



MEMO:

DATE: 3-2-17
TO: MAYOR PATTERSON & BOARD OF ALDERMEN
CC: BART ROBINSON & ASHLEY ATKINSON
FROM: ROB NEELY
RE: AGENDA ITEMS

I have the following agenda items for the Tuesday, March 7, 2017 Board Meeting.

1. Permission for Superintendent to attend the TVPPA Annual Conference in Savannah, GA May 21-24, 2017 (\$1,643.28). (Rob Neely)
2. Accept bids for Electric Distribution Construction Unit Price Contract and award contract to Southern Electric Corporation. (Rob Neely)

Please find a description for the agenda item on the following page. If you have any questions, please feel free to contact me.

Thanks

Robert M. Neely III, P.E., C.P.E.
Superintendent

2. Accept bids for Electric Distribution Construction Unit Price Contract and award contract to Southern Electric Corporation. (Rob Neely)

Oxford Electric received permission on December 20, 2016 to advertise and seek bids for the Electric Distribution Construction Unit Price Contract. Due to the timelines, size and complexity of various line construction projects, Oxford Electric seeks the help of contractors to complete these projects. The bid consisted of collecting unit prices for labor-only construction services associated with a service oriented contract. Oxford Electric has funding available in FY2017 budget to complete various overhead to underground projects and plans to set aside funding in the FY2018 budget to continue the work as needed. Oxford Electric will work within budget amounts approved by the Board of Aldermen.

The bids/unit prices were received on February 9, 2017 and evaluated by Oxford Electric's engineering consultant, Allen and Hoshall, using numerous sample projects. These sample projects were chosen because they represent work completed in the past and work planned in FY2017/2018. This evaluation method is not meant in any way to limit the scope of this bid/contract to any certain list of projects, as the unit prices will be used to complete a number of planned, but not yet designed projects.

There were irregularities associated with both bids OED received. These irregularities were associated with the unit of measure used in the item description. Both Southern and Service submitted pricing for a "FT" of work where they should have submitted pricing for a "MFT" (1000 FT). The bids were returned to the prospective bidders and adjusted to the correct unit of measure. Neither of the bidders were allowed to view the other's bid, but only to adjust the bid amount to match the unit of measure requested.

After the irregularities were correct and bids were returned to Oxford Electric, Southern Electric Corporation's bid was found to be 29% lower overall than the other bid received. I recommend the board waive the irregularities associated with this bid, accept both bids and grant authorization to proceed with the work.



Allen & Hoshall

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Memphis, Tennessee 38120
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February 28, 2017

Mr. Rob Neely
City of Oxford Electric Department
300 McElroy Drive
Oxford, MS 38655

**Subject: Labor Only Contract
Distribution Construction Unit Price Bid Package**

Dear Mr. Neely:

After evaluation of the bids received on Thursday February 09, 2017, we recommend that the City of Oxford Electric Department accept the unit price bid from Southern Electric Corporation of Mississippi. In our evaluation we inserted the unit prices into a prior unit price project that was completed in 2016. The results determined Southern Electric Corporation of Mississippi had a unit price bid 29% lower than Service Electric Company.

If there are any questions, please contact us.

Sincerely,

ALLEN & HOSHALL

Bobby Davidson

Bobby Davidson
Project Manager

Cc: Chris Juarez, SEC
Bret Fisher, Allen & Hoshall

RDD:N:\Oxford MS Elect\81622 - Miscellaneous Engineering\81622A Specs - RFP Project\Evaluation\LaborRecLet DCUP.docx

