

Transmission & Distribution
Material & Installation Specification

Guy Wire

I. Quantity

The base bid shall include the indicated length of guy wire of this type furnished and installed as hereinafter specified and as shown on contract drawings.

II. Material

- A. The material shall be equal in quality, design, performance, and appearance to the guy wire specified on drawing TDMIS-110.
- B. Guy Wire- Guy wire to be Alumoweld steel, .386" O.D., 7 strand with 16,000 lbs. breaking strength per DOP Wire and Cable specifications.
- C. Guy wire to be high strength galvanized steel, 5/8" diameter, 7-strand, maximum breaking strength of 29,000 lbs.

III. Installation

- A. Guy wires must be installed before line conductors are installed. Guy wires shall be pulled taut by means of a hoist until the pole is pulled over slightly toward the guy. After conductors are pulled and up to initial sag, guys shall be adjusted to assure pole rake is one pole width towards the guy.

IV. Method of measurement

Guy strain insulators, (and respective components), shall be included as a component of various other down guy and span guy modules.

V. Basis of payment

Shall be included within applicable modules.

CITY OF COLUMBUS DEPT. OF PUBLIC UTILITIES – DIVISION OF POWER GUY WIRE		
DRAWN BY: AEC	DATE: 01/01/2018	TDMIS-110
APPROVED: R. SPRITE		
SHEET 1 of 2		

SCHEDULE			
ITEM #	SUFFIX NO.	PART#	DESCRIPTION
1	16	19987	WIRE, GUY 16M LB
1	25	19988	WIRE, GUY 25M LB

ITEM LIST			
ITEM #	DESCRIPTION	PART #	QTY.
①	WIRE, GUY WIRE (AS REQUIRED)	SEE SCH	40

CITY OF COLUMBUS, OHIO DEPT. OF PUBLIC UTILITIES - DIVISION OF POWER			
GUY WIRE			
MPGW			
DRAWN BY: AEC	DATE: 01/01/2018	TDMIS-110	
APPROVED: R. SPRITE			
SCALE: NONE	SHEET: 2 OF 2		