Electrical Material

National Electrical Contractors Association (NECA)

http://www.necanet.org/

NECA is the voice of the $171 billion electrical construction industry that brings power, light, and communication technology to buildings and communities across the U.S.

NECA Manual of Labor Units (MLU)

An estimate is only as good as the information it is based on, and the NECA Manual of Labor Units (MLU) has been the estimating resource of choice for electrical contractors since 1923. The MLU provides an experience-based reference for estimating the electrical construction labor required to install typical electrical and communications systems. The labor unit data comes directly from a national average of NECA's member contractors and is reviewed and updated bi-annually to ensure you have the best information to accurately estimate.

NECA Categories of Work

The NECA Manual of Labor Units divides electrical materials into 14 categories. Many electrical contractors use a different breakdown of electrical material for estimating purposes.

SECTION	TITLE
01	Integrated Building Systems
02	Conduit, Raceways, Fittings, & Related Items
03	Wire, Cable, Lugs, Terminations, Busway & Bus Duct
04	Switchboards, MCC's, Panelboards, & Power Equipment
05	Lighting Fixtures, Poles, Parking Lot Lighting
06	Wiring Devices
07	Hazardous Systems
08	Grounding & Lighting Protection Systems
09	Heating Equipment Connections
10	Temporary Power & Lighting
11	Outdoor Overhead and Underground Systems
12	Equipment Installation and Connections
13	Industrial Control and Instrumentation
14	Alternative Energy Systems

Labor Units

E = One or per each item
C = Per hundred items
C = Per hundred linear feet of the item
M = Per thousand linear feet of the item
LF = Linear Foot
CY = Cubic Yard

Labor Units (Installation Conditions)

NECA 1	Normal (N)
NECA 2	Difficult (D)
NECA 3	Very Difficult (VD)