

CONTRACT

STATE OF FLORIDA)
) SS
COUNTY OF PALM BEACH)

This Contract, made this ___ day of _____ A.D. 20__, by and between PALM BEACH COUNTY, a Political Subdivision of the State of Florida, (hereinafter called the County), and GERELCO TRAFFIC CONTROLS, INC. of PORT ST. LUCIE, FL and (his) (its) (their) heirs, successors, executors, administrators and assigns, (hereinafter called the Contractor):

WITNESSETH: The Contractor agrees with the County, for the consideration herein mentioned at his, its or their own proper cost and expense to do all the work and furnish all necessary labor, materials, equipment, machinery, tools, apparatus, services, state workmen's compensation and unemployment compensation taxes incurred in the performance of the contract, for the:

ANNUAL TRAFFIC SIGNAL CONTRACT, PALM BEACH COUNTY PROJECT NO. 2012056

IN THE AMOUNTS specified in task orders which may be issued by the County under Section #23 and the other terms of the Contract Documents. The County is not required to issue any task orders hereunder. The maximum value of orders issued under this Contract shall not, in any case, exceed TWO MILLION SEVEN HUNDRED FIFTY THOUSAND DOLLARS (\$2,750,000) (except as may be increased according to Section 37 of the Contract Specifications).

The Contract Documents relative hereto are made a part of this agreement as completely as if set forth herein to the satisfaction of the County or its duly authorized representative.

The Contractor further agrees for the consideration herein mentioned to commence the work with adequate forces and equipment within seventy-two (72) hours of the task order being issued for a specific project. After commencement of the work, the task order shall be properly dispatched toward completion, to the satisfaction of the Engineer, and shall be fully complete within the time limit specified in the task order. Should the time limit for completion of the task order exceed the expiration date of the contract, the task order work will continue to completion and the Contractor shall ensure that Bonding and Insurance coverage do not expire until all task orders issued prior to the expiration of this Contract are complete and accepted. It is understood and agreed that the time limit for completion of said work is the essence of the contract and should the Contractor fail to complete the work within the time limit, it is agreed that for such calendar day that any work provided for in these Contract Documents shall remain incomplete after the time limit has expired, including any official extension of the time limit; the sum per day given in the contained schedules shall be deducted from monies due the Contractor, not as a penalty, but as liquidated damages and added expense for supervision.

The Contractor shall take into account all contingent work which has to be done by other parties arising from any cause whatsoever, and shall not plead his want of knowledge of such contingent work as an excuse for delay in his work, or for its non-performance.

IN WITNESS WHEREOF, the parties have caused this Contract to be executed and sealed the day and year first written above.

ATTEST:

SHARON R. BOCK, Clerk and Comptroller

PALM BEACH COUNTY, a Political
Subdivision of the State of Florida
BOARD OF COUNTY COMMISSIONERS

By: _____
Deputy Clerk

By: _____
Shelley Vana, Chair

APPROVED AS TO FORM
AND LEGAL SUFFICIENCY

APPROVED AS TO TERMS
AND CONDITIONS

COUNTY ATTORNEY

Charles Rich
ENGINEERING

ATTEST

GERELCO TRAFFIC CONTROLS, INC.
(Corporate Name)

[Signature]

a FLORIDA corporation
(Insert state of corporation)

VICE PRESIDENT

By: [Signature]
(Signature)

TITLE

KENNETH A. GOLEMA, JR.
(Print signatory's name)

(CORPORATE SEAL)

It's PRESIDENT
(Print title)

CONTRACT
(SECONDARY)

STATE OF FLORIDA)
) SS
COUNTY OF PALM BEACH)

This Contract, made this _____ day of _____ A.D. 20____, by and between PALM BEACH COUNTY, a Political Subdivision of the State of Florida, (hereinafter called the County), and TRAFFIC CONTROL DEVICES, INC., of ALTAMONTE SPRINGS, FL and (his) (its) (their) heirs, successors, executors, administrators and assigns, (hereinafter called the Contractor):

WITNESSETH: The Contractor agrees with the County, for the consideration herein mentioned at his, its' or their own proper cost and expense to do all the work and furnish all necessary labor, materials, equipment, machinery, tools, apparatus, services, state workmen's compensation and unemployment compensation taxes incurred in the performance of the contract, for the:

ANNUAL TRAFFIC SIGNAL CONTRACT, PALM BEACH COUNTY PROJECT NO. 2012056

IN THE AMOUNTS specified in task orders which may be issued by the County under Section #23 and the other terms of the Contract Documents. This is a second source requirement Contract and Work Orders may be issued by the County at the County's discretion. The County is not required to issue any task orders hereunder. The maximum value of orders issued under the Primary Source Contract and this Contract shall not, in any case, exceed TWO MILLION SEVEN HUNDRED FIFTY THOUSAND DOLLARS (\$2,750,000) (except as may be increased according to Section #40 of the Contract Specifications).

The Contract Documents relative hereto are made a part of this agreement as completely as if set forth herein to the satisfaction of the County or its duly authorized representative.

The Contractor further agrees for the consideration herein mentioned to commence the work with adequate forces and equipment within seventy-two (72) hours of the task order being issued for a specific project. After commencement of the work, the task order shall be properly dispatched toward completion, to the satisfaction of the Engineer, and shall be fully complete within the time limit specified in the task order. Should the time limit for completion of the task order exceed the expiration date of the contract, the task order work will continue to completion and the Contractor shall ensure that Bonding and Insurance coverage do not expire until all task orders issued prior to the expiration of this Contract are complete and accepted. It is understood and agreed that the time limit for completion of said work is the essence of the contract and should the Contractor fail to complete the work within the time limit, it is agreed that for such calendar day that any work provided for in these Contract Documents shall remain incomplete after the time limit has expired, including any official extension of the time limit; the sum per day given in the contained schedules shall be deducted from monies due the Contractor, not as a penalty, but as liquidated damages and added expense for supervision.

The Contractor shall take into account all contingent work which has to be done by other parties arising from any cause whatsoever, and shall not plead his want of knowledge of such contingent work as an excuse for delay in his work, or for its non-performance.

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PALM BEACH COUNTY, a Political
Subdivision of the State of Florida
BOARD OF COUNTY COMMISSIONERS

By: _____
Deputy Clerk

By: _____
Shelley Vana, Chair

APPROVED AS TO FORM
AND LEGAL SUFFICIENCY

APPROVED AS TO TERMS
AND CONDITIONS

COUNTY ATTORNEY

Charles Rich
ENGINEERING

ATTEST:

[Signature]
SECRETARY

TRAFFIC CONTROL DEVICES, INC.
(Corporate Name)

a FLORIDA corporation
(Insert state of corporation)

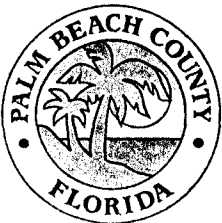
TITLE

By: [Signature]
(Signature)

(CORPORATE SEAL)

J.L. BAEDING
(Print signatory's name)

Its' Vice President
(Print title)



Office of
Small Business Assistance
50 South Military Trail, Suite 202
West Palm Beach, FL 33415
(561) 616-6840
Fax: (561) 616-6850
www.pbcgov.com/osba

**Palm Beach County
Board of County
Commissioners**

Shelley Vana, Chair

Steven L. Abrams, Vice Chairman

Karen T. Marcus

Paulette Burdick

Burt Aaronson

Jess R. Santamaria

Priscilla A. Taylor

County Administrator
Robert Weisman

DATE: April 20, 2012
TO: Charles W. Rich, P.E., Director
Engineering Services Division
THROUGH: Allen Gray - Manger, Palm Beach County Office of
Small Business Assistance
FROM: Tanoy Williams, Compliance Specialist II
SUBJECT: ¹Revised Compliance Review on Project No.
2012056 Annual Traffic Signal Contract

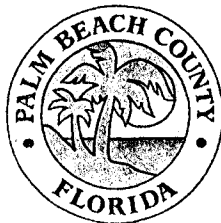
The following is a Compliance Review of SBE participation on the above-mentioned project.

