectors, marking and terminations
- D. Support Hardware
- E. Raceway and average number of fittings for run and wires or cable to associated Control Panel or Terminal Box or Backboard
- F. Check-out and Testing

Note that Home run from Control Panel or Terminal Box to Main Control Panel, if applicable, shall be priced with the unit cost for raceway (conduit) and wire or cable.

CATEGORY-1 EMT CONDUIT AND FITTINGS - PER 100 FEET:

ITEM	UNIT PRICE (\$) ADD	UNIT PRICE (\$) DELETE
1/2"		
3/4"		
1"		
1 1/4"		

CATEGORY-1 HDG RIGID STEEL CONDUIT AND FITTINGS - PER 100 FEET:

ITEM	UNIT PRICE (\$) ADD	UNIT PRICE (\$) DELETE
1/2"		
3/4"		
1"		
1 1/4"		

CATEGORY-2 NEC TYPE THHN/THWN WIRE - PER 1000 FEET:

ITEM	UNIT PRICE (\$) ADD	UNIT PRICE (\$) DELETE
#14 AWG		
#12 AWG		
#10 AWG		
#8 AWG		

CATEGORY-2 NEC TYPE XHHW WIRE - PER 1000 FEET:

ITEM	UNIT PRICE (\$) ADD	UNIT PRICE (\$) DELETE
#14 AWG		
#12 AWG		
#10 AWG		
#8 AWG		

CATEGORY-2 SPECIALTY WIRE AND CABLE - PER 1000 FEET:

ITEM	UNIT PRICE (\$) ADD	UNIT PRICE (\$) DELETE
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CATEGORY-3 LIGHTING FIXTURES:

SYMBOL	UNIT PRICE (\$) ADD	UNIT PRICE (\$) DELETE
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CATEGORY-4 WIRING DEVICES:

SYMBOL	UNIT PRICE (\$) ADD	UNIT PRICE (\$) DELETE
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CATEGORY-5 SIGNAL DEVICES:

SYMBOL UNIT PRICE (\$) ADD UNIT PRICE (\$) DELETE

PRODUCTS:

Not applicable

EXECUTION:

Not applicable

END OF STANDARD

Prepared by: _____

Revised by:

Samy A. George

Reviewed and
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Approved :

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