UNIT	DESCRIPTIONS & NOTES	QTY	MEAS	SOUTHERN ELECTRIC		SERVICE ELECTRIC	
				INSTALL	REMOVE	INSTALL	REMOVE
Typical Overhead Assembly and Descriptions							
Poles							
30' - Conc	Concrete Direct Bury (Non Decorative) Truck Accessible	1	EA	\$ 310.00	\$ 248.00	\$ 967.87	\$ 580.72
35' - Conc	Concrete Direct Bury (Non Decorative) Truck Accessible	1	EA	\$ 310.00	\$ 248.00	\$ 1,114.52	\$ 688.71
15 foot pole	Install/Remove 15' and shorter poles including existing stubs	1	EA	\$ 275.00	\$ 220.00	\$ 469.27	\$ 281.56
25 foot pole	Install/Remove 25' Wood Pole	1	EA	\$ 215.00	\$ 172.00	\$ 557.26	\$ 334.36
30 foot pole		1	EA	\$ 235.00	\$ 188.00	\$ 586.59	\$ 351.95
35 foot pole		1	EA	\$ 235.00	\$ 188.00	\$ 703.91	\$ 422.35
40 foot pole		1	EA	\$ 235.00	\$ 188.00	\$ 821.23	\$ 492.74
45 foot pole		1	EA	\$ 235.00	\$ 188.00	\$ 938.54	\$ 563.12
50 foot pole		1	EA	\$ 250.00	\$ 200.00	\$ 1,055.86	\$ 633.52
55 foot pole		1	EA	\$ 265.00	\$ 212.00	\$ 1,173.18	\$ 703.91
60 foot pole		1	EA	\$ 270.00	\$ 216.00	\$ 1,407.82	\$ 844.69
65 foot pole		1	EA	\$ 365.00	\$ 292.00	\$ 1,525.13	\$ 915.08
Drill Rock Hole		1	EA	\$ 600.00	\$ 480.00	\$ 1,173.18	\$ 1,173.18
Blast Rock Hole		1	EA			\$ 1,173.18	\$ 1,173.18
Push Pole(30' to 45')		1	EA	\$ 100.00	\$ 80.00	\$ 586.59	\$ 351.95
Cut Top and Cap Pole(when called for)		1	EA	\$ 80.00	\$ 48.00	\$ 35.20	\$ 35.20
BFT1	Backfill with Sakrete	1	EA	\$ 150.00	\$ 120.00	\$ 175.98	\$ 105.59
BFT 2	Backfill with polyset	1	EA	\$ 125.00	\$ 100.00	\$ 175.98	\$ 105.59
Pole Key	With top and bottom key parts and to include backfill with Sakrete	1	EA	\$ 450.00	\$ 360.00	\$ 469.27	\$ 281.56
Single Phase Assemblies:							
A1	Single Primary Support	1	EA	\$ 50.00	\$ 40.00	\$ 117.32	\$ 70.39
A2	Double Primary Support	1	EA	\$ 65.00	\$ 52.00	\$ 146.65	\$ 87.99
A3	Primary Single phase 20° to 60° Angle	1	EA	\$ 85.00	\$ 68.00	\$ 175.98	\$ 105.59
A4	Primary Single phase 60° to 90° Angle	1	EA	\$ 125.00	\$ 100.00	\$ 234.64	\$ 140.78
A5	Single Deadend	1	EA	\$ 75.00	\$ 60.00	\$ 175.98	\$ 105.59
A5-1	Primary Single Phase Tap	1	EA	\$ 125.00	\$ 100.00	\$ 175.98	\$ 105.59
A5-2	Primary Single Phase Tap	1	EA	\$ 140.00	\$ 112.00	\$ 187.71	\$ 112.63
A5-2L	Primary Single Phase Tap with Link	1	EA	\$ 175.00	\$ 140.00	\$ 205.31	\$ 123.19
A5-3	Primary Single Phase Tap	1	EA	\$ 165.00	\$ 132.00	\$ 187.71	\$ 112.63
A5-4	Primary Single Phase Tap	1	EA	\$ 160.00	\$ 128.00	\$ 187.71	\$ 112.63
A6	Vertical Double Deadend	1	EA	\$ 200.00	\$ 160.00	\$ 234.64	\$ 140.78
A7	Crossarm Construction Single Deadend	1	EA	\$ 155.00	\$ 124.00	\$ 322.62	\$ 193.57
A7A	Crossarm Construction Single Deadend, Aptlong Braces (Uses Single Fiberglass Arm)	1	EA	\$ 155.00	\$ 124.00	\$ 351.95	\$ 211.17
A8	Crossarm Construction Double Deadend	1	EA	\$ 2,250.00	\$ 1,800.00	\$ 469.27	\$ 281.56
A9	Crossarm Construction Double Line Arm	1	EA	\$ 115.00	\$ 92.00	\$ 234.64	\$ 140.78
A9-1	Crossarm Construction Single Line Arm	1	EA	\$ 95.00	\$ 76.00	\$ 175.98	\$ 105.59
Two Phase Assemblies:							
B1	Crossarm Construction Single Primary Support	1	EA	\$ 65.00	\$ 52.00	\$ 263.87	\$ 158.38
B1-1	Crossarm Construction Double Primary Support	1	EA	\$ 120.00	\$ 96.00	\$ 322.62	\$ 193.57
B2	Crossarm Construction Double Primary Support	1	EA	\$ 150.00	\$ 120.00	\$ 322.62	\$ 193.57
B3	Vertical Construction	1	EA	\$ 165.00	\$ 132.00	\$ 351.95	\$ 211.17
B4-1	Vertical Construction	1	EA	\$ 275.00	\$ 220.00	\$ 733.24	\$ 439.94
B5-1	Vertical Construction Single Deadend	1	EA	\$ 200.00	\$ 160.00	\$ 351.95	\$ 211.17
B7	Crossarm Construction Single Deadend	1	EA	\$ 195.00	\$ 156.00	\$ 439.94	\$ 263.96
B7A	Crossarm Construction Single Deadend, Aptlong Braces (Uses Single Fiberglass Arm)	1	EA	\$ 190.00	\$ 152.00	\$ 469.27	\$ 281.56
B8	Crossarm Construction Double Deadend	1	EA	\$ 325.00	\$ 260.00	\$ 703.91	\$ 422.35
B8A	Crossarm Construction Double Deadend, Aptlong Braces (Uses Single Fiberglass Arm)	1	EA	\$ 315.00	\$ 252.00	\$ 703.91	\$ 422.35
B9	Crossarm Construction Double Line Arm	1	EA	\$ 155.00	\$ 124.00	\$ 351.95	\$ 211.17
B9-1	Crossarm Construction Single Line Arm	1	EA	\$ 155.00	\$ 124.00	\$ 234.64	\$ 140.78
Three Phase Assemblies:							
C1	Crossarm Construction Single Primary Support	1	EA	\$ 90.00	\$ 72.00	\$ 351.95	\$ 211.17
C1-1	Crossarm Construction Single Primary Support	1	EA	\$ 145.00	\$ 116.00	\$ 410.61	\$ 246.37
C1-2	Crossarm Construction (Large Conductors)	1	EA	\$ 110.00	\$ 88.00	\$ 381.28	\$ 228.77
C1-3	Crossarm Construction Double Primary Support Large Conductors	1	EA	\$ 150.00	\$ 120.00	\$ 469.27	\$ 281.56
C2	Crossarm Construction Double Primary Support	1	EA	\$ 200.00	\$ 160.00	\$ 527.93	\$ 316.76
C2-1	Crossarm Construction Double Primary Support	1	EA	\$ 200.00	\$ 160.00	\$ 703.91	\$ 422.35
C2-2	Crossarm Construction Double Primary Support Large Conductors	1	EA	\$ 200.00	\$ 160.00	\$ 1,055.86	\$ 633.52
C3	Vertical Construction	1	EA	\$ 215.00	\$ 172.00	\$ 586.59	\$ 351.95
C3-1	Vertical Construction Large Conductors	1	EA	\$ 230.00	\$ 184.00	\$ 586.59	\$ 351.95
C4-1	Vertical Construction	1	EA	\$ 365.00	\$ 292.00	\$ 1,173.18	\$ 703.91
C5-1	Vertical Construction Single Deadend	1	EA	\$ 220.00	\$ 178.00	\$ 703.91	\$ 422.35
C7	Crossarm Construction Single Deadend	1	EA	\$ 245.00	\$ 196.00	\$ 703.91	\$ 422.35
C7A	Crossarm Construction Single Deadend, Aptlong Braces (Uses Single Fiberglass Arm)	1	EA	\$ 245.00	\$ 196.00	\$ 703.91	\$ 422.35
C7-1	Crossarm Construction Single Deadend	1	EA	\$ 270.00	\$ 216.00	\$ 821.23	\$ 492.74
C8	Crossarm Construction Double Deadend	1	EA	\$ 430.00	\$ 344.00	\$ 1,407.82	\$ 844.69
C8A	Crossarm Construction Double Deadend, Aptlong Braces (Uses Single Fiberglass or Wood Arm)	1	EA	\$ 430.00	\$ 344.00	\$ 1,407.82	\$ 844.69
C8-1	Crossarm Construction Double Deadend	1	EA	\$ 430.00	\$ 344.00	\$ 1,407.82	\$ 844.69
C8-2	Crossarm Construction Double Deadend Large Conductors	1	EA	\$ 445.00	\$ 356.00	\$ 1,407.82	\$ 844.69
C8-3	Crossarm Construction Double Deadend Large Conductors	1	EA	\$ 450.00	\$ 360.00	\$ 1,407.82	\$ 844.69
C9	Crossarm Construction Double Line Arm	1	EA	\$ 150.00	\$ 120.00	\$ 469.27	\$ 281.56
C9-1	Crossarm Construction Single Line Arm	1	EA	\$ 115.00	\$ 92.00	\$ 351.95	\$ 211.17
C9-2	Crossarm Construction Double Line Arm	1	EA	\$ 200.00	\$ 160.00	\$ 1,055.86	\$ 633.52
C9-3	Crossarm Construction Single Line Arm Large Conductors	1	EA	\$ 210.00	\$ 168.00	\$ 410.61	\$ 246.37
Guys:							
E1-2	Single Down Guy, Through Bolt Type	1	EA	\$ 90.00	\$ 72.00	\$ 117.32	\$ 70.39
E1-2H	Single Down Guy, Through Bolt Type with heavy duty guy attachment	1	EA	\$ 115.00	\$ 92.00	\$ 117.32	\$ 70.39
E1-2 Side Walk	Single Down Guy Side Walk (7/16" strand with 2" pipe, pole plate and end fitting)	1	EA	\$ 160.00	\$ 128.00	\$ 175.98	\$ 105.59

