

ORD#0067-2014 , DIVISION OF POWER  
 STREET LIGHT 3-WIRE CONVERSION PILOT PROJECT  
 C.I.P. NO. 670774-100000  
 BID TABULATION, OPENED 1/22/14  
 ENGINEER'S ESTIMATE =

\$131,956.50

Ref. No.	Item No.	Description	Qty	Unit	Complete General 1221 E. Fifth Ave, Columbus, OH 43219				Tip-Dan Electrical P0 Box 247., Groveport, OH 43125				Jess Howard 6630 Taylor Rd., Blacklick, OH 43004				US Utility C 3115 E. 17th Ave. C				
					Material	Labor	Total	Extended Total	Material	Labor	Total	Extended Total	Material	Labor	Total	Extended Total	Material	Labor			
<b>Circuit #673</b>																					
1	190	Cable - #8AWG, XHHW-2, 600V, green only	5400	LIN. FT	0.60	0.30	0.90	4,860.00	0.40	1.25	1.65	8,910.00	0.34	1.08	1.42	7,668.00	0.35	1.37			
2	196	Pole to be wired	27	EA	115.00	100.00	215.00	5,805.00	26.00	40.00	66.00	1,782.00	27.96	121.81	149.77	4,043.79	29.81	194.00			
3	190	Cable - #8AWG, XHHW-2, 600V, green only	1100	LIN. FT	0.60	0.30	0.90	990.00	0.40	1.25	1.65	1,815.00	0.45	2.68	3.13	3,443.00	0.69	1.54			
4	190	Cable - #4 5KV	300	LIN. FT	1.50	0.50	2.00	600.00	2.65	1.25	3.90	1,170.00	2.73	1.23	3.96	1,188.00	1.45	1.62			
5	111	Extra Ground Rod	15	EA	100.00	100.00	200.00	3,000.00	20.00	75.00	95.00	1,425.00	17.64	98.35	115.99	1,739.85	19.81	145.50			
<b>Circuit #708</b>																					
1	190	Cable - #8AWG, XHHW-2, 600V, green only	8400	LIN. FT	0.60	0.30	0.90	7,560.00	0.40	1.25	1.65	13,860.00	0.34	1.08	1.42	11,928.00	0.35	1.36			
2	196	Pole to be wired	42	EA	115.00	100.00	215.00	9,030.00	26.00	40.00	66.00	2,772.00	26.23	117.58	143.81	6,040.02	28.39	242.50			
3	190	Cable - #8AWG, XHHW-2, 600V, green only	1700	LIN. FT	0.60	0.30	0.90	1,530.00	0.40	1.25	1.65	2,805.00	0.52	2.99	3.51	5,967.00	0.65	2.51			
4	190	Cable - #4 5KV	420	LIN. FT	1.50	0.50	2.00	840.00	2.65	1.25	3.90	1,638.00	2.72	1.23	3.95	1,659.00	1.45	1.62			
5	111	Extra Ground Rod	20	EA	100.00	100.00	200.00	4,000.00	20.00	75.00	95.00	1,900.00	17.65	99.57	117.22	2,344.40	19.77	145.50			
<b>Circuit #662</b>																					
1	190	Cable - #8AWG, XHHW-2, 600V, green only	7200	LIN. FT	0.60	0.30	0.90	6,480.00	0.40	1.25	1.65	11,880.00	0.34	1.08	1.42	10,224.00	0.35	1.55			
2	196	Pole to be wired	36	EA	115.00	100.00	215.00	7,740.00	26.00	40.00	66.00	2,376.00	26.83	117.31	144.14	5,189.04	29.64	194.00			
3	190	Cable - #8AWG, XHHW-2, 600V, green only	1440	LIN. FT	0.60	0.30	0.90	1,296.00	0.40	1.25	1.65	2,376.00	0.45	2.67	3.12	4,492.80	0.83	1.62			
4	190	Cable - #4 5KV	360	LIN. FT	1.50	0.50	2.00	720.00	2.65	1.25	3.90	1,404.00	2.72	1.23	3.95	1,422.00	1.45	1.62			
5	111	Extra Ground Rod	15	EA	100.00	100.00	200.00	3,000.00	20.00	75.00	95.00	1,425.00	16.76	97.47	114.23	1,713.45	19.81	145.50			
<b>Circuit #684</b>																					
1	190	Cable - #8AWG, XHHW-2, 600V, green only	3800	LIN. FT	0.60	0.30	0.90	3,420.00	0.40	1.25	1.65	6,270.00	0.34	1.07	1.41	5,358.00	0.35	1.35			
2	196	Pole to be wired	19	EA	115.00	100.00	215.00	4,085.00	26.00	40.00	66.00	1,254.00	28.03	118.19	146.22	2,778.18	24.63	97.00			
3	190	Cable - #8AWG, XHHW-2, 600V, green only	800	LIN. FT	0.60	0.30	0.90	720.00	0.40	1.25	1.65	1,815.00	0.49	2.77	3.26	2,608.00	0.93	1.70			
4	190	Cable - #4 5KV	200	LIN. FT	1.50	0.50	2.00	400.00	2.65	1.25	3.90	1,170.00	2.75	1.48	4.23	846.00	1.44	1.70			
5	111	Extra Ground Rod	10	EA	100.00	100.00	200.00	2,000.00	20.00	75.00	95.00	1,425.00	17.69	103.25	120.94	1,209.40	19.77	145.50			