LOW BIDDER: GERELCO TRAFFIC CONTROLS, INC.
560 Enterprise Drive
Port St. Lucie, FL 34986
Bid Opening: March 13, 2012
Bid Amount: \$2,670,346.17
Goal: 15% Overall
Goal Achieved: 3.23%

SBE Participation:

(WB)	² Precision Contract	\$ 0.00	0.00%
	³ Torres Electrick	\$ 0.00	0.00%
	⁴ N & H Construct.	\$ 0.00	0.00%
(SB)	Coral Steele	\$106,235.46	
	X	.60	
		\$ 63,741.27	2.39%
(BL)	All Phase	\$ 22,530.00	0.84%
		<u>\$ 86,271.27</u>	<u>3.23%</u>

"An Equal Opportunity
Affirmative Action Employer"



2ND LOW BIDDER: **TRAFFIC CONTROL DEVICES, INC.**
 242 N. WESTMONTE DRIVE
 ALTAMONT SPRINGS, FL
 407-869-5300
 Bid Amount: \$3,988,163.50
 Goal: **15% Overall**
 Goal Achieved: **0.00%**

SBE Participation:
 (WB) ⁵Precision Contract **\$0.00** **0.00%**

3RD LOW BIDDER: **THE SIGNAL GROUP, INC.**
 33 Commerce Way
 Jupiter, FL 33458
 Bid Amount: \$4,361,668.00
 Goal: **15% Overall**
 Goal Achieved: **16.14%**

SBE Participation:
 (BL) ⁶Concrete Experts \$ 86,550.00 1.98%
 (SB) ⁷Coral Steel \$617,750.76 14.16%
 \$704,300.76 16.14%

EVALUATION

The low bidder, **GERELCO TRAFFIC CONTROLS, INC.** has not met the SBE goal for this project.

The second low bidder, **TRAFFIC CONTROL DEVICES, INC.** has not met the SBE goal for this project.

The third low bidder, **THE SIGNAL GROUP, INC.** has met the SBE goal for this project but falls outside the range for ranking of responsive bidders.

c: Tammy Fields, Assistant County Attorney
File

¹ Additional Schedules were received on 04/17/2012 along with request to conduct review resulting in revised compliance review.

² Vendor decertified on 08/30/2010 for exceeding the SBE size standard.

³ Vendor not SBE certified.

⁴ Vendor not SBE certified

⁵ Vendor decertified on 08/30/2010 for exceeding the SBE size standard.

⁶ I subtracted the contingency items from vendor's SBE utilization amount. \$92,800-\$250.00-\$6000.00=\$86,550.00.

⁷ I subtracted the contingency items from vendor's SBE Utilization amount.

PROJECT NAME: ANNUAL TRAFFIC SIGNAL CONTRACT

PROJECT NUMBER: 2012056

BID OPENING DATE: MARCH 13, 2012

CONTRACT DAYS: THROUGH OCTOBER 1, 2013

ITEM #	ITEM	QTY	UNITS	UNIT PRICE	GERELCO TRAFFIC CONTROLS, INC.		TRAFFIC CONTROL DEVICES, INC.		THE SIGNAL GROUP, INC.		AVERAGE UNIT PRICE
					AMOUNT	UNIT PRICE	AMOUNT	UNIT PRICE	AMOUNT	UNIT PRICE	
102-1-A	GENERAL MAINTENANCE OF TRAFFIC	800	HR	\$84.00	\$67,200.00	\$80.00	\$64,000.00	\$245.00	\$196,000.00	\$136.33	
102-1-B	MAINTENANCE OF TRAFFIC (SECURING SIGNAL POLE)	100	HR	\$50.00	\$5,000.00	\$108.00	\$10,800.00	\$396.00	\$39,600.00	\$184.67	
102-1-C	MAINTENANCE OF TRAFFIC (UTILITY LOCATION, SOFT DIG)	50	HR	\$100.00	\$5,000.00	\$462.25	\$23,112.50	\$111.00	\$5,550.00	\$224.42	
102-11	POLICE ASSIST FOR MAINTENANCE OF TRAFFIC	50	HR	\$65.00	\$3,250.00	\$53.50	\$2,675.00	\$100.00	\$5,000.00	\$72.83	
400-1-15	CLASS I CONCRETE (MISC.) WIRE REINFORCED	50	CY	\$620.00	\$31,000.00	\$482.25	\$24,112.50	\$575.00	\$28,750.00	\$559.08	
455-142	CROSSHOLE SONIC LOGGING TEST	6	EA	\$1,550.00	\$9,300.00	\$1,271.50	\$7,629.00	\$2,345.00	\$14,070.00	\$1,722.17	
522-1-B	CONCRETE SIDEWALK 6" THICK	20	SY	\$60.00	\$1,200.00	\$63.50	\$1,270.00	\$165.00	\$3,300.00	\$96.17	
630-1-11-2	2" RIGID CONDUIT HOT DIPPED GALVANIZED CONDUIT SURFACE MOUNTED	600	LF	\$11.35	\$6,810.00	\$22.50	\$13,500.00	\$14.00	\$8,400.00	\$15.95	
630-1-12-2	2" PVC (SCH 40) UNDERGROUND CONDUIT	8000	LF	\$5.95	\$47,600.00	\$5.15	\$41,200.00	\$7.35	\$58,800.00	\$6.15	
630-1-12-2A	ADDITIONAL 2" PVC (SCH 40) CONDUIT, IN TRENCH	2500	LF	\$2.27	\$5,675.00	\$1.35	\$3,375.00	\$3.50	\$8,750.00	\$2.37	
630-1-13-2-1	1-2" (HDPE SDR 11) UNDER PAVEMENT CONDUIT (DIRECTIONAL BORE)	1500	LF	\$10.00	\$15,000.00	\$14.00	\$21,000.00	\$10.50	\$15,750.00	\$11.50	
630-1-13-2-2	2-2" (HDPE SDR 11) UNDER PAVEMENT CONDUIT (DIRECTIONAL BORE)	1500	LF	\$11.50	\$17,250.00	\$17.50	\$26,250.00	\$14.50	\$21,750.00	\$14.50	
630-1-13-2-3	3-2" (HDPE SDR 11) UNDER PAVEMENT CONDUIT (DIRECTIONAL BORE)	2000	LF	\$13.00	\$26,000.00	\$21.00	\$42,000.00	\$18.50	\$37,000.00	\$17.50	
630-1-13-2-4	4-2" (HDPE SDR 11) UNDER PAVEMENT CONDUIT (DIRECTIONAL BORE)	5000	LF	\$16.50	\$82,500.00	\$24.50	\$122,500.00	\$22.50	\$112,500.00	\$21.17	
630-1-13-2-5	5-2" (HDPE SDR 11) UNDER PAVEMENT CONDUIT (DIRECTIONAL BORE)	1000	LF	\$19.50	\$19,500.00	\$27.75	\$27,750.00	\$33.00	\$33,000.00	\$26.75	
630-1-15-2	2" GALV. IMC. BRIDGE MT. CONDUIT	200	LF	\$25.00	\$5,000.00	\$18.25	\$3,650.00	\$22.50	\$4,500.00	\$21.92	
630-3	RODDING AND CLEANING OUT EXISTING CONDUIT SCH 40	100	LF	\$1.21	\$121.00	\$1.40	\$140.00	\$0.00	\$0.00	\$0.87	
632-6-1-19	SIGNAL CABLE - 19 CONDUCTOR	800	LF	\$2.99	\$2,392.00	\$5.50	\$4,400.00	\$6.15	\$4,920.00	\$4.88	
632-6-1-4	SIGNAL CABLE - 4 CONDUCTOR	600	LF	\$1.12	\$672.00	\$3.75	\$2,250.00	\$2.15	\$1,290.00	\$2.34	
632-6-1-7	SIGNAL CABLE - 7 CONDUCTOR	600	LF	\$1.50	\$900.00	\$4.00	\$2,400.00	\$2.55	\$1,530.00	\$2.68	
632-7-1-1A	SIGNAL CABLE (SPAN LENGTH 0' - 250')	1	PI	\$1,175.00	\$1,175.00	\$1,873.50	\$1,873.50	\$3,285.00	\$3,285.00	\$2,111.17	
632-7-1-1B	SIGNAL CABLE (SPAN LENGTH 251' - 350')	1	PI	\$1,345.00	\$1,345.00	\$2,430.00	\$2,430.00	\$3,915.00	\$3,915.00	\$2,563.33	
632-7-1-1C	SIGNAL CABLE (SPAN LENGTH 351' - 450')	4	PI	\$1,635.00	\$6,540.00	\$3,140.00	\$12,560.00	\$5,400.00	\$21,600.00	\$3,391.67	
632-7-1-1D	SIGNAL CABLE (SPAN LENGTH 451' - 550')	7	PI	\$2,370.00	\$16,590.00	\$3,695.00	\$25,865.00	\$6,025.00	\$42,175.00	\$4,030.00	
632-7-1-1E	SIGNAL CABLE (SPAN LENGTH 551' - 650')	6	PI	\$3,300.00	\$19,800.00	\$4,250.00	\$25,500.00	\$8,055.00	\$48,330.00	\$5,201.67	
632-7-1-1F	SIGNAL CABLE (SPAN LENGTH 651' - 750')	6	PI	\$3,550.00	\$21,300.00	\$4,595.00	\$27,570.00	\$9,080.00	\$54,480.00	\$5,741.67	
632-7-1-1G	SIGNAL CABLE (SPAN LENGTH 751' - Greater)	5	PI	\$4,150.00	\$20,750.00	\$6,111.00	\$30,555.00	\$9,950.00	\$49,750.00	\$6,737.00	
632-7-1-4	PEDESTRIAN SIGNAL CABLE - 4 CONDUCTOR	25	PI	\$950.00	\$23,750.00	\$1,175.00	\$29,375.00	\$3,185.00	\$79,625.00	\$1,770.00	

