

**Transmission & Distribution**  
**Material & Installation Specification**

**Single Phase Primary Riser – 200 Amp (One Phase Conductor)**

**I. Quantity**

The base bid shall include the indicated number of Underground Cable Risers of the types specified, furnished, and installed as hereinafter specified.

**II. Material**

- A. The material shall be equal in quality, design, performance to that scheduled on drawing and related TDMIS specifications.
- B. Conduit shall be 5" schedule 40 PVC per TDMIS-1001, 1002 and 1003.
- C. Conduit stand-off bracket shall be Alumaform # CSO-6 or -9 with #STS-5 straps, or engineer approved equal.
- D. Cutouts shall be either 100A or 200A fusible as shown on drawings and shall conform with TDMIS-26.
- E. Lightning arresters shall be "Riser Pole" type and shall conform with TDMIS-27.
- F. Cable and terminations shall conform with TDMIS-1510.

**III. Installation**

- A. The installation shall be as shown on drawing TDMIS-1300.
- B. Installation shall include all labor, tools, equipment, supervision, and materials for a complete and operational riser assembly.

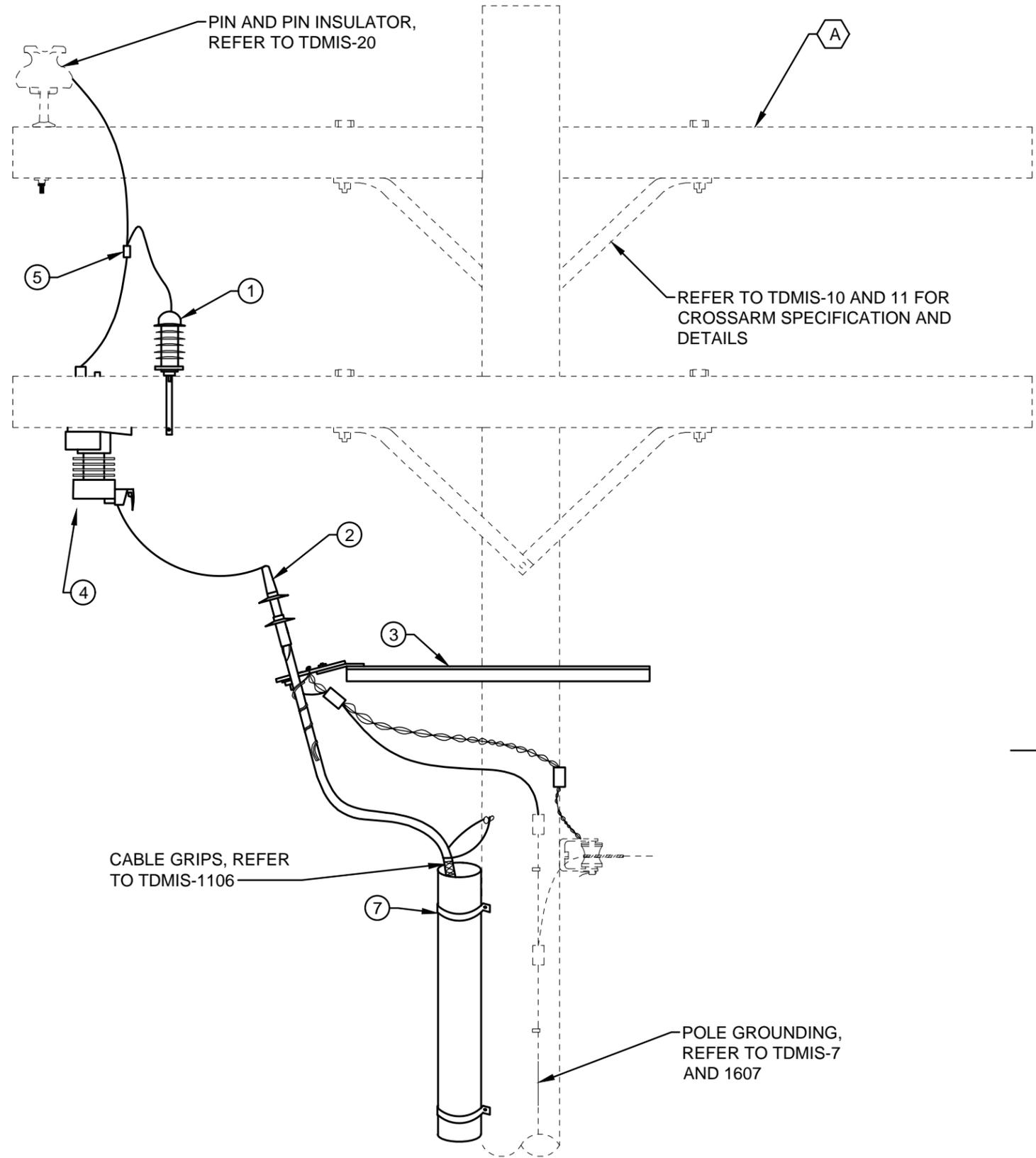
**IV. Method of measurement**

Measurement shall be for each riser assembly including all labor, equipment, tools, materials, supervision, for a complete and operational system assembly. Cable and cable terminations shall not be included here but rather included with the applicable conductor TDMIS.