<b>Circuit #669</b>																					
1	190	Cable - #8AWG, XHHW-2, 600V, green only	17400	LIN. FT	0.60	0.30	0.90	15,660.00	0.40	1.25	1.65	28,710.00	0.34	1.07	1.41	24,534.00	0.35	1.36			
2	196	Pole to be wired	87	EA	115.00	100.00	215.00	18,705.00	26.00	40.00	66.00	5,742.00	22.37	79.81	102.18	8,889.66	24.54	97.00			
3	190	Cable - #8AWG, XHHW-2, 600V, green only	3500	LIN. FT	0.60	0.30	0.90	3,150.00	0.40	1.25	1.65	5,775.00	0.45	2.66	3.11	10,885.00	0.80	1.59			
4	190	Cable - #4 5KV	900	LIN. FT	1.50	0.50	2.00	1,800.00	2.65	1.25	3.90	3,510.00	2.71	1.31	4.02	3,618.00	1.45	1.56			
5	111	Extra Ground Rod	20	EA	100.00	100.00	200.00	4,000.00	20.00	75.00	95.00	1,900.00	17.65	99.57	117.22	2,344.40	19.77	145.50			
<b>Circuit #704</b>																					
1	190	Cable - #8AWG, XHHW-2, 600V, green only	6400	LIN. FT	0.60	0.30	0.90	5,760.00	0.40	1.25	1.65	10,560.00	0.34	1.07	1.41	9,024.00	0.35	1.36			
2	196	Pole to be wired	32	EA	115.00	100.00	215.00	6,880.00	26.00	40.00	66.00	2,112.00	27.88	119.12	147.00	4,704.00	24.57	97.00			
3	190	Cable - #8AWG, XHHW-2, 600V, green only	1400	LIN. FT	0.60	0.30	0.90	1,260.00	0.40	1.25	1.65	2,310.00	0.51	2.74	3.25	4,550.00	0.74	1.59			
4	190	Cable - #4 5KV	400	LIN. FT	1.50	0.50	2.00	800.00	2.65	1.25	3.90	1,560.00	2.72	1.29	4.01	1,604.00	1.45	1.58			
5	111	Extra Ground Rod	15	EA	100.00	100.00	200.00	3,000.00	20.00	75.00	95.00	1,425.00	17.64	98.35	115.99	1,739.85	19.81	145.50			
<b>Circuit #425</b>																					
1	190	Cable - #8AWG, XHHW-2, 600V, green only	3400	LIN. FT	0.60	0.30	0.90	3,060.00	0.40	1.25	1.65	5,610.00	0.34	1.07	1.41	4,794.00	0.35	1.36			
2	196	Pole to be wired	17	EA	500.00	300.00	800.00	13,600.00	26.00	40.00	66.00	1,122.00	377.40	500.95	878.35	14,931.95	333.79	556.32			
3	190	Cable - #8AWG, XHHW-2, 600V, green only	700	LIN. FT	0.60	0.30	0.90	630.00	0.40	1.25	1.65	1,155.00	0.53	2.84	3.37	2,359.00	0.35	1.52			
4	190	Cable - #4 5KV	200	LIN. FT	1.50	0.50	2.00	400.00	2.65	1.25	3.90	780.00	2.75	1.48	4.23	846.00	1.40	1.70			
5	198	Controller Pole Mount	1	EA	1,000.00	1,000.00	2,000.00	2,000.00	3,200.00	1,500.00	4,700.00	4,700.00	2,782.58	933.31	3,715.89	3,715.89	2,246.40	1,164.00			
6	44	Riser	1	EA	300.00	200.00	500.00	500.00	800.00	800.00	1,600.00	1,600.00	458.84	933.31	1,392.15	1,392.15	432.90	388.00			
7	111	Extra Ground Rod	10	EA	100.00	100.00	200.00	2,000.00	20.00	75.00	95.00	950.00	17.69	103.25	120.94	1,209.40	20.83	145.50			
<b>Circuit #670</b>																					
1	190	Cable - #8AWG, XHHW-2, 600V, green only	3200	LIN. FT	0.60	0.30	0.90	2,880.00	0.40	1.25	1.65	5,280.00	0.34	1.09	1.43	4,576.00	0.35	1.36			
2	196	Pole to be wired	16	EA	115.00	100.00	215.00	3,440.00	26.00	40.00	66.00	1,056.00	27.90	121.41	149.31	2,388.96	29.69	194.00			
3	190	Cable - #8AWG, XHHW-2, 600V, green only	720	LIN. FT	0.60	0.30	0.90	648.00	0.40	1.25	1.65	1,188.00	0.50	2.87	3.37	2,426.40	0.36	1.75			
4	190	Cable - #4 5KV	200	LIN. FT	1.50	0.50	2.00	400.00	2.65	1.25	3.90	780.00	2.75	1.48	4.23	846.00	1.47	1.46			
5	111	Extra Ground Rod	5	EA	100.00	100.00	200.00	1,000.00	20.00	75.00	95.00	475.00	17.69	103.25	120.94	604.70	19.66	145.50			
								\$159,649.00					\$168,482.00					\$193,845.29			
Special	CONTINGENCY (30% of subtotal)								\$47,894.70					\$50,544.60					\$58,153.59		

