

**Montana-Dakota Utilities Co.
Cost Estimates for DOCO Subdivision**

COST TO SERVE LOT 6

Riser

BRACKET CABLE	\$30.16
ARRESTER DISTRIB CLASS 3KV	29.70
BRACKET CONDUIT SINGLE	28.40
CAP POLYPROPYLENE WILDLIFE	3.88
CONDUCTOR CU BARE SD 2 7STR	10.40
CONDUIT SCH 80 3 INCH PVC	29.10
CROSSARM 3 1/2 X 4 1/2 X 8FT	15.91
CUTOUT FUSED OPEN 15KV 100A	55.25
HOSE INSULATED SPLIT	15.18
HOSE INSULATED SPLIT	2.77
TERMINATOR CABLE JCN 15KV 1/0	46.86
Subtotal	<hr/> \$267.61

Transformer

25KVA Padmount Transformer	\$1,230.00
BASE TRANS BOX PAD 25KVA & UP	164.17
CLAMP GRD ROD 5/8 TO #8-1/0 CU	1.09
ELBOW LOADBREAK 1/0 ALUM 15KV	26.41
ELBOW ARRESTER 1/0	77.01
ROD GROUND 5/8 X 10FT CW	12.87
Subtotal	<hr/> \$1,511.55

Primary Cable

Cable 880' @ \$1.92/Ft.	\$1,690.00
Conduit 2" HDPE 206' @ \$1.51/Ft.	309.55
Trenching 365' @ \$1.00/Ft.	365.00
Trenching 250' @ \$0.50/Ft.	125.00
Road Bore 225' @ \$8/Ft.	1,800.00
Subtotal	<hr/> \$4,289.55

Labor (With Loading)

Foreman \$45.95/Hr. x 8 Hr.	\$367.60
Two Linemen \$42.06/Hr. x 8 Hr.	672.96
Subtotal	<hr/> \$1,040.56

Meter

Cost Of URD Service - Material & Trenching = \$1.77/Ft.	
Average Service Length 300' x \$1.77/Ft.	\$531.00
<u>Labor (With Loading)</u>	
Foreman \$45.95/Hr. x 2 Hr.	91.90
Subtotal	<hr/> \$622.90

Total Cost For Material And Labor 1/

\$7,805.17

*loc. betw
lots 6+7*

*- Betw existing pole
+ transformer*

*- underground
service to
customer*

1/ Not including engineering, overheads and internal equipment services.

Montana-Dakota Utilities Co.
Cost Estimates for DOCO Subdivision

INCREMENTAL COST TO SERVE LOT 7

Cost Of URD Service - Material &Trenching = \$1.77/Ft.	
Average Service Length 300' x \$1.77/Ft.	\$531.00
<u>Labor (With Loading)</u>	
Foreman \$45.95/Hr. x 2 Hr.	91.90
Subtotal	<u>\$622.90</u>
<u>Meter</u>	<u>\$73.00</u>
Total Cost For Material And Labor 1/	<u><u>\$695.90</u></u>

1/ Not including engineering, overheads and internal equipment services.

Montana-Dakota Utilities Co.
Cost Estimates for DOCO Subdivision
INCREMENTAL COST TO SERVE LOT 8, 9, 10 & 11

- remaining lots on south side of sub.

Transformer

25KVA Padmount Transformer	\$1,230.00
BASE TRANS BOX PAD 25KVA & UP	164.17
CLAMP GRD ROD 5/8 TO #8-1/0 CU	1.09
ELBOW LOADBREAK 1/0 ALUM 15KV (2)	52.82
ELBOW ARRESTER 1/0	77.01
ROD GROUND 5/8 X 10FT CW	12.87
Foreman \$45.95/Hr. x 6 Hr.	275.70
Two Linemen \$42.06/Hr. x 6 Hr.	504.72
Subtotal	<u>\$2,318.38</u>

Primary Cable

Cable 940' @ \$1.92/Ft.	\$1,804.80
Trenching 920' @ \$1.00/Ft.	920.00
Subtotal	<u>\$2,724.80</u>

Cost Of URD Service - Material &Trenching = \$1.77/Ft.

Average Service Length 300' x \$1.77/Ft. \$531.00

Labor (With Loading)

Foreman \$45.95/Hr. x 2 Hr.	91.90
	<u>\$622.90</u>
	x 2
Subtotal	<u>\$1,245.80</u>

Cost Of URD Service - Material &Trenching = \$2.38/Ft.

Average Service Length 300' x \$2.38/Ft. \$714.00

Labor (With Loading)

Foreman \$45.95/Hr. x 2.5 Hr.	114.88
	<u>\$828.88</u>
	x 2
Subtotal	<u>\$1,657.76</u>

Meter

	\$73.00
	x 4
	<u>\$292.00</u>

Total Cost For Material And Labor 1/

\$8,238.74

1/ Not including engineering, overheads and internal equipment services.