**V. Basis of payment**

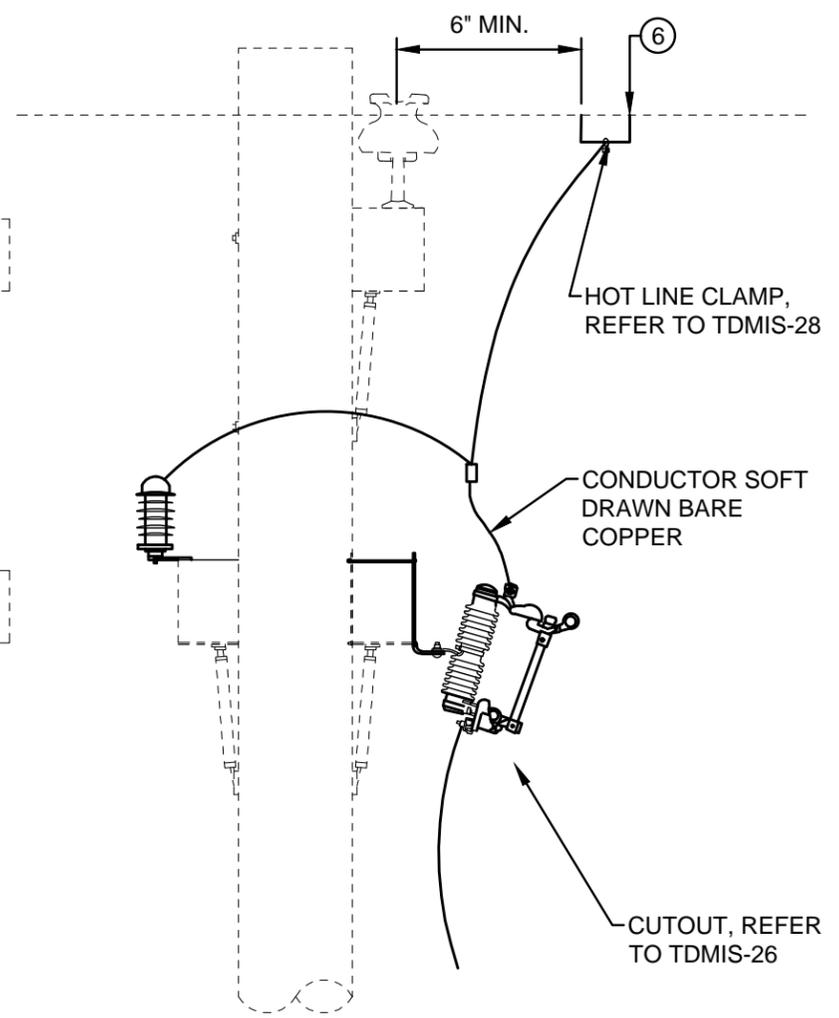
Items	Unit	Description
TDMIS-1300	Each	Single phase primary riser assembly – 200 AMP (one phase conductor)

CITY OF COLUMBUS DEPT. OF PUBLIC UTILITIES – DIVISION OF POWER SINGLE PHASE PRIMARY RISER 200 AMP ONE PHASE CONDUCTOR		
DRAWN BY: AEC	DATE: 01/01/2018	<b>TDMIS-1300</b>
APPROVED: R. SPRITE		
SHEET 1 of 2		



**DETAIL 1**

**SINGLE PHASE PRIMARY RISER - 200 AMP (SINGLE CONDUCTOR)**



**DETAIL 2**  
**OVERHEAD CONNECTION**

**CODED NOTES:**

(A) OVERHEAD CONSTRUCTION COULD BE TANGENT, SPACER CABLE OR DEADEND CONSTRUCTION. REFER TO ASSOCIATED TDMIS RESPECTIVELY.

<b>ITEM LIST</b>			
ITEM#	DESCRIPTION	PART #	QTY.
①	LIGHTNING ARRESTER		1
②	CABLE TERMINATOR	21068	1
③	BRACKET		1
④	CUTOUT	20383	1
⑤	CONNECTOR, H-TAP, COMPRESSION		1
⑥	HOTLINE CLAMP		1
⑦	CONDUIT STRAP		AS REQ

CITY OF COLUMBUS, OHIO  
DEPT. OF PUBLIC UTILITIES - DIVISION OF POWER

**SINGLE PHASE PRIMARY RISER - 200 AMP  
ONE PHASE CONDUCTOR**

DRAWN BY: AEC	DATE: 01/01/2018	<b>TDMIS-1300</b>
APPROVED: R. SPRITE		
SCALE: NTS	SHEET: 2 OF 2	