

TOWNSHIP OF LOWER MERION  
TABULATION OF BIDS - ARDMORE PUMP STATION ELECTRICAL AND VENTILATION UPGRADE  
CONTRACT NUMBER: 4717-17-50  
BIDS RECEIVED: JANUARY 25, 2018 - 11:00 AM

Bidders:		AJM Electric, Inc. 2333 Concord Road Chester, PA 19013 Bid Bond - 10%	A.N. Lynch Co., Inc. 122 Finkbiner Road Spring City, PA 19475 Bid Bond - 10%	MJF Electrical Contracting, Inc. 1380 S. Pennsylvania Avenue Morrisville, PA 19067 Bid Bond - 10%
Item No.	Description			
<b>A. Infrastructure/Site Preparation: Demolition</b>				
1	Exterior Selective Demolition (Transformer, etc)	\$ 10,200.00	\$ 15,000.00	\$ 7,000.00
2	Interior Selective Demolition (Lighting, Motor Control Center, Panelboard, Ventilation, etc)	\$ 9,500.00	\$ 30,000.00	\$ 8,000.00
<b>Subtotal for "A"</b>		<b>\$ 19,700.00</b>	<b>\$ 45,000.00</b>	<b>\$ 15,000.00</b>
<b>B. Infrastructure/Site Preparation: Excavation/Grading</b>				
3	Excavation	\$ 10,500.00	\$ 6,250.00	\$ 5,000.00
4	Backfill	\$ 9,900.00	\$ 1,100.00	\$ 5,000.00
5	Site Restoration	\$ 3,000.00	\$ 950.00	\$ 5,000.00
<b>Subtotal for "B"</b>		<b>\$ 23,400.00</b>	<b>\$ 8,300.00</b>	<b>\$ 15,000.00</b>
<b>C. Machinery &amp; Equipment: New Equipment Purchase</b>				
<b>Exterior Work</b>				
6	Concrete Equipment Pad \ Vault	\$ 10,500.00	\$ 5,500.00	\$ 10,000.00
7	Primary Cables and Termination	\$ 14,000.00	\$ 2,375.00	\$ 20,000.00
8	Secondary Feeder Cables, Termination and Testing	\$ 18,000.00	\$ 2,550.00	\$ 16,000.00
9	Grounding	\$ 5,000.00	\$ 1,950.00	\$ 4,000.00
10	Cable Testing	\$ 2,500.00	\$ 900.00	\$ 2,000.00
11	Start Up and Testing	\$ 2,000.00	\$ 1,150.00	\$ 2,000.00
<b>Interior Work</b>				
12	Temporary Electric	\$ 2,000.00	\$ 2,500.00	\$ 5,000.00
13	Concrete Equipment Pads	\$ 2,000.00	\$ 2,550.00	\$ 1,000.00
14	Branch Power Rough In (Conduits)	\$ 10,100.00	\$ 9,000.00	\$ 20,000.00
15	Branch Circuit Wire and Cable	\$ 10,250.00	\$ 16,000.00	\$ 16,000.00
16	Feeder Power Rough In (Conduits)	\$ 12,000.00	\$ 5,500.00	\$ 5,000.00
17	Feeder Cable and Terminations	\$ 13,500.00	\$ 5,000.00	\$ 25,000.00
18	Wiring Devices, Occupancy Sensors and Plates	\$ 9,000.00	\$ 10,500.00	\$ 10,000.00
19	PLC cabinets	\$ 26,000.00	\$ 43,000.00	\$ 60,000.00
20	Variable Frequency Drives	\$ 40,000.00	\$ 63,000.00	\$ 15,000.00
21	TVSS Unit	\$ 3,000.00	\$ 2,500.00	\$ 5,000.00
22	Transformer	\$ 5,000.00	\$ 23,000.00	\$ 2,000.00
23	Motor Control Center	\$ 35,000.00	\$ 43,000.00	\$ 50,000.00
24	Panelboard	\$ 2,500.00	\$ 5,820.00	\$ 15,000.00
25	Main Circuit Breaker	\$ 3,000.00	\$ 5,500.00	\$ 10,000.00
26	Lighting	\$ 49,000.00	\$ 55,000.00	\$ 47,000.00
27	Ventilation Upgrade	\$ 15,000.00	\$ 65,000.00	\$ 30,000.00
28	Connections and testing	\$ 5,000.00	\$ 4,500.00	\$ 5,000.00
29	Start Up, Testing, Training, and Operation & Maintenance Manuals	\$ 3,000.00	\$ 750.00	\$ 10,000.00
30	Building Restoration	\$ 2,000.00	\$ 950.00	\$ 10,000.00
31	Punch List	\$ 1,500.00	\$ 500.00	\$ 5,000.00
<b>Subtotal for "C"</b>		<b>\$ 300,850.00</b>	<b>\$ 377,995.00</b>	<b>\$ 400,000.00</b>