Montana-Dakota Utilities Co.
Cost Estimates for DOCO Subdivision
COST TO SERVE LOT 1

Riser

BRACKET CABLE	\$30.16
ARRESTER DISTRIB CLASS 3KV	29.70
BRACKET CONDUIT SINGLE	28.40
CAP POLYPROPYLENE WILDLIFE	3.88
CONDUCTOR CU BARE SD 2 7STR	10.40
CONDUIT SCH 80 3 INCH PVC	29.10
CROSSARM 3 1/2 X 4 1/2 X 8FT	15.91
CUTOUT FUSED OPEN 15KV 100A	55.25
HOSE INSULATED SPLIT	15.18
HOSE INSULATED SPLIT	2.77
TERMINATOR CABLE JCN 15KV 1/0	46.86
Subtotal	<hr/> \$267.61

Splitting cost of one riser

Transformer

25KVA Padmount Transformer	\$1,230.00
BASE TRANS BOX PAD 25KVA & UP (2)	328.34
CLAMP GRD ROD 5/8 TO #8-1/0 CU	1.09
ELBOW LOADBREAK 1/0 ALUM 15KV	26.41
ELBOW ARRESTER 1/0	77.01
ROD GROUND 5/8 X 10FT CW (2)	25.74
Subtotal	<hr/> \$1,688.59

Primary Cable

Cable 2,469' @ \$1.92/Ft.	\$4,740.48
Conduit 2" HDPE 206' @ \$1.51/Ft.	309.55
Trenching 1,954' @ \$1.00/Ft.	1,954.00
Trenching 250' @ \$0.50/Ft.	125.00
Road Bore 225' @ \$8/Ft.	1,800.00
Subtotal	<hr/> \$8,929.03

parallel cable N + S - electrically sep. inc. reliability

Labor (With Loading)

Foreman \$45.95/Hr. x 27 Hr.	\$1,010.90
Two Linemen \$42.06/Hr. x 27.5 Hr.	1,850.64
Subtotal	<hr/> \$2,861.54

*1240.65
2313.30

3553.95*

error 600 plus

Meter

Cost Of URD Service - Material & Trenching = \$1.77/Ft.	
Average Service Length 300' x \$1.77/Ft.	\$531.00

Labor (With Loading)

Foreman \$45.95/Hr. x 2 Hr.	91.90
Subtotal	<hr/> \$622.90

Total Cost For Material And Labor 1/

\$14,442.67

1/ Not including engineering, overheads and internal equipment services.

≈ 15,000

Montana-Dakota Utilities Co.
Cost Estimates for DOCO Subdivision
INCREMENTAL COST TO SERVE LOT 2

Cost Of URD Service - Material &Trenching = \$1.77/Ft.	
Average Service Length 300' x \$1.77/Ft.	\$531.00
<u>Labor (With Loading)</u>	
Foreman \$45.95/Hr. x 2 Hr.	91.90
Subtotal	<u>\$622.90</u>
<u>Meter</u>	<u>\$73.00</u>
Total Cost For Material And Labor 1/	<u><u>\$695.90</u></u>

1/ Not including engineering, overheads and internal equipment services.

Montana-Dakota Utilities Co.
Cost Estimates for DOCO Subdivision
INCREMENTAL COST TO SERVE LOT 3, 4 & 5

Transformer

25KVA Padmount Transformer	\$1,230.00
CLAMP GRD ROD 5/8 TO #8-1/0 CU	1.09
ELBOW LOADBREAK 1/0 ALUM 15KV (2)	52.82
Foreman \$45.95/Hr. x 2 Hr.	91.90
Two Linemen \$42.06/Hr. x 2 Hr.	168.24
Subtotal	\$1,544.05

Cost Of URD Service - Material & Trenching = \$1.77/Ft.

Average Service Length 300' x \$1.77/Ft.	\$531.00
<u>Labor (With Loading)</u>	
Foreman \$45.95/Hr. x 2 Hr.	91.90
	\$622.90
	x 3
Subtotal	\$1,868.70

Meter

	\$73.00
	x 3
Subtotal	\$219.00

Total Cost For Material And Labor 1/ **\$3,631.75**

1/ Not including engineering, overheads and internal equipment services.

Montana-Dakota Utilities Co.
Cost Estimates for DOCO Subdivision
TOTAL PROJECT

COST TO SERVE LOT 6	\$7,805.17
INCREMENTAL COST TO SERVE LOT 7	695.90
INCREMENTAL COST TO SERVE LOT 8, 9, 10 & 11	8,238.74
COST TO SERVE LOT 1	14,442.67
INCREMENTAL COST TO SERVE LOT 2	695.90
INCREMENTAL COST TO SERVE LOT 3, 4 & 5	3,631.75
Total Cost of Project 1/	<u><u>\$35,510.13</u></u>

+ ≈ 600 -
≈ ~~36,110~~
36,600

1/ Not including engineering, overheads and internal equipment services.