<b>BIDDER'S TOTAL</b>	<b>\$207,543.70</b>	<b>\$219,026.60</b>	<b>\$251,998.88</b>	
% DIFFERENCE FROM ENGINEER'S ESTIMATE	57.28%	65.98%	90.97%	
Proposed Subs C.C.? (Pgs.7)	no	no	no	
Contract Compliance No. (Pg. 10)	31-43663822 (exp. 10/3/15, MAJ)	31-1443058 (exp. 11/17/16, MAJ)	31-4405752(exp. 2/22/15, MAJ)	34
Statements & Affidavit Completed? (Pgs. 29-32)	yes	yes	yes	
(1) Addendum Ackldgmt. Completed? (Pg. 45)	yes	no	yes	
Proposal Signature Completed ? (Pg. 46)	yes	yes	yes	
Bonding Company (Pg. 47)	Arch Insurance Co.	Old Republic Surety	Federal Insurance Co.	North Am

Circuit #684 line items 3,4,5 had incorrect extended total amounts. Caused Subtotal, Contingency, & Grand Total to be inaccurate. Per the City Attorney's Office and the CMS sections quoted in the contract, we are not able to make adjustments to the contractor's bid amount.

Contractor Co. Columbus, OH 43219		Perram Electric, Inc. 6882 Ridge Road, Wadsworth, OH 44281			
Total	Extended Total	Material	Labor	Total	Extended Total
1.72	9,288.00	0.35	2.10	2.45	13,230.00
223.81	6,042.87	45.00	255.00	300.00	8,100.00
2.23	2,453.00	0.35	2.05	2.40	2,640.00
3.07	921.00	1.40	2.10	3.50	1,050.00
165.31	2,479.65	40.00	45.00	85.00	1,275.00
1.71	14,364.00	0.35	2.10	2.45	20,580.00
270.89	11,377.38	45.00	255.00	300.00	12,600.00
3.16	5,372.00	0.35	2.05	2.40	4,080.00
3.07	1,289.40	1.40	2.10	3.50	1,470.00
165.27	3,305.40	40.00	45.00	85.00	1,700.00
1.90	13,680.00	0.35	2.10	2.45	17,640.00
223.64	8,051.04	45.00	255.00	300.00	10,800.00
2.45	3,528.00	0.35	2.05	2.40	3,456.00
3.07	1,105.20	1.40	2.10	3.50	1,260.00
165.31	2,479.65	40.00	45.00	85.00	1,275.00
1.70	6,460.00	0.35	2.10	2.45	9,310.00
121.63	2,310.97	45.00	255.00	300.00	5,700.00
2.63	2,104.00	0.35	2.05	2.40	1,920.00
3.14	628.00	1.40	2.10	3.50	700.00
165.27	1,652.70	40.00	45.00	85.00	850.00
1.71	29,754.00	0.35	2.10	2.45	42,630.00
121.54	10,573.98	45.00	255.00	300.00	26,100.00
2.39	8,365.00	0.35	2.05	2.40	8,400.00
3.01	2,709.00	1.40	2.10	3.50	3,150.00
165.27	3,305.40	40.00	45.00	85.00	1,700.00
1.71	10,944.00	0.35	2.10	2.45	15,680.00
121.57	3,890.24	45.00	255.00	300.00	9,600.00
2.33	3,262.00	0.35	2.05	2.40	3,360.00