E1-3	Single Down Guy, Through Bolt Type	1	EA	\$ 90.00	\$ 72.00	\$ 117.32	\$ 70.39
E2-2	Single Overhead Guy, Through Bolt Type	1	EA	\$ 185.00	\$ 148.00	\$ 263.97	\$ 158.38
E3-10	Single Down Guy, Wrapped Type	1	EA	\$ 7.00	\$ 5.60	\$ 35.20	\$ 21.12
E5-2	Crossarm Construction Deadend Guy	1	EA	\$ 185.00	\$ 148.00	\$ 117.32	\$ 70.39
E6-2	Double Down Guy	1	EA	\$ 170.00	\$ 136.00	\$ 351.95	\$ 211.17
E7-2L	Three Down Guys Large Conductors	1	EA	\$ 300.00	\$ 240.00	\$ 469.27	\$ 281.56
M5-23	Fiberglass Insulated Link	1	EA	\$ 75.00	\$ 60.00	\$ 87.99	\$ 52.79
Anchors:							
F1-2S	Screw Anchor, Power Installed, rated 8000lb	1	EA	\$ 125.00	\$ 100.00	\$ 293.29	\$ 175.97
F1-3S	Screw Anchor, Power Installed, rated 10000lb	1	EA	\$ 125.00	\$ 100.00	\$ 410.61	\$ 246.37
F1-4S	Screw Anchor, Power Installed, rated 12000lb	1	EA	\$ 125.00	\$ 100.00	\$ 469.27	\$ 281.56
F6-2	Anchor Assembly (Double Helix with up to 3 Extension Segments)	1	EA	\$ 210.00	\$ 168.00	\$ 527.93	\$ 316.76
F6-3	Anchor Assembly (Triple Helix with up to 3 Extension Segments)	1	EA	\$ 220.00	\$ 176.00	\$ 586.59	\$ 351.95
Additional Extensions							
		1	EA	\$ 35.00	\$ 28.00	\$ 175.98	\$ 105.59
Transformers:							
All G105, G106, G136	Single Phase Pole Transformers 50KVA & Smaller	1	EA	\$ 220.00	\$ 176.00	\$ 645.25	\$ 387.15
All G105, G106, G136	Single Phase Pole Transformers 75KVA & Larger	1	EA	\$ 220.00	\$ 176.00	\$ 762.57	\$ 457.54
Rework, Lower, or Relocate Transformer		1	EA	\$ 350.00	\$ 280.00	\$ 936.54	N/A
G210-UP to 50 KVA Transformer Bank	Two Phase Pole Transformers	1	EA	\$ 400.00	\$ 320.00	\$ 1,290.50	\$ 774.30
G310, 311 or 312 up to 50 KVA Transformers	Three Phase Pole Transformers	1	EA	\$ 550.00	\$ 440.00	\$ 1,935.75	\$ 1,161.45
Reconnect G105, G106, G136	Removal and replacing stirrups, hot line clamps, neutral and service wire connections, and grounding for single phase transformer installations.	1	EA	\$ 350.00	\$ 280.00	\$ 586.59	N/A
Reconnect G210	Removal and replacing stirrups, hot line clamps, neutral and service wire connections, and grounding for two phase transformer installations.	1	EA	\$ 525.00	\$ 420.00	\$ 1,173.18	N/A
Reconnect G310, G311, G312	Removal and replacing stirrups, hot line clamps, neutral and service wire connections, and grounding for three phase transformer installations.	1	EA	\$ 675.00	\$ 540.00	\$ 2,346.36	N/A
Secondary and Service:							
J5, J6, J7, J8, J10, J11	Secondary Assemblies	1	EA	\$ 20.00	\$ 16.00	\$ 46.93	\$ 28.16
K10, K11, K11C K14, K15C	Service Assemblies	1	EA	\$ 20.00	\$ 16.00	\$ 46.93	\$ 28.16
Miscellaneous:							
M28-5	Open bottom style light w/up to 6' arm	1	EA	\$ 80.00	\$ 64.00	\$ 234.64	\$ 140.78
M26-5SL	Enclosed cobra style streetlights w/up to 12' arm	1	EA	\$ 85.00	\$ 68.00	\$ 263.97	\$ 158.38
M26-5FL	Directional flood light 3' arm/slip fitted mount	1	EA	\$ 80.00	\$ 64.00	\$ 234.64	\$ 140.78
M8	120/240 Volt Meter Loop	1	EA	\$ 400.00	\$ 320.00	\$ 351.85	\$ 211.17
M2-11 AND M2-12	Ground Assemblies	1	EA	\$ 80.00	\$ 64.00	\$ 234.64	\$ 140.78
M2-11R	Add ground rod & 10' CU to existing pole.	1	EA	\$ 160.00	\$ 128.00	\$ 234.64	\$ 140.78
M3-4	One Sectionalizing Fuse Cutout	1	EA	\$ 115.00	\$ 92.00	\$ 234.64	\$ 140.78
M3-3A	2 or 3 Sectionalizing Disconnect Switches	1	EA	\$ 670.00	\$ 456.00	\$ 1,642.45	\$ 985.47
M3-10A AND M3-41	One Sectionalizer or Oil Circuit Recloser	1	EA	\$ 750.00	\$ 600.00	\$ 351.95	\$ 211.17
M2-15 (Grid Ground)	Ground Assembly Ground Rod Type	1	EA	\$ 100.00	\$ 80.00	\$ 703.91	\$ 422.35
M2-15A (Plate Ground)	Grounding Assembly Platform Type	1	EA	\$ 100.00	\$ 80.00	\$ 703.91	\$ 422.35
M3-11A	2 or 3 Sectionalizing Oil Circuit Reclosers	1	EA	\$ 1,800.00	\$ 1,440.00	\$ 703.91	\$ 422.35
M3-12A	2 or 3 Sectionalizing Oil Circuit Reclosers	1	EA	\$ 1,800.00	\$ 1,440.00	\$ 703.91	\$ 422.35
M3-23A	One Sectionalizing Oil Circuit Recloser with By-Pass Cutout	1	EA	\$ 100.00	\$ 80.00	\$ 703.91	\$ 422.35
M3-24A	2 or 3 Sectionalizing Oil Circuit Reclosers with By-Pass Switches	1	EA	\$ 2,600.00	\$ 2,080.00	\$ 1,055.86	\$ 633.52
M3-25A	2 or 3 Sectionalizing Oil Circuit Reclosers with By-Pass Switches	1	EA	\$ 2,600.00	\$ 2,080.00	\$ 1,055.86	\$ 633.52
M5-1 CU	Miscellaneous Primary Assembly for Copper Connections (Unit used where not included in other assemblies of work)	1	EA	\$ 20.00	\$ 16.00	\$ 58.66	\$ 35.20
M5-1 AL	Miscellaneous Primary Assembly for ACSR Connections and includes Stirrups (Unit used where not included in other assemblies of work)	1	EA	\$ 20.00	\$ 16.00	\$ 58.66	\$ 35.20
M5-2	Miscellaneous Primary Assembly	1	EA	\$ 50.00	\$ 40.00	\$ 70.39	\$ 42.23
M5-4	Miscellaneous Primary Assembly (Side mount with lead head adapter)	1	EA	\$ 50.00	\$ 40.00	\$ 70.39	\$ 42.23
M5-5	Miscellaneous Primary Assembly	1	EA	\$ 50.00	\$ 40.00	\$ 70.39	\$ 42.23
M5-5S	Miscellaneous Primary Assembly (Crossarm saddle pin type)	1	EA	\$ 50.00	\$ 40.00	\$ 70.39	\$ 42.23
M5-6	Miscellaneous Primary Assembly	1	EA	\$ 100.00	\$ 80.00	\$ 234.64	\$ 140.78
M5-6-3	Miscellaneous Primary Assembly (Where three arresters are called for on a 3-phase line. The unit includes all phase and ground leads and connections)	1	EA	\$ 125.00	\$ 100.00	\$ 703.91	\$ 422.35
M5-8	15kV Deadend Assembly Less Neutral with Link	1	EA	\$ 30.00	\$ 24.00	\$ 117.32	\$ 70.39
M5-9	15kV Cut Out	1	EA	\$ 100.00	\$ 80.00	\$ 234.64	\$ 140.78
M5-10	15kV Cut Out and Arrester Combo	1	EA	\$ 125.00	\$ 100.00	\$ 410.61	\$ 246.37
S2.01	200 A Underlugs Switches - On Plate M5-9	1	EA	\$ 110.00	\$ 88.00	\$ 1,055.86	\$ 633.52
M5-11	28" Flat Crossarm Brace, Steel	1	EA	\$ 50.00	\$ 40.00	\$ 58.66	\$ 35.20
M5-13	60" Wood Span Brace	1	EA	\$ 65.00	\$ 52.00	\$ 87.99	\$ 52.79
M5-14	8' Crossarm, Wood	1	EA	\$ 65.00	\$ 52.00	\$ 58.66	\$ 35.20
M5-16	10' Crossarm, Wood	1	EA	\$ 80.00	\$ 64.00	\$ 87.99	\$ 52.79
M5-17	28" Wood Crossarm Brace	1	EA	\$ 60.00	\$ 48.00	\$ 87.99	\$ 52.79
1/2 M5-20	1) Suspension Bell Insulators	1	EA	\$ 35.00	\$ 28.00	\$ 70.39	\$ 42.23
M5-20	2) Suspension Bell Insulators	1	EA	\$ 45.00	\$ 36.00	\$ 70.39	\$ 42.23
M5-21	Steel Phase Link & Shackle	1	EA	\$ 20.00	\$ 16.00	\$ 87.99	\$ 52.79
M5-22	Hot Line Clamp	1	EA	\$ 40.00	\$ 32.00	\$ 87.99	\$ 52.79
M5-24	15kV Deadend Assembly Less Neutral Without Link	1	EA	\$ 30.00	\$ 24.00	\$ 58.66	\$ 35.20
M7-11	One Voltage Regulator Pole Mounted	1	EA	\$ 800.00	\$ 640.00	\$ 1,407.82	\$ 844.69
M7-13	Three Voltage Regulators Platform Mounted	1	EA	\$ 3,850.00	\$ 3,080.00	\$ 3,519.54	\$ 2,111.72
M42-11(Primary)	Deadend Assembly Guide	1	EA	\$ 55.00	\$ 44.00	\$ 87.99	\$ 52.79
M42-11(Neutral)	Deadend Assembly Guide	1	EA	\$ 55.00	\$ 44.00	\$ 87.99	\$ 52.79
M42-13(Primary)	Deadend Assembly Guide	1	EA	\$ 55.00	\$ 44.00	\$ 87.99	\$ 52.79
M42-13(Neutral)	Deadend Assembly Guide	1	EA	\$ 60.00	\$ 48.00	\$ 87.99	\$ 52.79
VM33-1	Side Arm Assemblies 1x Single Set	1	EA	\$ 150.00	\$ 120.00	\$ 234.64	\$ 140.78
VM33-2	Side Arm Assemblies 1x Double Set	1	EA	\$ 170.00	\$ 136.00	\$ 351.95	\$ 211.17
VM33-3	Side Arm Assemblies 2x Single Set	1	EA	\$ 150.00	\$ 120.00	\$ 351.95	\$ 211.17
VM33-4	Side Arm Assemblies 2x Double Set	1	EA	\$ 180.00	\$ 144.00	\$ 469.27	\$ 281.56
VM33-5	Side Arm Assemblies 3x Single Set	1	EA	\$ 160.00	\$ 128.00	\$ 410.61	\$ 246.37
VM33-6	Side Arm Assemblies 3x Double Set	1	EA	\$ 190.00	\$ 152.00	\$ 645.25	\$ 387.15
M9-12	3 Phase Capacitor Bank (fixed or switched)	1	EA	\$ 800.00	\$ 640.00	\$ 1,877.09	\$ 1,126.25
Conductors:							