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<b>D. Miscellaneous: Other Construction Items</b>				
	<b>Administration</b>			
32	Submittals	\$ 1,000.00	\$ 1,000.00	\$ 3,000.00
33	As Built Drawings	\$ 500.00	\$ 950.00	\$ 3,000.00
	<b>Exterior/Site Work</b>			
34	Layout	\$ 1,000.00	\$ 1,000.00	\$ 3,000.00
35	Maintenance and Protection of Traffic and Pedestrians	\$ 2,000.00	\$ 1,500.00	\$ 5,000.00
	<b>Bond, Permit, Mobilize, Demobilize</b>			
36	Contract Bonds	\$ 9,000.00	\$ 7,525.00	\$ 10,000.00
37	Licenses and Permits	\$ -	\$ 650.00	\$ 5,000.00
38	Mobilization	\$ 3,500.00	\$ 9,050.00	\$ 5,000.00
39	Demobilization	\$ 2,000.00	\$ 2,000.00	\$ 5,000.00
	<b>Subtotal for "D"</b>	<b>\$ 19,000.00</b>	<b>\$ 23,675.00</b>	<b>\$ 39,000.00</b>
	<b>Total Lump Sum Price Bid for Base Contract</b>	<b>\$ 362,950.00</b>	<b>\$ 454,970.00</b>	<b>\$ 469,000.00</b>

Contingency Items				
Item No.	Description			
C1	Replace primary service conductors in lieu of reusing existing, 108 LF	\$ 10,800.00	\$ 14,580.00	\$ 16,200.00
C2	Install new conduit and conductors for primary service existing with new spare conduit, including trench restoration			
	Maintenance and Protection of Traffic	\$ 2,500.00	\$ 12,000.00	\$ 15,000.00
	Trench & Excavation: 1,080 CF	\$ 5,400.00	\$ 15,120.00	\$ 16,200.00
	Pair of New Conduits: 108 LF	\$ 2,160.00	\$ 3,915.00	\$ 3,240.00
	New Conductors: 108 LF	\$ 10,800.00	\$ 14,580.00	\$ 16,200.00
	Compacted Soil Backfill: 285 CF	\$ 7,125.00	\$ 4,275.00	\$ 2,850.00
	Compacted 2A Stone: 235 CF	\$ 8,225.00	\$ 2,350.00	\$ 4,700.00
	Compacted 57 Stone: 420 CF	\$ 14,700.00	\$ 5,040.00	\$ 4,800.00
	Sidewalk Restoration: 140 SF	\$ 1,200.00	\$ 3,500.00	\$ 2,800.00
	Roadway Restoration: 120 SF	\$ 2,000.00	\$ 12,300.00	\$ 6,000.00
	Lawn Restoration: 10 SF	\$ 500.00	\$ 2,370.00	\$ 250.00
	<b>Sum of the listed items</b>	<b>\$ 54,610.00</b>	<b>\$ 75,450.00</b>	<b>\$ 72,040.00</b>
	<b>Total Lump Sum Price for Contingency Items</b>	<b>\$ 65,410.00</b>	<b>\$ 90,030.00</b>	<b>\$ 88,240.00</b>

Add Alternates				
Item No.	Description			
A-1	Demolish and Remove Exterior Electrical Equipment	\$ 9,000.00	\$ 12,000.00	\$ 1,000.00
A-2	Demolish Site Features; Infill, Prepare Subgrade, and Pave	\$ 35,900.00	\$ 8,500.00	\$ 15,000.00
A-3	Demolish and Remove Remaining Hydronic Heating System, including fuel line	\$ 5,000.00	\$ 6,500.00	\$ 15,000.00