3.03	1,212.00	1.40	2.10	3.50	1,400.00
165.31	2,479.65	40.00	45.00	85.00	1,275.00
1.71	5,814.00	0.35	2.10	2.45	8,330.00
890.11	15,131.87	260.00	860.00	1,120.00	19,040.00
1.87	1,309.00	0.35	2.05	2.40	1,680.00
3.10	620.00	1.40	2.10	3.50	700.00
3,410.40	3,410.40	2,545.00	2,505.00	5,050.00	5,050.00
820.90	820.90	140.00	600.00	740.00	740.00
166.33	1,663.30	40.00	45.00	85.00	850.00
1.71	5,472.00	0.35	2.10	2.45	7,840.00
223.69	3,579.04	45.00	255.00	300.00	4,800.00
2.11	1,519.20	0.35	2.05	2.40	1,728.00
2.93	586.00	1.40	2.10	3.50	700.00
165.16	825.80	40.00	45.00	85.00	425.00
\$216,139.04		\$284,814.00			
\$64,841.71		\$85,444.20			

\$280,980.75	\$370,258.20
112.93%	180.59%
no	no
-1606689 (exp. 1/22/16, FBE)	34-1504716 (exp. 1/10/16, MAJ)
yes	yes
yes	yes
yes	yes
American Specialty Insurance Co.	Ohio Farmers Insurance Co.

total estimate \$131,956.50

**SCHEDULE OF BIDS**  
**3 WIRE CONVERSION - CKT#708**

1/22/2014

**BID OPENING-**

					ENGINEER'S ESTIMATE			
ITEM #	MIS No.	DESCRIPTION	UNIT	QTY.	LABOR & EQUIP	TOTAL	LABOR & EQUIP	TOTAL
1	190	CABLE-#8AWG, XHHW-2, 600V / GREEN ONLY	LIN. FT	8400	\$0.50	\$4,200.00	\$0.00	\$0.00
2	196	POLE TO BE WIRED	EA	42	\$100.00	\$4,200.00	\$0.00	\$0.00
3	190	CABLE - #8AWG, XHHW-2, 600V GREEN ONLY	LIN.FT	1700	\$0.50	\$850.00	\$0.00	\$0.00
4	190	CABLE - #4 5KV IF REQUIRED	LIN.FT	420	\$1.25	\$525.00	\$0.00	\$0.00
5	111	EXTRA GROUND ROD IF REQUIRED	EA	20	\$150.00	\$3,000.00	\$0.00	\$0.00
		30% CONTINGENCY				\$3,832.50		\$0.00
		15% INSPECTION				\$0.00		\$0.00
<b>TOTALS</b>						<b>\$16,607.50</b>		<b>\$0.00</b>

**-INDICATES LOWEST BID**

ITEM #	MIS No.	DESCRIPTION	UNIT	QTY.	LABOR & EQUIP	TOTAL	LABOR & EQUIP	TOTAL
1	190	CABLE-#8AWG, XHHW-2, 600V / GREEN ONLY	LIN. FT	8400	\$0.00	\$0.00	\$0.00	\$0.00
2	196	POLE TO BE WIRED	EA	42	\$0.00	\$0.00	\$0.00	\$0.00
3	190	CABLE - #8AWG, XHHW-2, 600V GREEN ONLY	LIN.FT	1700	\$0.00	\$0.00	\$0.00	\$0.00
4	190	CABLE - #4 5KV IF REQUIRED	LIN.FT	420	\$0.00	\$0.00	\$0.00	\$0.00
5	111	EXTRA GROUND ROD IF REQUIRED	EA	20	\$0.00	\$0.00	\$0.00	\$0.00
		30% CONTINGENCY				\$0.00		\$0.00
		15% INSPECTION				\$0.00		\$0.00
<b>TOTALS</b>						<b>\$0.00</b>		<b>\$0.00</b>