Bids received by: Charles W. Rich, P.E.

Bids recorded by: Jayne Canale, Technical Aide

PROJECT NAME: ANNUAL TRAFFIC SIGNAL CONTRACT
 PROJECT NUMBER: 2012056
 BID OPENING DATE: MARCH 13, 2012
 CONTRACT DAYS: THROUGH OCTOBER 1, 2013

ITEM #	ITEM	QTY	UNITS	UNIT PRICE	GERELCO TRAFFIC CONTROLS, INC.		TRAFFIC CONTROL DEVICES, INC.		THE SIGNAL GROUP, INC.		AVERAGE UNIT PRICE
					AMOUNT	UNIT PRICE	AMOUNT	UNIT PRICE	AMOUNT	UNIT PRICE	
632-7-1-7	PEDESTRIAN SIGNAL CABLE - 7 CONDUCTOR	25	PI	\$1,120.00	\$28,000.00	\$1,126.75	\$28,168.75	\$3,575.00	\$89,375.00	\$1,940.58	
633-111-12	FIBER OPTIC CABLE, (FSM) 12-COUNT (AERIAL)	500	LF	\$3.17	\$1,585.00	\$3.30	\$1,650.00	\$3.70	\$1,850.00	\$3.39	
633-111-24	FIBER OPTIC CABLE, (FSM) 24-COUNT (AERIAL)	1000	LF	\$3.28	\$3,280.00	\$3.40	\$3,400.00	\$3.85	\$3,850.00	\$3.51	
633-111-48	FIBER OPTIC CABLE, (FSM) 48-COUNT (AERIAL)	50000	LF	\$3.50	\$175,000.00	\$3.65	\$182,500.00	\$4.10	\$205,000.00	\$3.75	
634-4-113-1A	SPAN WIRE ASSEMBLY (3/8") (SPAN LENGTH 0' - 250')	3	PI	\$950.00	\$2,850.00	\$1,450.00	\$4,350.00	\$2,840.00	\$8,520.00	\$1,746.67	
634-4-113-1B	SPAN WIRE ASSEMBLY (3/8") (SPAN LENGTH 251' - 350')	1	PI	\$1,150.00	\$1,150.00	\$1,620.00	\$1,620.00	\$2,980.00	\$2,980.00	\$1,916.67	
634-4-113-1C	SPAN WIRE ASSEMBLY (3/8") (SPAN LENGTH 351' - 450')	1	PI	\$1,350.00	\$1,350.00	\$2,059.00	\$2,059.00	\$3,120.00	\$3,120.00	\$2,176.33	
634-4-113-1D	SPAN WIRE ASSEMBLY (3/8") (SPAN LENGTH 451' - 550')	1	PI	\$1,450.00	\$1,450.00	\$2,394.00	\$2,394.00	\$3,260.00	\$3,260.00	\$2,368.00	
634-4-113-1E	SPAN WIRE ASSEMBLY (3/8") (SPAN LENGTH 551' - 650')	2	PI	\$1,600.00	\$3,200.00	\$2,514.25	\$5,028.50	\$3,610.00	\$7,220.00	\$2,574.75	
634-4-113-1E-HY	SPAN WIRE ASSEMBLY 3/8 HIGH YIELD (SPAN LENGTH 551' - 650')	1	PI	\$1,200.00	\$1,200.00	\$2,551.00	\$2,551.00	\$3,750.00	\$3,750.00	\$2,500.33	
634-4-113-1F	SPAN WIRE ASSEMBLY (3/8") (SPAN LENGTH 651' - 750')	2	PI	\$1,700.00	\$3,400.00	\$2,875.00	\$5,750.00	\$3,890.00	\$7,780.00	\$2,821.67	
634-4-113-2C	SPAN WIRE ASSEMBLY (7/16") (SPAN LENGTH: 351' - 450')	1	PI	\$1,200.00	\$1,200.00	\$2,490.00	\$2,490.00	\$3,620.00	\$3,620.00	\$2,436.67	
634-4-113-2D	SPAN WIRE ASSEMBLY (7/16") (SPAN LENGTH: 451' - 550')	1	PI	\$1,800.00	\$1,800.00	\$2,590.00	\$2,590.00	\$3,815.00	\$3,815.00	\$2,735.00	
634-4-113-2E	SPAN WIRE ASSEMBLY (7/16") (SPAN LENGTH: 551' - 650')	1	PI	\$1,400.00	\$1,400.00	\$2,765.00	\$2,765.00	\$4,225.00	\$4,225.00	\$2,796.67	
634-4-113-2F	SPAN WIRE ASSEMBLY (7/16") (SPAN LENGTH 651' - 750')	1	PI	\$1,450.00	\$1,450.00	\$3,170.00	\$3,170.00	\$5,370.00	\$5,370.00	\$3,330.00	
634-4-113-3G	SPAN WIRE ASSEMBLY (1/2") (SPAN LENGTH 751' - Greater')	1	PI	\$1,700.00	\$1,700.00	\$4,178.50	\$4,178.50	\$5,680.00	\$5,680.00	\$3,852.83	
635-1-12	AERIAL JUNCTION BOX	4	EA	\$166.61	\$666.44	\$322.50	\$1,290.00	\$514.00	\$2,056.00	\$334.37	
635-1-15A	PULL BOX (30" x 48" x 24"D) HEAVY DUTY SPLIT	20	EA	\$910.00	\$18,200.00	\$1,461.50	\$29,230.00	\$2,030.00	\$40,600.00	\$1,467.17	
635-1-15B	PULL BOX (17" x 30" x 12"D) HEAVY DUTY COVERS	250	EA	\$325.00	\$81,250.00	\$882.50	\$220,625.00	\$951.00	\$237,750.00	\$719.50	
635-1-15D	PULL BOX, (17"X30"X24"D) FIBERGLASS, HEAVY DUTY COVERS	2	EA	\$235.00	\$470.00	\$935.00	\$1,870.00	\$1,040.00	\$2,080.00	\$736.67	
639-1-13	ELECTRICAL POWER SERVICE (OVERHEAD)	10	AS	\$875.00	\$8,750.00	\$1,285.00	\$12,850.00	\$1,110.00	\$11,100.00	\$1,090.00	
639-1-23	ELECTRICAL POWER SERVICE (UNDERGROUND)	15	AS	\$850.00	\$12,750.00	\$2,078.75	\$31,181.25	\$1,110.00	\$16,650.00	\$1,346.25	
639-2-1	ELECTRICAL SERVICE WIRE	5500	LF	\$1.25	\$6,875.00	\$2.70	\$14,850.00	\$1.40	\$7,700.00	\$1.78	
639-3-11	ELECTRICAL SERVICE DISCONNECT	4	EA	\$250.00	\$1,000.00	\$630.00	\$2,520.00	\$261.00	\$1,044.00	\$380.33	
641-1-1	GUYING CONCRETE STRAIN POLES (1-GUY WIRE)	1	EA	\$400.00	\$400.00	\$623.00	\$623.00	\$193.00	\$193.00	\$405.33	
641-1-2	GUYING CONCRETE STRAIN POLES (2-GUY WIRE)	1	EA	\$400.00	\$400.00	\$1,246.00	\$1,246.00	\$386.00	\$386.00	\$677.33	
641-2-12-12	PRESTRESSED CONCRETE POLE (12' TYPE P-II)	20	EA	\$625.00	\$12,500.00	\$643.00	\$12,860.00	\$746.00	\$14,920.00	\$671.33	
641-2-15-44	PRESTRESSED CONCRETE POLE (44' TYPE P-V)	4	EA	\$3,200.00	\$12,800.00	\$5,413.00	\$21,652.00	\$7,105.00	\$28,420.00	\$5,239.33	
641-2-16-44	PRESTRESSED CONCRETE POLE (44' TYPE P-VI)	4	EA	\$3,600.00	\$14,400.00	\$5,123.00	\$20,492.00	\$7,200.00	\$28,800.00	\$5,307.67	

Bids received by: Charles W. Rich, P.E.

Bids recorded by: Jayne Canale, Technical Aide

PROJECT NAME: ANNUAL TRAFFIC SIGNAL CONTRACT
 PROJECT NUMBER: 2012056
 BID OPENING DATE: MARCH 13, 2012
 CONTRACT DAYS: THROUGH OCTOBER 1, 2013

GERELCO TRAFFIC
CONTROLS, INC.

TRAFFIC CONTROL
DEVICES, INC.

THE SIGNAL GROUP, INC.