All Copper, Copper weld & Hard-drawn Number 8 thru 2 (retire only)		1.000	MFT		\$ 500.00	\$ 879.88	\$ 527.93
4 ACSR		1.000	MFT	\$ 650.00	\$ 440.00	\$ 821.23	\$ 492.74
2 ACSR		1.000	MFT	\$ 650.00	\$ 520.00	\$ 821.23	\$ 492.74
1/0 ACSR		1.000	MFT	\$ 650.00	\$ 520.00	\$ 1,407.82	\$ 844.89
3/0 ACSR		1.000	MFT	\$ 650.00	\$ 520.00	\$ 1,758.77	\$ 1,056.86
336 ACSR		1.000	MFT	\$ 650.00	\$ 520.00	\$ 2,111.72	\$ 1,267.03
Overhead Duplex Cables		1.000	MFT	\$ 800.00	\$ 640.00	\$ 938.54	\$ 563.12
Overhead Triplex Cables(#4 thru 4/0)		1.000	MFT	\$ 980.00	\$ 784.00	\$ 1,994.41	\$ 1,196.65
Overhead Quadraplex Cables(#4 thru 350)		1.000	MFT	\$ 1,000.00	\$ 800.00	\$ 2,932.95	\$ 1,759.77
Miscellaneous Units:							
Reconnect Capacitor:	Removal and replacing stirrups, hot line clamps, neutral connections and grounding for 3-phase capacitor installations.	1	EA	\$ 510.00	\$ 306.00	\$ 1,290.50	N/A
Reconnect OCR	Removal and replacement of phase leads, stirrups, hot line clamps, neutral and grounding connections for one oil circuit recloser.	1	EA	\$ 340.00	\$ 204.00	\$ 351.95	N/A
Reconnect 3ø OCR	Removal and replacement of phase leads, stirrups, hot line clamps, primary and neutral dead-ends each side of arms neutral and grounding connections and connections to switch terminals.	1	EA	\$ 595.00	\$ 357.00	\$ 938.54	N/A
Reconnect 1 Phase Tap	Removal and replacement of phase attachments (includes adding stirrups, hot line clamps, jumpers, and neutral connections. Also, including re-sagging and sleeving conductors at locations where needed.	1	EA	\$ 680.00	\$ 408.00	\$ 175.98	N/A
Reconnect 2 Phase Tap	Removal and replacement of phase attachments (includes adding stirrups, hot line clamps, jumpers, and neutral connections. Also, including re-sagging and sleeving conductors at locations where needed.	1	EA	\$ 850.00	\$ 510.00	\$ 351.95	N/A
Reconnect 3 Phase Tap	Removal and replacement of phase attachments (includes adding stirrups, hot line clamps, jumpers, and neutral connections. Also, including re-sagging and sleeving conductors at locations where needed.	1	EA	\$ 1,020.00	\$ 612.00	\$ 586.59	N/A
Rework Jumper		1	EA	\$ 510.00	\$ 308.00	\$ 351.95	N/A
Primary Terminal Pole Assemblies							
UA1	Single Phase Cable Deadend Terminal Pole	1	EA	\$ 570.00	\$ 285.00	\$ 821.23	\$ 492.74
UA2	Single Phase Cable Deadend Terminal Pole	1	EA	\$ 570.00	\$ 285.00	\$ 821.23	\$ 492.74
UA3	Single Phase Cable Tangent Terminal Pole	1	EA	\$ 570.00	\$ 285.00	\$ 821.23	\$ 492.74
UB1	Vee-Phase Cable Terminal Pole with Cutouts and Crossarm Mounted Arresters	1	EA	\$ 760.00	\$ 380.00	\$ 1,407.82	\$ 844.89
UB2	Vee-Phase Cable Terminal Pole with Cutouts and Bracket Mounted Arresters	1	EA	\$ 760.00	\$ 380.00	\$ 1,407.82	\$ 844.89
UB3	Vee-Phase Cable Terminal Pole without Cutout, with Crossarm Mounted Arresters	1	EA	\$ 750.00	\$ 375.00	\$ 1,173.18	\$ 703.91
UB4	Vee-Phase Cable Terminal Pole without Cutout, with Bracket Mounted Arresters	1	EA	\$ 750.00	\$ 375.00	\$ 1,173.18	\$ 703.91
UC1	Three Phase Cable Terminal Pole with Cutouts and Crossarm Mounted Arresters	1	EA	\$ 950.00	\$ 475.00	\$ 2,111.72	\$ 1,267.03
UC2	Three Phase Cable Terminal Pole with Cutouts and Bracket Mounted Arresters	1	EA	\$ 950.00	\$ 475.00	\$ 2,111.72	\$ 1,267.03
UC2-1	Three Phase Cable Deadend Terminal Pole	1	EA	\$ 950.00	\$ 475.00	\$ 2,111.72	\$ 1,267.03
UC2-2	Three Phase Cable Tangent Terminal Pole	1	EA	\$ 950.00	\$ 475.00	\$ 2,111.72	\$ 1,267.03
UC5-1	Three Phase Cable Deadend Terminal Pole with Disconnect Switches	1	EA	\$ 1,350.00	\$ 675.00	\$ 2,463.68	\$ 1,478.21
UC8-1	Three Phase Cable Deadend Terminal Pole with Disconnect Switches	1	EA	\$ 1,350.00	\$ 675.00	\$ 2,463.68	\$ 1,478.21
Secondary Assemblies							
UJ1-2	Secondary Connector Blocks 4 Hole x 2 Cable	1	EA	\$ 15.00	\$ 7.50	\$ 469.27	\$ 281.56