**SCHEDULE OF BIDS  
3 WIRE CONVERSION - CKT#662**

**BID OPENING-**

					ENGINEER'S ESTIMATE			
ITEM #	MIS No.	DESCRIPTION	UNIT	QTY.	LABOR & EQUIP	TOTAL	LABOR & EQUIP	TOTAL
1	190	CABLE-#8AWG, XHHW-2, 600V / GREEN ONLY	LIN. FT	7200	\$0.50	\$3,600.00	\$0.00	\$0.00
2	196	POLE TO BE WIRED	EA	36	\$100.00	\$3,600.00	\$0.00	\$0.00
3	190	CABLE - #8AWG, XHHW-2, 600V GREEN ONLY	LIN.FT	1440	\$0.50	\$720.00	\$0.00	\$0.00
4	190	CABLE - #4 5KV IF REQUIRED	LIN.FT	360	\$1.25	\$450.00	\$0.00	\$0.00
5	111	EXTRA GROUND ROD IF REQUIRED	EA	15	\$150.00	\$2,250.00	\$0.00	\$0.00
		30% CONTINGENCY				\$3,186.00		\$0.00
		15% INSPECTION				\$0.00		\$0.00
<b>TOTALS</b>						<b>\$13,806.00</b>		<b>\$0.00</b>

-INDICATES LOWEST BID								
ITEM #	MIS No.	DESCRIPTION	UNIT	QTY.	LABOR & EQUIP	TOTAL	LABOR & EQUIP	TOTAL
1	190	CABLE-#8AWG, XHHW-2, 600V / GREEN ONLY	LIN. FT	7200	\$0.00	\$0.00	\$0.00	\$0.00
2	196	POLE TO BE WIRED	EA	36	\$0.00	\$0.00	\$0.00	\$0.00
3	190	CABLE - #8AWG, XHHW-2, 600V GREEN ONLY	LIN.FT	1440	\$0.00	\$0.00	\$0.00	\$0.00
4	190	CABLE - #4 5KV IF REQUIRED	LIN.FT	360	\$0.00	\$0.00	\$0.00	\$0.00
5	111	EXTRA GROUND ROD IF REQUIRED	EA	15	\$0.00	\$0.00	\$0.00	\$0.00
		30% CONTINGENCY				\$0.00		\$0.00
		15% INSPECTION				\$0.00		\$0.00
<b>TOTALS</b>						<b>\$0.00</b>		<b>\$0.00</b>

**SCHEDULE OF BIDS  
3 WIRE CONVERSION - CKT#684**

**BID OPENING-**

					ENGINEER'S ESTIMATE			
ITEM #	MIS No.	DESCRIPTION	UNIT	QTY.	LABOR & EQUIP	TOTAL	LABOR & EQUIP	TOTAL
1	190	CABLE-#8AWG, XHHW-2, 600V / GREEN ONLY	LIN. FT	3800	\$0.50	\$1,900.00	\$0.00	\$0.00
2	196	POLE TO BE WIRED	EA.	19	\$100.00	\$1,900.00	\$0.00	\$0.00
3	190	CABLE - #8AWG, XHHW-2, 600V GREEN ONLY	LIN.FT	800	\$0.50	\$400.00	\$0.00	\$0.00
4	190	CABLE - #4 5KV IF REQUIRED	LIN.FT	200	\$1.25	\$250.00	\$0.00	\$0.00
5	111	EXTRA GROUND ROD IF REQUIRED	EA	10	\$150.00	\$1,500.00	\$0.00	\$0.00
		30% CONTINGENCY				\$1,785.00		\$0.00
		15% INSPECTION				\$0.00		\$0.00
<b>TOTALS</b>						<b>\$7,735.00</b>		<b>\$0.00</b>

