Transmission & Distribution
Material & Installation Specification

Existing Underground Distribution System Removal

I. Quantity

The base bid shall include the removal of the existing underground distribution system as hereinafter specified.

II. Material

All materials to be removed, with salvageable 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:

A. Cable

B. Duct (abandon in place or remove as needed)

C. Vaults, manholes, pullboxes (abandon in place or remove as needed)

D. Switches

E. Transformers, and associated hardware

F. Miscellaneous equipment and hardware

Cable shall be collected on collapsible reels and secured into coils and stacked on pallets at the DOP yard. Coils shall not exceed maximum bending radius recommended by manufacturer. Cable shall be separated by type and size, i.e., #4/0, 15KV XLP, 350MCM 600V triplex, 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.

When any structures are removed, 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.

Any holes shall be backfilled and compacted in accordance with latest edition of CMS Section 9.

Any damaged concrete sidewalks shall be replaced in accordance with latest edition of CMS Section 6.

Any damage occurs to 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 Division of Power Distribution Warehouse, 3500 Indianola Avenue, unless the contractor is otherwise directed by the engineer. All material must be checked in by storeroom personnel before it is unloaded. Arrangements shall be made through the engineer 48 hours prior to delivery to arrange for material to be returned to the Distribution Warehouse.

IV. Method of measurement

Shall include all labor, equipment, tools, supervision, and safety requirements required for a complete removal operation with site left in a safe and secured condition.

Cable shall be measured per thousand (1000) lineal foot measured point to point from pole to pad, and / or pole to structure, or structure to structure. No additional shall be allowed for rollers or lines / ropes that are required for safe removal.

Cable measurement shall include an additional 50 lineal feet for each riser pole and 15 linear feet for each ground mounted structure or pad.

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

V. Basis of payment

Shall include all labor, equipment, tools, supervision, and safety requirements required for a complete removal operation with site left in a safe and secured condition.

Items	Unit	Description
TDMIS-1601	1000 linear foot	Wire and cable as specified above removed

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

TDMIS-1601	Each	Hardware or apparatus