UJ1-4	Secondary Connector Blocks 4 Hole x 4 Cable	1	EA	\$ 20.00	\$ 10.00	\$ 498.60	\$ 299.16
UJ1-6	Secondary Connector Blocks 4 Hole x 6 Cable	1	EA	\$ 25.00	\$ 12.50	\$ 527.93	\$ 316.76
UJ1-8	Secondary Connector Blocks 4 Hole x 8 Cable	1	EA	\$ 25.00	\$ 12.50	\$ 586.59	\$ 351.95
UJ2-2	Transformer Connector Blocks Secondary Stud x 2 Cable	1	EA	\$ 20.00	\$ 10.00	\$ 469.27	\$ 281.56
UJ2-4	Transformer Connector Blocks Secondary Stud x 4 Cable	1	EA	\$ 20.00	\$ 10.00	\$ 498.60	\$ 299.16
UJ2-6	Transformer Connector Blocks Secondary Stud x 6 Cable	1	EA	\$ 25.00	\$ 12.50	\$ 586.59	\$ 351.95
UJ2-8	Transformer Connector Blocks Secondary Stud x 8 Cable	1	EA	\$ 25.00	\$ 12.50	\$ 586.59	\$ 351.95
Pedestal Assemblies - Secondary							
UK5	Secondary Junction Pedestal - Above Ground	1	EA	\$ 75.00	\$ 37.50	\$ 175.98	\$ 105.59
UK6-FM (F)	Fiber Pedestal - Flush Mount	1	EA	\$ 50.00	\$ 25.00	\$ 234.64	\$ 140.78
UK5-FM	Secondary Junction Pedestal - Flush Mount	1	EA	\$ 75.00	\$ 37.50	\$ 234.64	\$ 140.78
Pad Assemblies							
UM1-5C	Pad Assemblies Concrete	1	EA	\$ 100.00	\$ 50.00	\$ 117.32	\$ 70.39
UM1-5NC	Pad Assemblies Non-Concrete	1	EA	\$ 75.00	\$ 37.50	\$ 87.99	\$ 52.79
UM1-6C	Three Phase Transformer Concrete Pad	1	EA	\$ 1,200.00	\$ 600.00	\$ 234.64	\$ 140.78
UM1-7C	Ground Sleeve Assembly Concrete	1	EA	\$ 200.00	\$ 100.00	\$ 117.32	\$ 70.39
UM1-7NC	Ground Sleeve Assembly Non-Concrete	1	EA	\$ 125.00	\$ 112.50	\$ 117.32	\$ 70.39
Sectionalizing Assemblies							
UM3-14	Single Phase Sectionalizing Enclosure	1	EA	\$ 285.00	\$ 132.50	\$ 234.64	\$ 140.78
UM3-44	Single Phase Pad Mounted Sectionalizer	1	EA	\$ 350.00	\$ 175.00	\$ 351.95	\$ 211.17
UM3-45	Single Phase Pad Mounted Recloser	1	EA	\$ 350.00	\$ 175.00	\$ 351.95	\$ 211.17
UM3-46	Three, Single Phase Pad Mounted Reclosers	1	EA	\$ 570.00	\$ 285.00	\$ 938.54	\$ 563.12
UM3E-1-1W	Single Pole Switching 200 Amp Fuse Enclosure 1 Way	1	EA	\$ 125.00	\$ 62.50	\$ 293.29	\$ 175.97
UM3E-1-2W	Single Pole Switching 200 Amp Fuse Enclosure 2 Way	1	EA	\$ 150.00	\$ 75.00	\$ 351.95	\$ 211.17
UM3E-1-3W	Single Pole Switching 200 Amp Fuse Enclosure 3 Way	1	EA	\$ 175.00	\$ 87.50	\$ 410.61	\$ 246.37
UM3E-2-2W	Two Phase Single Pole Switching 200 Amp Fuse Enclosure 2 Way	1	EA	\$ 175.00	\$ 87.50	\$ 234.64	\$ 140.78
UM3E-2-3W	Two Phase Single Pole Switching 200 Amp Fuse Enclosure 3 Way	1	EA	\$ 200.00	\$ 100.00	\$ 293.29	\$ 175.97
UM3E-2-4W	Two Phase Single Pole Switching 200 Amp Fuse Enclosure 4 Way	1	EA	\$ 225.00	\$ 112.50	\$ 410.61	\$ 246.37
UM3E-3-2W	Three Phase Switching 200 Amp Fuse Enclosure 2 Way	1	EA	\$ 245.00	\$ 122.50	\$ 469.27	\$ 281.56
UM3E-3-3W	Three Phase Switching 200 Amp Fuse Enclosure 3 Way	1	EA	\$ 275.00	\$ 137.50	\$ 586.59	\$ 351.95
UM3E-3-4W	Three Phase Switching 200 Amp Fuse Enclosure 4 Way	1	EA	\$ 300.00	\$ 150.00	\$ 703.91	\$ 422.35
UM3E-3-3W 600A	Three Phase Switching 600 Amp Fuse Enclosure 3 Way	1	EA	\$ 600.00	\$ 300.00	\$ 703.91	\$ 422.35
UM3E-3-4W 600A	Three Phase Switching 600 Amp Fuse Enclosure 4 Way	1	EA	\$ 700.00	\$ 350.00	\$ 821.23	\$ 492.74
Secondary Terminal Pole Assemblies							
UM5	Secondary Cable Terminal Pole	1	EA	\$ 375.00	\$ 187.50	\$ 586.59	\$ 351.95
UM5-6	Secondary Cable Terminal to Meter Base LB	1	EA	\$ 100.00	\$ 50.00	\$ 117.32	\$ 70.39
UM5-6A	Secondary Cable Terminal to Meter Base Conduit w/o LB	1	EA	\$ 100.00	\$ 50.00	\$ 117.32	\$ 70.39
Miscellaneous Accessories							
UM6-1	Load Break Elbow (200A)	1	EA	\$ 40.00	\$ 20.00	\$ 117.32	\$ 70.39
UM6-2	Fused Elbow Termination (200A)	1	EA	\$ 50.00	\$ 25.00	\$ 117.32	\$ 70.39
UM6-3	Dead Break Termination (600A)	1	EA	\$ 100.00	\$ 50.00	\$ 175.98	\$ 105.59
UM6-4	Fault Indicator	1	EA	\$ 25.00	\$ 12.50	\$ 87.99	\$ 52.79
UM6-5	Feed Through Load Break Insert	1	EA	\$ 25.00	\$ 12.50	\$ 117.32	\$ 70.39