-INDICATES LOWEST BID								
ITEM #	MIS No.	DESCRIPTION	UNIT	QTY.	LABOR & EQUIP	TOTAL	LABOR & EQUIP	TOTAL
1	190	CABLE-#8AWG, XHHW-2, 600V / GREEN ONLY	LIN. FT	3800	\$0.00	\$0.00	\$0.00	\$0.00
2	196	POLE TO BE WIRED	EA.	19	\$0.00	\$0.00	\$0.00	\$0.00
3	190	CABLE - #8AWG, XHHW-2, 600V GREEN ONLY	LIN.FT	800	\$0.00	\$0.00	\$0.00	\$0.00
4	190	CABLE - #4 5KV IF REQUIRED	LIN.FT	200	\$0.00	\$0.00	\$0.00	\$0.00
5	111	EXTRA GROUND ROD IF REQUIRED	EA	10	\$0.00	\$0.00	\$0.00	\$0.00
		30% CONTINGENCY				\$0.00		\$0.00
		15% INSPECTION				\$0.00		\$0.00
<b>TOTALS</b>						<b>\$0.00</b>		<b>\$0.00</b>

**SCHEDULE OF BIDS  
3 WIRE CONVERSION - CKT#670**

**BID OPENING-**

					ENGINEER'S ESTIMATE			
ITEM #	MIS No.	DESCRIPTION	UNIT	QTY.	LABOR & EQUIP	TOTAL	LABOR & EQUIP	TOTAL
1	190	CABLE-#8AWG, XHHW-2, 600V / GREEN ONLY	LIN.FT	3200	\$0.50	\$1,600.00	\$0.00	\$0.00
2	196	POLE TO BE WIRED	EA	16	\$100.00	\$1,600.00	\$0.00	\$0.00
3	190	CABLE - #8AWG, XHHW-2, 600V GREEN ONLY	LIN.FT	720	\$0.50	\$360.00	\$0.00	\$0.00
4	190	CABLE - #4 5KV IF REQUIRED	LIN.FT	200	\$1.25	\$250.00	\$0.00	\$0.00
5	111	EXTRA GROUND ROD IF REQUIRED	EA	5	\$150.00	\$750.00	\$0.00	\$0.00
		30% CONTINGENCY				\$1,368.00		\$0.00
		15% INSPECTION				\$0.00		\$0.00
<b>TOTALS</b>						<b>\$5,928.00</b>		<b>\$0.00</b>

		-INDICATES LOWEST BID							
ITEM #	MIS No.	DESCRIPTION	UNIT	QTY.	LABOR & EQUIP	TOTAL	LABOR & EQUIP	TOTAL	
1	190	CABLE-#8AWG, XHHW-2, 600V / GREEN ONLY	LIN.FT	3200	\$0.00	\$0.00	\$0.00	\$0.00	
2	196	POLE TO BE WIRED	EA	16	\$0.00	\$0.00	\$0.00	\$0.00	
3	190	CABLE - #8AWG, XHHW-2, 600V GREEN ONLY	LIN.FT	720	\$0.00	\$0.00	\$0.00	\$0.00	
4	190	CABLE - #4 5KV IF REQUIRED	LIN.FT	200	\$0.00	\$0.00	\$0.00	\$0.00	
5	111	EXTRA GROUND ROD IF REQUIRED	EA	5	\$0.00	\$0.00	\$0.00	\$0.00	
		30% CONTINGENCY				\$0.00		\$0.00	
		15% INSPECTION				\$0.00		\$0.00	
<b>TOTALS</b>						<b>\$0.00</b>		<b>\$0.00</b>	



**SCHEDULE OF BIDS  
3 WIRE CONVERSION - CKT#425**

**BID OPENING-**

					ENGINEER'S ESTIMATE			
ITEM #	MIS No.	DESCRIPTION	UNIT	QTY.	LABOR & EQUIP	TOTAL	LABOR & EQUIP	TOTAL
1	190	CABLE-#8AWG, XHHW-2, 600V GREEN ONLY	LIN. FT	3400	\$0.50	\$1,700.00	\$0.00	\$0.00
2	197	POLE TO BE WIRED	EA	17	\$1,100.00	\$18,700.00	\$0.00	\$0.00
3	190	CABLE - #8AWG, XHHW-2, 600V GREEN ONLY	LIN.FT	700	\$0.50	\$350.00	\$0.00	\$0.00
4	190	CABLE - #4 5KV IF REQUIRED	LIN.FT	200	\$1.25	\$250.00	\$0.00	\$0.00
5	198	CONTROLLER - POLE MOUNT	EA	1	\$3,000.00	\$3,000.00	\$0.00	\$0.00
6	44	RISER	EA	1	\$400.00	\$400.00	\$0.00	\$0.00
7	111	EXTRA GROUND ROD IF REQUIRED	EA	10	\$150.00	\$1,500.00	\$0.00	\$0.00
		30% CONTINGENCY				\$7,770.00		\$0.00
		15% INSPECTION				\$0.00		\$0.00
<b>TOTALS</b>						<b>\$33,670.00</b>		<b>\$0.00</b>