ITEM #	ITEM	QTY	UNITS	UNIT PRICE	AMOUNT	UNIT PRICE	AMOUNT	UNIT PRICE	AMOUNT	AVERAGE UNIT PRICE
641-2-16-46	PRESTRESSED CONCRETE POLE (46' TYPE P-VI)	4	EA	\$3,800.00	\$15,200.00	\$5,964.00	\$23,856.00	\$7,765.00	\$31,060.00	\$5,843.00
641-2-17-44	PRESTRESSED CONCRETE POLE (44' TYPE P-VII)	4	EA	\$2,500.00	\$10,000.00	\$6,298.00	\$25,192.00	\$7,945.00	\$31,780.00	\$5,581.00
641-2-17-46	PRESTRESSED CONCRETE POLE (46' TYPE P-VII)	4	EA	\$2,800.00	\$11,200.00	\$6,466.00	\$25,864.00	\$8,315.00	\$33,260.00	\$5,860.33
641-2-17-50	PRESTRESSED CONCRETE POLE (50' TYPE P-VII)	4	EA	\$2,900.00	\$11,600.00	\$5,780.00	\$23,120.00	\$8,455.00	\$33,820.00	\$5,711.67
641-2-17-60	PRESTRESSED CONCRETE POLE (60' TYPE P-VII)	2	EA	\$3,200.00	\$6,400.00	\$7,134.00	\$14,268.00	\$10,045.00	\$20,090.00	\$6,793.00
641-2-30	PRESTRESSED CONCRETE POLE (INSTALL ONLY - V, VI, VII, OR VIII)	2	EA	\$1,500.00	\$3,000.00	\$4,555.00	\$9,110.00	\$5,985.00	\$11,970.00 *	\$4,013.33
641-2-30-70	PRESTRESSED CONCRETE POLE (70' UTILITY TYPE)(INSTALL ONLY)	2	EA	\$4,025.00	\$8,050.00	\$4,555.00	\$9,110.00	\$6,905.00	\$13,810.00	\$5,161.67
641-3	PRESTRESSED CONCRETE POLE INSTALLATION FND GREATER THAN 12'	2	EA	\$1,200.00	\$2,400.00	\$2,820.00	\$5,640.00	\$6,905.00	\$13,810.00	\$3,641.67
643-1-1	GUYING WOOD POLE (1-GUY WIRE PER POLE)	2	EA	\$450.00	\$900.00	\$623.00	\$1,246.00	\$193.00	\$386.00	\$422.00
643-1-2	GUYING WOOD POLE (2-GUY WIRE PER POLE)	2	EA	\$550.00	\$1,100.00	\$1,246.00	\$2,492.00	\$386.00	\$772.00	\$727.33
643-150	WOOD STRAIN 50' POLES	2	EA	\$250.00	\$500.00	\$1,722.00	\$3,444.00	\$2,070.00	\$4,140.00	\$1,347.33
643-155	WOOD STRAIN 55' POLE	2	EA	\$250.00	\$500.00	\$1,753.50	\$3,507.00	\$2,045.00	\$4,090.00	\$1,349.50
643-300	WOOD STRAIN POLE (INSTALL ONLY)	2	EA	\$75.00	\$150.00	\$2,196.00	\$4,392.00	\$690.00	\$1,380.00	\$987.00
649-31-101	MAST ARM ASSY D1-S1 36'	1	EA	\$17,211.30	\$17,211.30	\$23,261.00	\$23,261.00	\$25,350.00	\$25,350.00	\$21,940.77
649-31-102	MAST ARM ASSY D3-S246'	7	EA	\$15,619.10	\$109,333.70	\$29,579.00	\$207,053.00	\$28,720.00	\$201,040.00	\$24,639.37
649-31-103	MAST ARM ASSY D5-S3 60'	7	EA	\$23,980.00	\$167,860.00	\$37,500.00	\$262,500.00	\$34,930.00	\$244,510.00	\$32,136.67
649-31-104	MAST ARM ASSY D6-S4 70' 6"	5	EA	\$25,116.50	\$125,582.50	\$44,765.00	\$223,825.00	\$41,325.00	\$206,625.00	\$37,068.83
649-31-105	MAST ARM ASSY D7-S6 78'	6	EA	\$30,767.80	\$184,606.80	\$44,186.00	\$265,116.00	\$39,895.00	\$239,370.00	\$38,282.93
649-33-000-D	MAST ARM (ARM ONLY) INSTALL ONLY	2	EA	\$250.00	\$500.00	\$1,216.00	\$2,432.00	\$1,615.00	\$3,230.00	\$1,027.00
649-33-000-DS	MAST ARM (ARM & UPRIGHT) INSTALL ONLY	1	EA	\$900.00	\$900.00	\$18,449.00	\$18,449.00	\$17,595.00	\$17,595.00	\$12,314.67
649-33-000-S	MAST ARM (UPRIGHT ONLY) INSTALL ONLY	1	EA	\$500.00	\$500.00	\$23,998.00	\$23,998.00	\$1,615.00	\$1,615.00	\$8,704.33
649-33-101	MAST ARM ASSY D1-S1 36' INST ONLY	2	EA	\$6,000.00	\$12,000.00	\$12,392.00	\$24,784.00	\$13,030.00	\$26,060.00	\$10,474.00
649-33-102	MAST ARM ASSY D3-S2 46' INST ONLY	2	EA	\$6,850.00	\$13,700.00	\$13,235.00	\$26,470.00	\$13,580.00	\$27,160.00	\$11,221.67
649-33-104	MAST ARM ASSY D6-S4 70' 6" INST ONLY	1	EA	\$8,650.00	\$8,650.00	\$19,691.00	\$19,691.00	\$17,120.00	\$17,120.00	\$15,153.67
650-51-111	TRAFFIC SIGNAL HEAD ALUMINUM (1-SECTION, 1-WAY)	8	AS	\$200.00	\$1,600.00	\$762.00	\$6,096.00	\$633.00	\$5,064.00	\$531.67
650-51-112	TRAFFIC SIGNAL HEAD LIGHT WEIGHT (1-SECTION, 1- WAY)	1	AS	\$240.00	\$240.00	\$745.00	\$745.00	\$633.00	\$633.00	\$539.33
650-51-121	TRAFFIC SIGNAL HEAD ALUMINUM (1-SECTION, 2-WAY)	1	AS	\$625.00	\$625.00	\$1,126.00	\$1,126.00	\$958.00	\$958.00	\$903.00
650-51-311	TRAFFIC SIGNAL HEAD ALUMINUM (3-SECTION, 1-WAY)	200	AS	\$720.00	\$144,000.00	\$1,038.00	\$207,600.00	\$975.00	\$195,000.00	\$911.00
650-51-312	TRAFFIC SIGNAL HEAD LIGHT WEIGHT (3-SECTION, 1- WAY)	15	AS	\$720.00	\$10,800.00	\$1,069.00	\$16,035.00	\$957.00	\$14,355.00	\$915.33
650-51-321	TRAFFIC SIGNAL HEAD ALUMINUM (3-SECTION, 2-WAY)	10	AS	\$975.00	\$9,750.00	\$1,879.00	\$18,790.00	\$1,585.00	\$15,850.00	\$1,479.67

Bids received by: Charles W. Rich, P.E.
 Bids recorded by: Jayne Canale, Technical Aide

PROJECT NAME: ANNUAL TRAFFIC SIGNAL CONTRACT
 PROJECT NUMBER: 2012056
 BID OPENING DATE: MARCH 13, 2012
 CONTRACT DAYS: THROUGH OCTOBER 1, 2013

GERELCO TRAFFIC
 CONTROLS, INC.

TRAFFIC CONTROL
 DEVICES, INC.

THE SIGNAL GROUP, INC.