UM6-6	Ground Rod Assembly	1	EA	\$ 80.00	\$ 40.00	\$ 234.64	\$ 140.78
UM6-7	Bushing Well Plug	1	EA	\$ 15.00	\$ 7.50	\$ 70.39	\$ 42.23
UM6-8	Riser Shield (U Guard)	1	EA	\$ 10.00	\$ 5.00	\$ 58.66	\$ 35.20
UM6-9	Conduit Cable Riser	1	EA	\$ 10.00	\$ 5.00	\$ 117.32	\$ 70.39
UM6-10	Insulated Protective Cap (200A)	1	EA	\$ 10.00	\$ 5.00	\$ 70.39	\$ 42.23
UM6-11	Insulated Protective Cap (600A)	1	EA	\$ 10.00	\$ 5.00	\$ 93.85	\$ 56.31
UM6-12	Cable Marker Assembly	1	EA	\$ 15.00	\$ 7.50	\$ 52.79	\$ 31.67
UM6-13	Load Break Insert (200A)	1	EA	\$ 20.00	\$ 10.00	\$ 117.32	\$ 70.39
UM6-14	Deadbreak Insert (600A)	1	EA	\$ 25.00	\$ 12.50	\$ 117.32	\$ 70.39
UM6-15	Stand-Off Insulator (200A)	1	EA	\$ 15.00	\$ 7.50	\$ 117.32	\$ 70.39
UM6-17	Insulating Plug (800 Amp Connector)	1	EA	\$ 25.00	\$ 12.50	\$ 117.32	\$ 70.39
UM6-18	Backing Plate for U-Guard Riser Shield	1	EA	\$ 10.00	\$ 5.00	\$ 93.85	\$ 56.31
UM6-19	Stand-Off Insulator Feed Through (200A)	1	EA	\$ 15.00	\$ 7.50	\$ 117.32	\$ 70.39
UM6-20	Two Point Junction (200A)	1	EA	\$ 25.00	\$ 12.50	\$ 117.32	\$ 70.39
UM6-21	Three Point Junction (200A)	1	EA	\$ 25.00	\$ 12.50	\$ 117.32	\$ 70.39
UM6-22	Four Point Junction (200A)	1	EA	\$ 30.00	\$ 15.00	\$ 117.32	\$ 70.39
UM6-24	Outdoor Terminator	1	EA	\$ 80.00	\$ 40.00	\$ 234.64	\$ 140.78
UM6-26	Indoor Stress Relief Cone	1	EA	\$ 80.00	\$ 40.00	\$ 217.04	\$ 130.22
UM6-28	Stand-Off Insulator Feed Through (200A)	1	EA	\$ 75.00	\$ 37.50	\$ 117.32	\$ 70.39
UM6-32	Boot or Sleeve - Insulated (600 Volt)	1	EA	\$ 40.00	\$ 20.00	\$ 117.32	\$ 70.39
UM6-33	Surge Arrester	1	EA	\$ 25.00	\$ 12.50	\$ 146.65	\$ 87.99
UM6-34	Dead Break Elbow Surge Arrester	1	EA	\$ 25.00	\$ 12.50	\$ 234.64	\$ 140.78
UM6-35	Cutout-Arrester Combination (Same as M5-10)	1	EA	\$ 100.00	\$ 50.00	\$ 469.27	\$ 281.56
UM6-36	Load Break Cutout	1	EA	\$ 75.00	\$ 37.50	\$ 469.27	\$ 281.56
UM6-37	Parking Stand Arrester	1	EA	\$ 15.00	\$ 7.50	\$ 117.32	\$ 70.39
UM6-38	Bushing Arresters	1	EA	\$ 25.00	\$ 12.50	\$ 117.32	\$ 70.39
UM6-39	Jacketed Cable Grounding Kits	1	EA	\$ 45.00	\$ 22.50	\$ 117.32	\$ 70.39
Metering Assemblies							
UM8	Meter Installation Underground Source	1	EA	\$ 250.00	\$ 125.00	\$ 293.29	\$ 175.97
UM8-2	Meter Installation Underground Source Wood Post	1	EA	\$ 225.00	\$ 112.50	\$ 293.29	\$ 175.97
UM8-3	Meter Installation Underground Source Through Type Pedestal (200 A Main)	1	EA	\$ 200.00	\$ 100.00	\$ 293.29	\$ 175.97
UM8-3A	Meter Installation Underground Source Through Type Pedestal (400 A Main)	1	EA	\$ 300.00	\$ 150.00	\$ 293.29	\$ 175.97
UM8-4	Meter & Switch Installation Underground Source	1	EA	\$ 250.00	\$ 125.00	\$ 293.29	\$ 175.97
UM8-6	C.T. Meter Installation Single Phase Pad Mount	1	EA	\$ 235.00	\$ 117.50	\$ 234.64	\$ 140.78
UM8-7-A	C.T. Meter Installation Three Phase Meter on Building	1	EA	\$ 260.00	\$ 125.00	\$ 410.61	\$ 246.37
UM8-7-B	C.T. Meter Installation Three Phase Meter on Tap Box	1	EA	\$ 250.00	\$ 125.00	\$ 410.61	\$ 246.37
Miscellaneous Assemblies							
UM9-2	Pad Mounted Switched Capacitor Enclosure	1	EA	\$ 775.00	\$ 387.50	\$ 351.95	\$ 211.17
UM12	Cable Route Marker	1	EA	\$ 5.00	\$ 2.50	\$ 29.33	\$ 17.60
Corrosion Control Assemblies							
UM27-1	Sacrificial Anode for Cable Splice Protection (Bare to Jacketed Cable)	1	EA	\$ 200.00	\$ 100.00	\$ 35.20	\$ 21.12
UM27-2	Sacrificial Anode for Equipment Ground Protection	1	EA	\$ 75.00	\$ 37.50	\$ 35.20	\$ 21.12
UM27-3	Sacrificial Anode for Cable Ground Protection	1	EA	\$ 75.00	\$ 37.50	\$ 35.20	\$ 21.12
UM28	Test Station	1	EA	\$ 100.00	\$ 50.00	\$ 105.59	\$ 63.35
Sectionalizing Assembly							
UM33	Multi Phase Sectionalizing Enclosure Pad or Sleeve Mounted	1	EA	\$ 250.00	\$ 125.00	\$ 234.64	\$ 140.78
Grounding Assemblies							