**-INDICATES LOWEST BID**

ITEM #	MIS No.	DESCRIPTION	UNIT	QTY.	LABOR & EQUIP	TOTAL	LABOR & EQUIP	TOTAL
1	190	CABLE-#8AWG, XHHW-2, 600V GREEN ONLY	LIN. FT	3400	\$0.00	\$0.00	\$0.00	\$0.00
2	197	POLE TO BE WIRED	EA	17	\$0.00	\$0.00	\$0.00	\$0.00
3	190	CABLE - #8AWG, XHHW-2, 600V GREEN ONLY	LIN.FT	700	\$0.00	\$0.00	\$0.00	\$0.00
4	190	CABLE - #4 5KV IF REQUIRED	LIN.FT	200	\$0.00	\$0.00	\$0.00	\$0.00
5	198	CONTROLLER - POLE MOUNT	EA	1	\$0.00	\$0.00	\$0.00	\$0.00
6	44	RISER	EA	1	\$0.00	\$0.00	\$0.00	\$0.00
7	111	EXTRA GROUND ROD IF REQUIRED	EA	10	\$0.00	\$0.00	\$0.00	\$0.00
		30% CONTINGENCY				\$0.00		\$0.00
		15% INSPECTION				\$0.00		\$0.00
<b>TOTALS</b>						<b>\$0.00</b>		<b>\$0.00</b>

**SCHEDULE OF BIDS**  
**3 WIRE CONVERSION - CKT#669**

**BID OPENING-**

					ENGINEER'S ESTIMATE			
ITEM #	MIS No.	DESCRIPTION	UNIT	QTY.	LABOR & EQUIP	TOTAL	LABOR & EQUIP	TOTAL
1	190	CABLE-#8AWG, XHHW-2, 600V / GREEN ONLY	LIN. FT	17400	\$0.50	\$8,700.00	\$0.00	\$0.00
2	196	POLE TO BE WIRED	EA	87	\$100.00	\$8,700.00	\$0.00	\$0.00
3	190	CABLE - #8AWG, XHHW-2, 600V GREEN ONLY	LIN.FT	3500	\$0.50	\$1,750.00	\$0.00	\$0.00
4	190	CABLE - #4 5KV IF REQUIRED	LIN.FT	900	\$1.25	\$1,125.00	\$0.00	\$0.00
5	111	EXTRA GROUND ROD IF REQUIRED	EA	20	\$150.00	\$3,000.00	\$0.00	\$0.00
		30% CONTINGENCY				\$6,982.50		\$0.00
		15% INSPECTION				\$0.00		\$0.00
<b>TOTALS</b>						<b>\$30,257.50</b>		<b>\$0.00</b>

					-INDICATES LOWEST BID			
ITEM #	MIS No.	DESCRIPTION	UNIT	QTY.	LABOR & EQUIP	TOTAL	LABOR & EQUIP	TOTAL
1	190	CABLE-#8AWG, XHHW-2, 600V / GREEN ONLY	LIN. FT	17400	\$0.00	\$0.00	\$0.00	\$0.00
2	196	POLE TO BE WIRED	EA	87	\$0.00	\$0.00	\$0.00	\$0.00
3	190	CABLE - #8AWG, XHHW-2, 600V GREEN ONLY	LIN.FT	3500	\$0.00	\$0.00	\$0.00	\$0.00
4	190	CABLE - #4 5KV IF REQUIRED	LIN.FT	900	\$0.00	\$0.00	\$0.00	\$0.00
5	111	EXTRA GROUND ROD IF REQUIRED	EA	20	\$0.00	\$0.00	\$0.00	\$0.00
		30% CONTINGENCY				\$0.00		\$0.00
		15% INSPECTION				\$0.00		\$0.00
<b>TOTALS</b>						<b>\$0.00</b>		<b>\$0.00</b>