ITEM #	ITEM	QTY	UNITS	UNIT PRICE	AMOUNT	UNIT PRICE	AMOUNT	UNIT PRICE	AMOUNT	AVERAGE UNIT PRICE
650-51-322	TRAFFIC SIGNAL HEAD LIGHT WEIGHT (3-SECTION, 2-WAY)	2	AS	\$975.00	\$1,950.00	\$1,909.00	\$3,818.00	\$1,545.00	\$3,090.00	\$1,476.33
650-51-411	TRAFFIC SIGNAL HEAD ALUMINUM (4-SECTION, 1-WAY)	10	AS	\$725.00	\$7,250.00	\$1,380.00	\$13,800.00	\$1,125.00	\$11,250.00	\$1,076.67
650-51-412	TRAFFIC SIGNAL HEAD LIGHT WEIGHT (4-SECTION, 1-WAY)	2	AS	\$250.00	\$500.00	\$1,400.00	\$2,800.00	\$2,715.00	\$5,430.00	\$1,455.00
650-51-511	TRAFFIC SIGNAL HEAD ALUMINUM (5-SECTION, 1-WAY)	40	AS	\$1,100.00	\$44,000.00	\$1,568.50	\$62,740.00	\$1,490.00	\$59,600.00	\$1,386.17
650-51-512	TRAFFIC SIGNAL HEAD LIGHT WEIGHT (5-SECTION, 1-WAY)	10	AS	\$1,050.00	\$10,500.00	\$1,570.00	\$15,700.00	\$3,035.00	\$30,350.00	\$1,885.00
650-53-111	TRAFFIC SIGNAL HEAD (1-SECTION, 1-WAY) INSTALL ONLY	1	AS	\$90.00	\$90.00	\$166.00	\$166.00	\$266.00	\$266.00	\$174.00
650-53-112	TRAFFIC SIGNAL HEAD (1-SECTION, 1-WAY) INSTALL ONLY	1	AS	\$90.00	\$90.00	\$166.00	\$166.00	\$266.00	\$266.00	\$174.00
650-53-311	TRAFFIC SIGNAL HEAD (3-SECTION, 1-WAY) INSTALL ONLY	5	AS	\$150.00	\$750.00	\$166.00	\$830.00	\$356.00	\$1,780.00	\$224.00
650-53-321	TRAFFIC SIGNAL HEAD (3-SECTION, 2-WAY) INSTALL ONLY	1	AS	\$250.00	\$250.00	\$276.00	\$276.00	\$510.00	\$510.00	\$345.33
650-53-511	TRAFFIC SIGNAL HEAD (5-SECTION, 1-WAY) INSTALL ONLY	1	AS	\$225.00	\$225.00	\$221.00	\$221.00	\$563.00	\$563.00	\$336.33
653-191	PEDESTRIAN SIGNAL - COUNT DOWN (1-WAY)	64	EA	\$720.00	\$46,080.00	\$628.00	\$40,192.00	\$764.00	\$48,896.00	\$704.00
653-192	PEDESTRIAN SIGNAL - COUNT DOWN (2-WAY)	40	EA	\$1,200.00	\$48,000.00	\$1,291.00	\$51,640.00	\$1,620.00	\$64,800.00	\$1,370.33
659-101	SIGNAL HEAD AUX. (BACK PLATES, 3-SECTION)	10	EA	\$65.00	\$650.00	\$125.00	\$1,250.00	\$156.00	\$1,560.00	\$115.33
659-102	SIGNAL HEAD AUX. (BACK PLATES, 4-SECTION)	20	EA	\$90.00	\$1,800.00	\$216.00	\$4,320.00	\$170.00	\$3,400.00	\$158.67
659-103	SIGNAL HEAD AUX. (DISCONNECT HANGER)	10	EA	\$290.00	\$2,900.00	\$703.00	\$7,030.00	\$356.00	\$3,560.00	\$449.67
659-107	SIGNAL HEAD AUX. (ALUMINUM PEDESTAL)	60	EA	\$650.00	\$39,000.00	\$1,013.00	\$60,780.00	\$908.00	\$54,480.00	\$857.00
659-111	SIGNAL HEAD AUX. (BACK PLATES, 1-SECTION)	1	EA	\$20.00	\$20.00	\$112.00	\$112.00	\$156.00	\$156.00	\$96.00
659-118	SIGNAL HEAD AUX. (BACK PLATES, 5-SECTION)	4	EA	\$130.00	\$520.00	\$203.00	\$812.00	\$190.00	\$760.00	\$174.33
659-121-3	MAST ARM SIGNAL HANGER (3-WAY) (FURNISH & INSTALL)	1	EA	\$20.00	\$20.00	\$386.00	\$386.00	\$1,190.00	\$1,190.00	\$532.00
659-121-4	MAST ARM SIGNAL HANGER (4-WAY) (FURNISH & INSTALL)	1	EA	\$20.00	\$20.00	\$411.00	\$411.00	\$1,590.00	\$1,590.00	\$673.67
660-1-0	DETECTOR AMPLIFIER (2- CHANNEL, TS-2, RACK MOUNTED (FURNISH & INSTALL)	1	EA	\$20.00	\$20.00	\$248.00	\$248.00	\$436.00	\$436.00	\$234.67
660-1-1	DETECTOR AMPLIFIER (1- CHANNEL, TS-1, SHELF MOUNTED (FURNISH & INSTALL)	1	EA	\$20.00	\$20.00	\$248.00	\$248.00	\$436.00	\$436.00	\$234.67
660-2-102	LOOP ASSEMBLY 6'x6' (TYPE B) (FURNISH & INSTALL)	20	EA	\$440.00	\$8,800.00	\$917.00	\$18,340.00	\$520.00	\$10,400.00	\$625.67
660-2-106-A	LOOP ASSEMBLY (TYPE F - 26')	250	EA	\$650.00	\$162,500.00	\$1,103.00	\$275,750.00	\$668.00	\$167,000.00	\$807.00