UM48-1	Grounding Assembly for Pad Mounted Single Phase Transformers and Enclosures	1	EA	\$ 80.00	\$ 40.00	\$ 175.98	\$ 105.59
UM48-2	Grounding Assembly for Pad Mounted Multi Phase Transformers and Enclosures	1	EA	\$ 90.00	\$ 45.00	\$ 234.64	\$ 140.78
UM48-3	Grounding Assembly for Underground Primary Cable	1	EA	\$ 200.00	\$ 100.00	\$ 234.64	\$ 140.78
UM48-4	Grounding Assembly for Underground Primary Cable (with Test Station)	1	EA	\$ 250.00	\$ 125.00	\$ 234.64	\$ 140.78
UM48-5	Grounding Grid for Pad Mounted Equipment Installation	1	EA	\$ 590.00	\$ 295.00	\$ 351.95	\$ 211.17
UM48-6	Grounding Array for Pad Mounted Equipment Installation	1	EA	\$ 150.00	\$ 75.00	\$ 351.95	\$ 211.17
Conduit & Trench Assemblies							
UR2-SEC	Trench, Secondary or Service in Conduit (Depth = 24" - 42" X Width = 4"-8")	1	LF	\$ 2.25	\$ 1.13	\$ 7.63	N/A
UR2-PRI	Trench, Primary in Conduit (Depth = 48" - 60" X Width = 8"-12")	1	LF	\$ 3.00	\$ 1.50	\$ 9.97	N/A
URT-NT	Trench, Normal Trench (Depth = 42" - 48" X Width 18" - 24")	1	LF	\$ 5.00	\$ 2.50	\$ 9.39	N/A
URT-ST	Trench, Super Trench (Depth = 60" or greater X Width 18" - 24")	1	LF	\$ 8.00	\$ 4.00	\$ 15.25	N/A
UR2-DB2-1	Directional Bore 1 - 2" HDPE pipe (Last number is qty of pipe runs)	1	LF	\$ 7.00	\$ 3.50	\$ 15.00	N/A
2-PA	2" HDPA pipe adder for installation of additional 2" pipe with base unit UR2-DB2-1 (Unit will change to UR2-DB2-2 for two 2" or UR2-DB2-3 for 3 - 2" HDPE pipes.	1	LF	\$ 4.00	\$ 2.00	\$ 7.50	N/A
UR2-DB3-1	Directional Bore 1 - 3" HDPE pipe (Last number is qty of pipe runs)	1	LF	\$ 11.00	\$ 5.50	\$ 16.88	N/A
3-PA	3" HDPA pipe adder for installation of additional 3" pipe with base unit UR2-DB3-1 (Unit will change to UR2-DB3-2 for two 3" or UR2-DB3-3 for 3 - 3" HDPE pipes.	1	LF	\$ 13.00	\$ 6.50	\$ 8.75	N/A
UR2-DB4-1	Directional Bore 1 - 4" HDPE pipe (Last number is qty of pipe runs)	1	LF	\$ 15.00	\$ 7.50	\$ 18.44	N/A
4-PA	4" HDPA pipe adder for installation of additional 4" pipe with base unit UR2-DB4-1 (Unit will change to UR2-DB4-2 for two 4" or UR2-DB4-3 for 3 - 4" HDPE pipes.	1	LF	\$ 17.00	\$ 8.50	\$ 12.50	N/A
UR2-DB6-1	Directional Bore 1 - 6" HDPE pipe (Last number is qty of pipe runs)	1	LF	\$ 22.00	\$ 11.00	\$ 31.25	N/A
6-PA	6" HDPA pipe adder for installation of additional 6" pipe with base unit UR2-DB6-1 (Unit will change to UR2-DB6-2 for two 6" or UR2-DB6-3 for 3 - 6" HDPE pipes.	1	LF	\$ 25.00	\$ 12.50	\$ 27.50	N/A
UM50-P-2	1-2" P.V.C. Conduit (Add to Trench Unit)	1	LF	\$ 1.00	\$ 0.50	\$ 2.05	N/A
UM50-P-4	1-4" P.V.C. Conduit (Add to Trench Unit)	1	LF	\$ 1.10	\$ 0.55	\$ 2.35	N/A
UM50-P-6	1-6" P.V.C. Conduit (Add to Trench Unit)	1	LF	\$ 1.25	\$ 0.63	\$ 2.93	N/A
UM50-S-2	1-2" G.R.C. Conduit (Add to Trench Unit)	1	LF	\$ 2.00	\$ 1.00	\$ 3.52	N/A
UM50-S-4	1-4" G.R.C. Conduit (Add to Trench Unit)	1	LF	\$ 2.50	\$ 1.25	\$ 5.87	N/A
UM50-S-6	1-6" G.R.C. Conduit (Add to Trench Unit)	1	LF	\$ 3.00	\$ 1.50	\$ 8.21	N/A
UX2	Single Phase Pad Mounted Transformer Deferred Unit Pedestal Type	1	EA	\$ 150.00	\$ 75.00	\$ 586.59	N/A
UX3	Single Phase Pad Mounted Transformer Deferred Unit Pad-Sleeve Type	1	EA	\$ 200.00	\$ 100.00	\$ 586.59	N/A
UX2	Single Phase Pad Mounted Deferred Unit Pedestal Type	1	EA	\$ 325.00	\$ 162.50	\$ 586.59	N/A
Underground Cable:							
6 UG-DPX	6 AWG Underground Duplex Secondary	1,000	MFT	\$ 750.00	\$ 375.00	\$ 235.00	\$ 141.00
1/0 UG-TPX	1/0 AWG Underground Triplex Secondary	1,000	MFT	\$ 1,000.00	\$ 500.00	\$ 352.00	\$ 211.00
4/0 UG-TPX	4/0 AWG Underground Triplex Secondary	1,000	MFT	\$ 1,000.00	\$ 500.00	\$ 459.00	\$ 281.00
350 MCM UG-TPX	351 MCM Underground Triplex Secondary	1,000	MFT	\$ 1,500.00	\$ 750.00	\$ 587.00	\$ 352.00
1/0 UG-PRI	15kv 1/0 Underground Primary Cable 1 - Conductor	1,000	MFT	\$ 1,000.00	\$ 500.00	\$ 352.00	\$ 211.00