**SCHEDULE OF BIDS  
3 WIRE CONVERSION - CKT#704**

**BID OPENING-**

					ENGINEER'S ESTIMATE			
ITEM #	MIS No.	DESCRIPTION	UNIT	QTY.	LABOR & EQUIP	TOTAL	LABOR & EQUIP	TOTAL
1	190	CABLE-#8AWG, XHHW-2, 600V / GREEN ONLY	LIN. FT	6400	\$0.50	\$3,200.00	\$0.00	\$0.00
2	196	POLE TO BE WIRED	EA	32	\$100.00	\$3,200.00	\$0.00	\$0.00
3	190	CABLE - #8AWG, XHHW-2, 600V GREEN ONLY	LIN.FT	1400	\$0.50	\$700.00	\$0.00	\$0.00
4	190	CABLE - #4 5KV IF REQUIRED	LIN.FT	400	\$1.25	\$500.00	\$0.00	\$0.00
5	111	EXTRA GROUND ROD IF REQUIRED	EA	15	\$150.00	\$2,250.00	\$0.00	\$0.00
		30% CONTINGENCY				\$2,955.00		\$0.00
		15% INSPECTION				\$0.00		\$0.00
<b>TOTALS</b>						<b>\$12,805.00</b>		<b>\$0.00</b>

**-INDICATES LOWEST BID**

ITEM #	MIS No.	DESCRIPTION	UNIT	QTY.	LABOR & EQUIP	TOTAL	LABOR & EQUIP	TOTAL
1	190	CABLE-#8AWG, XHHW-2, 600V / GREEN ONLY	LIN. FT	6400	\$0.00	\$0.00	\$0.00	\$0.00
2	196	POLE TO BE WIRED	EA	32	\$0.00	\$0.00	\$0.00	\$0.00
3	190	CABLE - #8AWG, XHHW-2, 600V GREEN ONLY	LIN.FT	1400	\$0.00	\$0.00	\$0.00	\$0.00
4	190	CABLE - #4 5KV IF REQUIRED	LIN.FT	400	\$0.00	\$0.00	\$0.00	\$0.00
5	111	EXTRA GROUND ROD IF REQUIRED	EA	15	\$0.00	\$0.00	\$0.00	\$0.00
		30% CONTINGENCY				\$0.00		\$0.00
		15% INSPECTION				\$0.00		\$0.00
<b>TOTALS</b>						<b>\$0.00</b>		<b>\$0.00</b>

**SCHEDULE OF BIDS  
3 WIRE CONVERSION - CKT#673**

**BID OPENING-**

ITEM #	MIS No.	DESCRIPTION	UNIT	QTY.	ENGINEER'S ESTIMATE			
					LABOR & EQUIP	TOTAL	LABOR & EQUIP	TOTAL
1	190	CABLE-#8AWG, XHHW-2, 600V GREEN ONLY	LIN. FT	5400	\$0.50	\$2,700.00	\$0.00	\$0.00
2	196	POLE TO BE WIRED	EA	27	\$100.00	\$2,700.00	\$0.00	\$0.00
3	190	CABLE - #8AWG, XHHW-2, 600V GREEN ONLY	LIN.FT	1100	\$0.50	\$550.00	\$0.00	\$0.00
4	190	CABLE - #4 5KV IF REQUIRED	LIN.FT	300	\$1.25	\$375.00	\$0.00	\$0.00
5	111	EXTRA GROUND ROD IF REQUIRED	EA	15	\$150.00	\$2,250.00	\$0.00	\$0.00
		30% CONTINGENCY				\$2,572.50		\$0.00
		15% INSPECTION				\$0.00		\$0.00
<b>TOTALS</b>						<b>\$11,147.50</b>		<b>\$0.00</b>

-INDICATES LOWEST BID								
ITEM #	MIS No.	DESCRIPTION	UNIT	QTY.	ENGINEER'S ESTIMATE			
					LABOR & EQUIP	TOTAL	LABOR & EQUIP	TOTAL
1	190	CABLE-#8AWG, XHHW-2, 600V GREEN ONLY	LIN. FT	5400	\$0.00	\$0.00	\$0.00	\$0.00
2	196	POLE TO BE WIRED	EA	27	\$0.00	\$0.00	\$0.00	\$0.00
3	190	CABLE - #8AWG, XHHW-2, 600V GREEN ONLY	LIN.FT	1100	\$0.00	\$0.00	\$0.00	\$0.00
4	190	CABLE - #4 5KV IF REQUIRED	LIN.FT	300	\$0.00	\$0.00	\$0.00	\$0.00
5	111	EXTRA GROUND ROD IF REQUIRED	EA	15	\$0.00	\$0.00	\$0.00	\$0.00
		30% CONTINGENCY				\$0.00		\$0.00
		15% INSPECTION				\$0.00		\$0.00
<b>TOTALS</b>						<b>\$0.00</b>		<b>\$0.00</b>