Bids received by: Charles W. Rich, P.E.
 Bids recorded by: Jayne Canale, Technical Aide

PROJECT NAME: ANNUAL TRAFFIC SIGNAL CONTRACT
PROJECT NUMBER: 2012056
BID OPENING DATE: MARCH 13, 2012
CONTRACT DAYS: THROUGH OCTOBER 1, 2013

ITEM #	ITEM	QTY	UNITS	GERELCO TRAFFIC CONTROLS, INC.		TRAFFIC CONTROL DEVICES, INC.		THE SIGNAL GROUP, INC.		AVERAGE UNIT PRICE
				UNIT PRICE	AMOUNT	UNIT PRICE	AMOUNT	UNIT PRICE	AMOUNT	
660-2-106-B	LOOP ASSEMBLY (TYPE F - 46')	150	EA	\$710.00	\$106,500.00	\$1,162.00	\$174,300.00	\$814.00	\$122,100.00	\$895.33
663-74-16-01	WIRELESS MAGNETOMETER VEHICLE DETECTOR ASSEMBLY -SINGLE-LANE (TYPE F - 20')	2	AS	\$6,782.07	\$13,564.14	\$8,836.00	\$17,672.00	\$890.00	\$1,780.00	\$5,502.69
663-74-16-02	REPEATER FOR WIRELESS MAGNETOMETER VEHICLE DETECTOR	2	AS	\$6,782.07	\$13,564.14	\$2,260.00	\$4,520.00	\$2,325.00	\$4,650.00	\$3,789.02
663-74-16-03	FLUSH MOUNT SENSOR FOR WIRELESS MAGNETOMETER VEHICLE DETECTOR ASSEMBLY (SIGNAL CONTROL APPLICATION TYPE)	8	AS	\$1,087.58	\$8,700.64	\$639.00	\$5,112.00	\$770.00	\$6,160.00	\$832.19
663-74-16-03	FLUSH MOUNT SENSOR FOR WIRELESS MAGNETOMETER VEHICLE DETECTOR ASSEMBLY (FREEWAY, ARTERIAL AND SIGNAL CONTROL APPLICATION TYPE)	2	AS	\$1,087.58	\$2,175.16	\$740.00	\$1,480.00	\$5,100.00	\$10,200.00	\$2,309.19
665-11	PEDESTRIAN DETECTOR (PUSH BUTTON)	150	EA	\$100.00	\$15,000.00	\$129.00	\$19,350.00	\$131.00	\$19,650.00	\$120.00
665-111-1	PEDESTRIAN DETECTOR- ACCESSIBLE- ONE (1) CROSSING	2	EA	\$2,426.53	\$4,853.06	\$4,679.00	\$9,358.00	\$633.00	\$1,266.00	\$2,579.51
665-111-2	PEDESTRIAN DETECTOR ASSEMBLY- ACCESSIBLE- TWO (2) CROSSINGS	1	EA	\$5,883.43	\$5,883.43	\$5,288.00	\$5,288.00	\$1,265.00	\$1,265.00	\$4,145.48
665-111-3	PEDESTRIAN DETECTOR ASSEMBLY - ACCESSIBLE- THREE (3) CROSSINGS	1	EA	\$6,976.76	\$6,976.76	\$5,895.00	\$5,895.00	\$1,900.00	\$1,900.00	\$4,923.92
665-111-4	PEDESTRIAN DETECTOR ASSEMBLY- ACCESSIBLE- FOUR (4) CROSSINGS	1	EA	\$8,070.10	\$8,070.10	\$6,505.00	\$6,505.00	\$2,530.00	\$2,530.00	\$5,701.70
665-12	PEDESTRIAN DETECTOR WITH POST (CONCRETE MONUMENT)	1	EA	\$970.79	\$970.79	\$1,076.00	\$1,076.00	\$789.00	\$789.00	\$945.26
670-5-110	TRAFFIC CONTROLLER ASSEMBLY (TYPE 5) AS PER NAZTEC	1	AS	\$19,672.77	\$19,672.77	\$21,598.00	\$21,598.00	\$23,245.00	\$23,245.00	\$21,505.26
670-5-110-A	TRAFFIC CONTROLLER ASSEMBLY (TYPE 6) AS PER NAZTEC	1	AS	\$25,587.59	\$25,587.59	\$27,943.00	\$27,943.00	\$30,370.00	\$30,370.00	\$27,966.86
670-5-310	TRAFFIC CONTROLLER ASSEMBLY (TYPE 5 - INSTALL ONLY)	20	AS	\$1,700.00	\$34,000.00	\$1,735.00	\$34,700.00	\$1,610.00	\$32,200.00	\$1,681.67
670-5-310-XA	TRAFFIC CONTROLLER ASSEMBLY (TYPE 6 - INSTALL ONLY)	5	AS	\$1,700.00	\$8,500.00	\$1,735.00	\$8,675.00	\$1,875.00	\$9,375.00	\$1,770.00
685-173	DIGITAL VIDEO ENCODER	5	EA	\$3,650.00	\$18,250.00	\$4,040.00	\$20,200.00	\$4,555.00	\$22,775.00	\$4,081.67
690-10	REMOVE TRAFFIC SIGNAL HEAD ASSEMBLY	120	EA	\$45.00	\$5,400.00	\$28.00	\$3,360.00	\$44.50	\$5,340.00	\$39.17
690-100	REMOVE MISCELLANEOUS SIGNAL EQUIPMENT	40	HR	\$90.00	\$3,600.00	\$221.00	\$8,840.00	\$428.00	\$17,120.00	\$246.33
690-15	REMOVE INTERNALY ILLUMINATED SIGN	2	EA	\$50.00	\$100.00	\$111.00	\$222.00	\$180.00	\$360.00	\$113.67
690-20	REMOVE PEDESTRIAN SIGNAL ASSEMBLY	140	EA	\$45.00	\$6,300.00	\$28.00	\$3,920.00	\$49.50	\$6,930.00	\$40.83