750 MCM UG PRI	15kV 750 MCM Underground Primary Cable 1 - Conductor	1.000	MFT	\$ 1,650.00	\$ 825.00	\$ 704.00	\$ 422.00
Junction Box:							
Junction Box Single Phase Primary	Junction Box price shall include all labor and equipment required to install Junction Box. This shall include, but not be limited to, leveling, and backfill. Junction Box shall include ground sleeve, pad, enclosure, elbows, grounding connections and all other assemblies necessary to make installation complete.	1	EA	\$ 375.00	\$ 187.50	\$ 703.91	\$ 422.35
Junction Box Three Phase Primary	Junction Box price shall include all labor and equipment required to install Junction Box. This shall include, but not be limited to, leveling, and backfill. Junction Box shall include ground sleeve, pad, enclosure, elbows, grounding connections and all other assemblies necessary to make installation complete.	1	EA	\$ 625.00	\$ 312.50	\$ 1,055.88	\$ 633.52
Junction Box Single Phase Secondary	Junction Box price shall include all labor and equipment required to install Junction Box. This shall include, but not be limited to, leveling, and backfill. Junction Box shall include ground sleeve, pad, enclosure, elbows, grounding connections and all other assemblies necessary to make installation complete.	1	EA	\$ 150.00	\$ 75.00	\$ 469.27	\$ 281.56
Junction Box Three Phase Secondary	Junction Box price shall include all labor and equipment required to install Junction Box. This shall include, but not be limited to, leveling, and backfill. Junction Box shall include ground sleeve, pad, enclosure, elbows, grounding connections and all other assemblies necessary to make installation complete.	1	EA	\$ 350.00	\$ 175.00	\$ 821.23	\$ 492.74
Pad Mount Transformers:							
UG6-(25KVA-50KVA) Pad Mount Transformers Single Phase Radial	Price shall include all labor and equipment required to install Pad Mount Transformers. This shall include, but is not limited to, leveling, and backfill. Pad Mount Transformers shall include enclosure, ground sleeve, pad, load break elbows, grounding bushings and connections/terminations and all other assemblies required to make installation complete.	1	EA	\$ 350.00	\$ 175.00	\$ 703.91	\$ 422.35
UG6-(75KVA-100KVA) Pad Mount Transformers Single Phase Radial	Price shall include all labor and equipment required to install Pad Mount Transformers. This shall include, but is not limited to, leveling, and backfill. Pad Mount Transformers shall include enclosure, ground sleeve, pad, load break elbows, grounding bushings and connections/terminations and all other assemblies required to make installation complete.	1	EA	\$ 400.00	\$ 200.00	\$ 821.23	\$ 492.74
UG17-(30KVA-45KVA) Pad Mount Transformers Three Phase Radial	Price shall include all labor and equipment required to install Pad Mount Transformers. This shall include, but is not limited to, leveling, and backfill. Pad Mount Transformers shall include enclosure, ground sleeve, pad, load break elbows, grounding bushings and connections/terminations and all other assemblies required to make installation complete.	1	EA	\$ 700.00	\$ 350.00	\$ 938.54	\$ 563.12
UG17-(75KVA-225KVA) Pad Mount Transformers Three Phase Radial	Price shall include all labor and equipment required to install Pad Mount Transformers. This shall include, but is not limited to, leveling, and backfill. Pad Mount Transformers shall include enclosure, ground sleeve, pad, load break elbows, grounding bushings and connections/terminations and all other assemblies required to make installation complete.	1	EA	\$ 1,000.00	\$ 500.00	\$ 938.54	\$ 563.12
Riser:							
Single Phase Riser Primary (UA1)	Price shall include all equipment and labor required to install riser. This shall include, but is not limited to, installing conduit up the pole, connections to primary or protective equipment, installing wire up pole, and sweep at the bottom of pole.	1	EA	\$ 675.00	\$ 337.50	\$ 821.23	\$ 492.74
Three Phase Riser Primary (UC2)	Price shall include all equipment and labor required to install riser. This shall include, but is not limited to, installing conduit up the pole, connections to primary or protective equipment, installing wire up pole, and sweep at the bottom of pole.	1	EA	\$ 1,250.00	\$ 625.00	\$ 2,111.72	\$ 1,267.03
Secondary Riser (UM5)	Price shall include all equipment and labor required to install riser. This shall include, but is not limited to, installing conduit up the pole, connections to primary or protective equipment, installing wire up pole, and sweep at the bottom of pole.	1	EA	\$ 675.00	\$ 287.50	\$ 586.59	\$ 351.95
Manhole:							
Manhole (Typical 4'x6'x4' deep)	Price shall include all equipment and labor required to install manhole. This shall include, but is not limited to, excavation of hole, leveling of manhole, installing of manhole ring, and all other assemblies required to make installation complete. Compaction equipment shall be used when placing backfill.	1	EA	\$ 840.00	\$ 420.00	\$ 9,385.44	\$ 5,631.26
Manhole (crane required)	Price shall include all equipment and labor required to install manhole. This shall include, but is not limited to, excavation of hole, leveling of manhole, installing of manhole ring, and all other assemblies required to make installation complete. Compaction equipment shall be used when placing backfill. Contractor shall be responsible for crane rental and rental shall be invoiced at cost to Owner. Rental agreement shall be submitted.	1	EA	\$ 1,800.00	\$ 1,500.00	\$ 11,731.80	\$ 7,039.08
Switchgear:							
Switchgear (Manhole Type)	Price shall include all equipment and labor required to install switchgear. This shall include, but is not limited to, excavation, backfill, leveling, ground connections/terminations and all other assemblies required to make installation complete. Compaction equipment shall be used when placing backfill.	1	EA	\$ 1,400.00	\$ 800.00	\$ 9,385.44	\$ 5,631.26
Switchgear (Pad-Mount Type)	Price shall include all equipment and labor required to install switchgear. This shall include, but is not limited to, excavation, backfill, leveling, ground connections/terminations and all other assemblies required to make installation complete. Compaction equipment shall be used when placing backfill.	1	EA	\$ 1,200.00	\$ 800.00	\$ 4,692.72	\$ 2,815.63
Concrete Encasement:							
Concrete Encasement	Price shall include all equipment and labor required to place concrete. Contractor to bill for concrete at purchased price. Ticket from concrete company shall be submitted.	1	yd.	\$ 100.00	\$ 300.00	\$ 351.95	\$ 211.17
Grounds Repair:							
BERM-SOD	BERMUDA SOD & PREP - LAWN REPAIR	100	SQFT	\$ 517.00	\$ 258.50	\$ 212.00	N/A
ZOYS-SOD	ZOYSIA SOD & PREP - LAWN REPAIR	100	SQFT	\$ 95.00	\$ 47.50	\$ 231.00	N/A
SEED-MUL	SEEDING AND MULCHING (CONVENTIONAL OR HYDRO)	100	SQFT	\$ 9.95	\$ 4.98	\$ 175.00	N/A