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Bidders:		Lenni Electric Corporation 1020 Andrew Drive West Chester, PA 19380 Bid Bond - 10%	Philips Brothers Electric Contractors, Inc 235 Sweet Spring Road Glenmoore, PA 19343 Bid Bond - 10%
Item No.	Description		
<b>A. Infrastructure/Site Preparation: Demolition</b>			
1	Exterior Selective Demolition (Transformer, etc)	\$ 5,440.00	\$ 5,000.00
2	Interior Selective Demolition (Lighting, Motor Control Center, Panelboard, Ventilation, etc)	\$ 25,799.00	\$ 60,000.00
<b>Subtotal for "A"</b>		<b>\$ 31,239.00</b>	<b>\$ 65,000.00</b>
<b>B. Infrastructure/Site Preparation: Excavation/Grading</b>			
3	Excavation	\$ 1,000.00	\$ 5,000.00
4	Backfill	\$ 1,000.00	\$ 5,000.00
5	Site Restoration	\$ 1,030.00	\$ 1,000.00
<b>Subtotal for "B"</b>		<b>\$ 3,030.00</b>	<b>\$ 11,000.00</b>
<b>C. Machinery &amp; Equipment: New Equipment Purchase</b>			
	<b>Exterior Work</b>		
6	Concrete Equipment Pad \ Vault	\$ 6,000.00	\$ 3,500.00
7	Primary Cables and Termination	\$ 9,100.00	\$ 10,000.00
8	Secondary Feeder Cables, Termination and Testing	\$ 9,800.00	\$ 15,000.00
9	Grounding	\$ 4,049.00	\$ 500.00
10	Cable Testing	\$ 2,338.00	\$ 250.00
11	Start Up and Testing	\$ 4,556.00	\$ 250.00
	<b>Interior Work</b>		
12	Temporary Electric	\$ 6,227.00	\$ 500.00
13	Concrete Equipment Pads	\$ 1,109.00	\$ 1,000.00
14	Branch Power Rough In (Conduits)	\$ 69,650.00	\$ 50,000.00
15	Branch Circuit Wire and Cable	\$ 38,950.00	\$ 40,000.00
16	Feeder Power Rough In (Conduits)	\$ 14,500.00	\$ 10,000.00
17	Feeder Cable and Terminations	\$ 6,250.00	\$ 10,000.00
18	Wiring Devices, Occupancy Sensors and Plates	\$ 5,050.00	\$ 10,000.00
19	PLC cabinets	\$ 39,280.00	\$ 20,000.00
20	Variable Frequency Drives	\$ 30,700.00	\$ 30,000.00
21	TVSS Unit	\$ 1,975.00	\$ 1,500.00
22	Transformer	\$ 3,584.00	\$ 1,000.00
23	Motor Control Center	\$ 24,545.00	\$ 30,000.00
24	Panelboard	\$ 3,994.00	\$ 1,000.00
25	Main Circuit Breaker	\$ 4,560.00	\$ 500.00
26	Lighting	\$ 37,400.00	\$ 30,000.00
27	Ventilation Upgrade	\$ 74,900.00	\$ 10,000.00
28	Connections and testing	\$ 4,540.00	\$ 38,000.00
29	Start Up, Testing, Training, and Operation & Maintenance Manuals	\$ 10,100.00	\$ 2,000.00
30	Building Restoration	\$ 3,550.00	\$ 5,000.00
31	Punch List	\$ 2,210.00	\$ 500.00
<b>Subtotal for "C"</b>		<b>\$ 418,917.00</b>	<b>\$ 320,500.00</b>

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<b>D. Miscellaneous: Other Construction Items</b>			
<b>Administration</b>			
32	Submittals	\$ 1,000.00	\$ 35,000.00
33	As Built Drawings	\$ 1,000.00	\$ 500.00
<b>Exterior/Site Work</b>			
34	Layout	\$ 2,210.00	\$ 2,000.00
35	Maintenance and Protection of Traffic and Pedestrians	\$ 1,900.00	\$ 500.00
<b>Bond, Permit, Mobilize, Demobilize</b>			
36	Contract Bonds	\$ 9,258.00	\$ 28,000.00
37	Licenses and Permits	\$ 2,580.00	\$ 500.00
38	Mobilization	\$ 2,450.00	\$ 25,000.00
39	Demobilization	\$ 2,450.00	\$ 5,000.00
<b>Subtotal for "D"</b>		<b>\$ 22,848.00</b>	<b>\$ 96,500.00</b>
<b>Total Lump Sum Price Bid for Base Contract</b>		<b>\$ 476,034.00</b>	<b>\$ 493,000.00</b>

Contingency Items			
Item No.	Description		
C1	Replace primary service conductors in lieu of reusing existing, 108 LF	\$ 7,992.00	\$ 12,960.00
C2	Install new conduit and conductors for primary service existing with new spare conduit, including trench restoration:		
	Maintenance and Protection of Traffic	\$ 500.00	\$ 2,000.00
	Trench & Excavation: 1,080 CF	\$ 6,912.00	\$ 8,640.00
	Pair of New Conduits: 108 LF	\$ 2,808.00	\$ 1,080.00
	New Conductors: 108 LF	\$ 7,992.00	\$ 12,960.00
	Compacted Soil Backfill: 285 CF	\$ 1,425.00	\$ 570.00
	Compacted 2A Stone: 235 CF	\$ 1,175.00	\$ 940.00
	Compacted 57 Stone: 420 CF	\$ 2,100.00	\$ 840.00
	Sidewalk Restoration: 140 SF	\$ 2,429.00	\$ 2,100.00
	Roadway Restoration: 120 SF	\$ 2,760.00	\$ 2,400.00
	Lawn Restoration: 10 SF	\$ 120.00	\$ 500.00
<b>Sum of the listed items</b>		<b>\$ 28,221.00</b>	<b>\$ 32,030.00</b>
<b>Total Lump Sum Price for Contingency Items</b>		<b>\$ 36,213.00</b>	<b>\$ 44,990.00</b>

Add Alternates			
Item No.	Description		
A-1	Demolish and Remove Exterior Electrical Equipment	\$ 5,440.00	\$ 2,000.00
A-2	Demolish Site Features; Infill, Prepare Subgrade, and Pave	\$ 6,400.00	\$ 11,800.00
A-3	Demolish and Remove Remaining Hydronic Heating System, including fuel line	\$ 40,000.00	\$ 12,000.00