Bids received by: Charles W. Rich, P.E.
Bids recorded by: Jayne Canale, Technical Aide

PROJECT NAME: ANNUAL TRAFFIC SIGNAL CONTRACT
PROJECT NUMBER: 2012056
BID OPENING DATE: MARCH 13, 2012
CONTRACT DAYS: THROUGH OCTOBER 1, 2013

ITEM #	ITEM	QTY	UNITS	GERELCO TRAFFIC CONTROLS, INC.		TRAFFIC CONTROL DEVICES, INC.		THE SIGNAL GROUP, INC.		AVERAGE UNIT PRICE
				UNIT PRICE	AMOUNT	UNIT PRICE	AMOUNT	UNIT PRICE	AMOUNT	
690-200	TREE / BUSH TRIMMING AND REMOVAL	1	HR	\$50.00	\$50.00	\$174.00	\$174.00	\$319.00	\$319.00	\$181.00
690-31	REMOVE SIGNAL PEDESTAL	16	EA	\$130.00	\$2,080.00	\$230.00	\$3,680.00	\$244.00	\$3,904.00	\$201.33
690-32-1	CONCRETE POLE REMOVAL - SHALLOW (INCLUDES POLE AND BURIED ATTACHMENTS TO A DEPTH OF 4 FEET BELOW EXISTING GRADE)	10	EA	\$800.00	\$8,000.00	\$1,835.00	\$18,350.00	\$2,395.00	\$23,950.00	\$1,676.67
690-32-2	MAST ARM POLE REMOVAL - SHALLOW (INCLUDES ARM, UPRIGHT AND BURIED ATTACHMENTS TO A DEPTH OF 4 FEET BELOW EXISTING GRADE)	2	EA	\$950.00	\$1,900.00	\$1,360.00	\$2,720.00	\$2,395.00	\$4,790.00	\$1,568.33
690-34-1	CONCRETE POLE REMOVAL - DEEP (INCLUDES POLE AND COMPLETE REMOVAL OF THE POLE FOUNDATION)	1	EA	\$800.00	\$800.00	\$2,020.00	\$2,020.00	\$29,270.00	\$29,270.00	\$10,696.67
690-34-2	MAST ARM POLE REMOVAL - DEEP (INCLUDES ARM, UPRIGHT AND COMPLETE REMOVAL OF THE POLE FOUNDATION)	1	EA	\$1,500.00	\$1,500.00	\$2,020.00	\$2,020.00	\$29,270.00	\$29,270.00	\$10,930.00
690-34-2A	REMOVAL MAST ARM (ARM ONLY)	1	EA	\$300.00	\$300.00	\$610.00	\$610.00	\$1,575.00	\$1,575.00	\$828.33
690-34-2B	REMOVE MAST ARM (ARM AND UPRIGHT ONLY)	1	EA	\$350.00	\$350.00	\$811.00	\$811.00	\$2,050.00	\$2,050.00	\$1,070.33
690-34-2C	REMOVE POLE WOOD	2	E	\$100.00	\$200.00	\$451.00	\$902.00	\$591.00	\$1,182.00	\$380.67
690-40	REMOVE POWER SERVICE	2	EA	\$75.00	\$150.00	\$192.00	\$384.00	\$566.00	\$1,132.00	\$277.67
690-50	REMOVE CONTROLLER ASSEMBLY	5	EA	\$400.00	\$2,000.00	\$442.00	\$2,210.00	\$620.00	\$3,100.00	\$487.33
690-60	REMOVE VEHICLE DETECTOR ASSEMBLY	10	EA	\$15.00	\$150.00	\$165.00	\$1,650.00	\$42.50	\$425.00	\$74.17
690-70	REMOVE PEDESTRIAN DETECTOR ASSEMBLY	40	EA	\$20.00	\$800.00	\$42.00	\$1,680.00	\$30.00	\$1,200.00	\$30.67
690-80	REMOVE SPAN WIRE ASSEMBLY	10	PI	\$550.00	\$5,500.00	\$441.00	\$4,410.00	\$430.00	\$4,300.00	\$473.67
690-90	REMOVE CABLING AND CONDUIT	2500	LF	\$1.00	\$2,500.00	\$1.85	\$4,625.00	\$0.87	\$2,175.00	\$1.24
690-92	REMOVE CABLE, UNDERGROUND	200	LF	\$0.50	\$100.00	\$0.60	\$120.00	\$0.87	\$174.00	\$0.66
690-93	REMOVE SMALL PULL BOX	10	EA	\$30.00	\$300.00	\$52.00	\$520.00	\$238.00	\$2,380.00	\$106.67
690-94	REMOVE LARGE PULL BOX	2	EA	\$85.00	\$170.00	\$78.00	\$156.00	\$424.00	\$848.00	\$195.67
699-1-1 A	INTERNALLY ILLUMINATED SIGN (6')	4	EA	\$2,500.00	\$10,000.00	\$4,215.00	\$16,860.00	\$3,240.00	\$12,960.00	\$3,318.33
699-1-1 B	INTERNALLY ILLUMINATED SIGN (6') INSTALL ONLY	40	EA	\$325.00	\$13,000.00	\$638.00	\$25,520.00	\$1,395.00	\$55,800.00	\$786.00
699-1-1 C	INTERNALLY ILLUMINATED SIGN (8')	2	EA	\$2,750.00	\$5,500.00	\$5,263.00	\$10,526.00	\$3,360.00	\$6,720.00	\$3,791.00
699-1-1 D	INTERNALLY ILLUMINATED SIGN (8') INSTALL ONLY	20	EA	\$325.00	\$6,500.00	\$638.00	\$12,760.00	\$1,395.00	\$27,900.00	\$786.00
700-89-2	LED BLANK-OUT SIGN (30" X 30")	1	EA	\$3,000.00	\$3,000.00	\$4,041.00	\$4,041.00	\$3,335.00	\$3,335.00	\$3,458.67
700-89-3	FIBER OPTIC BLANK-OUT SIGN (30" X 30")	1	EA	\$3,000.00	\$3,000.00	\$5,310.00	\$5,310.00	\$4,365.00	\$4,365.00	\$4,225.00
700-90-11	SOLAR POWERED SCHOOL ZONE FLASHER ASSEMBLY GROUND MOUNT	2	EA	\$13,900.00	\$27,800.00	\$4,055.00	\$8,110.00	\$8,335.00	\$16,670.00	\$8,763.33
700-90-12	SOLAR POWERED SCHOOL ZONE FLASHER ASSEMBLY OVERHEAD MOUNT	2	EA	\$7,200.00	\$14,400.00	\$4,532.00	\$9,064.00	\$7,420.00	\$14,840.00	\$6,384.00

