

Transmission & Distribution
Material & Installation Specification

Existing Overhead Transmission & Distribution System Removal

I. Quantity

The base bid shall include the removal of the existing overhead transmission and distribution system as hereinafter specified.

II. Material

All material to be removed, with salvage value as determined by the Engineer, shall remain the property of the City of Columbus, Division of Power. All other material which is removed shall be disposed of by the contractor.

III. Removal

The existing system shall be removed and disassembled or discarded as shown on the drawings or as indicated in the field by the engineer. The removal shall consist of any or all the following items:

1. Wire and cable
2. Insulators
3. Cross arms and hardware (All hardware shall be stripped from crossarms)
4. Switches
5. Guys and anchors and rods
6. Transformers and associated hardware
7. Poles
8. Miscellaneous hardware and equipment

When poles are pulled from the ground, removal methods shall be used which ensure that other existing installations such as adjacent pavements etc., which are to remain in place will not be damaged.

The hole shall be backfilled and compacted in accordance with latest edition of CMS section 9.

If the pole is removed from a concrete sidewalk, the section of the sidewalk shall be replaced in accordance with latest edition of CMS section 6.

Wire and cable shall be collected on collapsible reels and secured into coils and stacked on pallets at the DOP yard. Wire and cable shall be separated by type and size, i.e., CWC, SDC, ACSR, guy strand, etc.

When directed by the engineer that wire and cable is to be reused at a new location, it shall be handled with care, not dragged, and shall be put up on reels.

If the pole is removed from a brick sidewalk or other paved area, the surface shall be restored with similar materials, as shown on the plans and as directed by the engineer.

The contractor shall be responsible for any damage to salvageable materials due to improper removal methods used or carelessness and shall replace such materials at no additional cost to the City.

All salvageable material removed shall be promptly delivered to the DOP Distribution Warehouse, 3500 Indianola Avenue, unless the contractor is otherwise notified by the engineer. All material must be checked in by storeroom personal before it is unloaded. Arrangements shall be made through the engineer, 48 hours prior to delivery of materials to be returned to the Distribution Warehouse.

IV. Method of measurement

Wire and cable shall be measured per thousand (1000) lineal foot measured from pole to pole and/or pole to structure. No additional shall be allowed for sag, removal of ties, removal of dead ends. No additional shall be allowed for rollers or lines / ropes that are required for safe removal.

Hardware and apparatus shall be measured per each item or assembly similar to new TDMIS numbered assembly.

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| CITY OF COLUMBUS DEPT. OF PUBLIC UTILITIES – DIVISION OF POWER | | |
| EXISTING OVERHEAD TRANSMISSION & DISTRIBUTION SYSTEM REMOVAL | | |
| DRAWN BY: AEC | DATE: 01/01/2018 | TDMIS-1600 |
| APPROVED: <i>[Signature]</i> | | |
| SHEET 1 of 2 | | |

V. **Basis of payment**

| Items | Unit | Description |
|------------|------------------|---|
| TDMIS-1600 | 1000 linear foot | Wire and cable as specified above removed |

Example:
 1,248 LF = 1.284 * unit price per thousand LF

| | | |
|------------|------|-----------------------|
| TDMIS-1600 | Each | Hardware or apparatus |
|------------|------|-----------------------|

Example:
 Remove one pin and insulator assembly = 1 x (removal unit price) for TDMIS-20

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| | SHEET 2 of 2 | |