Bids received by: Charles W. Rich, P.E.
 Bids recorded by: Jayne Canale, Technical Aide

PROJECT NAME: ANNUAL TRAFFIC SIGNAL CONTRACT
 PROJECT NUMBER: 2012056
 BID OPENING DATE: MARCH 13, 2012
 CONTRACT DAYS: THROUGH OCTOBER 1, 2013

ITEM #	ITEM	QTY	UNITS	GERELCO TRAFFIC CONTROLS, INC.		TRAFFIC CONTROL DEVICES, INC.		THE SIGNAL GROUP, INC.		AVERAGE UNIT PRICE
				UNIT PRICE	AMOUNT	UNIT PRICE	AMOUNT	UNIT PRICE	AMOUNT	
700-90-14	SOLAR POWERED SCHOOL ZONE FLASHER ASSEMBLY SPAN WIRE MOUNT	1	EA	\$7,500.00	\$7,500.00	\$4,663.00	\$4,663.00	\$7,770.00	\$7,770.00	\$6,644.33
715-1-12	CONDUCTOR (No. 8 to No. 6)	100	LF	\$1.45	\$145.00	\$1.10	\$110.00	\$1.45	\$145.00	\$1.33
715-1-13	CONDUCTOR (No. 4 to No. 2)	100	LF	\$1.67	\$167.00	\$1.35	\$135.00	\$1.55	\$155.00	\$1.52
715-5-11(A)	LUMINAIRE & BRACKET ARM ALUMINUM (8')	20	EA	\$1,000.00	\$20,000.00	\$2,110.00	\$42,200.00	\$1,125.00	\$22,500.00	\$1,411.67
715-5-11(B)	LUMINAIRE & BRACKET ARM ALUMINUM (12' w/36"rise)	10	EA	\$1,100.00	\$11,000.00	\$2,172.00	\$21,720.00	\$1,055.00	\$10,550.00	\$1,442.33
715-5-11(C)	LUMINAIRE & BRACKET ARM ALUMINUM (15' w/36"rise)	1	EA	\$1,200.00	\$1,200.00	\$2,218.00	\$2,218.00	\$1,105.00	\$1,105.00	\$1,507.67
715-5-50	LUMINAIRE & BRACKET ARM - REMOVE	8	EA	\$100.00	\$800.00	\$208.00	\$1,664.00	\$246.00	\$1,968.00	\$184.67
786-1-11	MICROWAVE VEHICLE DETECTION SYSTEM	1	EA	\$800.00	\$800.00	\$3,986.00	\$3,986.00	\$7,755.00	\$7,755.00	\$4,180.33
786-1-12-11	VIDEO IMAGE DETECTION 1 - CAMERA SYSTEM (AUTOSCOPE)	1	EA	\$8,000.00	\$8,000.00	\$9,138.00	\$9,138.00	\$12,300.00	\$12,300.00	\$9,812.67
786-1-12-12	VIDEO IMAGE DETECTION 1 - CAMERA SYSTEM (ITERIS)	1	EA	\$9,720.08	\$9,720.08	\$10,181.00	\$10,181.00	\$11,775.00	\$11,775.00	\$10,558.69
786-1-12-41	VIDEO IMAGE DETECTION 4 - CAMERA SYSTEM (AUTOSCOPE)	1	EA	\$22,006.34	\$22,006.34	\$24,932.00	\$24,932.00	\$34,050.00	\$34,050.00	\$26,996.11
786-1-12-42	VIDEO IMAGE DETECTION 4 - CAMERA SYSTEM (ITERIS)	1	EA	\$23,028.43	\$23,028.43	\$26,028.00	\$26,028.00	\$31,090.00	\$31,090.00	\$26,715.48
786-1-31	MICROWAVE VEHICLE DETECTION SYSTEM (FURNISH ONLY)	1	EA	\$450.00	\$450.00	\$3,547.00	\$3,547.00	\$6,280.00	\$6,280.00	\$3,425.67
786-1-32-11	VIDEO IMAGE DETECTION 1 - CAMERA SYSTEM (AUTOSCOPE)	1	EA	\$400.00	\$400.00	\$629.00	\$629.00	\$1,505.00	\$1,505.00	\$844.67
786-1-32-12	VIDEO IMAGE DETECTION 1 - CAMERA SYSTEM (ITERIS)	5	EA	\$400.00	\$2,000.00	\$629.00	\$3,145.00	\$1,505.00	\$7,525.00	\$844.67
786-1-32-41	VIDEO IMAGE DETECTION 4 - CAMERA SYSTEM (AUTOSCOPE)	1	EA	\$2,500.00	\$2,500.00	\$2,516.00	\$2,516.00	\$5,650.00	\$5,650.00	\$3,555.33
786-1-32-42	VIDEO IMAGE DETECTION 4 - CAMERA SYSTEM (ITERIS)	10	EA	\$2,500.00	\$25,000.00	\$2,516.00	\$25,160.00	\$5,650.00	\$56,500.00	\$3,555.33
TOTAL BASE BID **** *				*****	\$2,670,346.17 *	*****	\$3,988,163.50	*****	\$4,361,668.00 *	*****

Bids received by: Charles W. Rich, P.E.
 Bids recorded by: Jayne Canale, Technical Aide

PROJECT NAME: ANNUAL TRAFFIC SIGNAL CONTRACT
 PROJECT NUMBER: 2012056
 BID OPENING DATE: MARCH 13, 2012
 CONTRACT DAYS: THROUGH OCTOBER 1, 2013

GERELCO TRAFFIC
 CONTROLS, INC.

TRAFFIC CONTROL
 DEVICES, INC.

THE SIGNAL GROUP, INC.

ITEM #	ITEM	QTY	UNITS	UNIT PRICE	AMOUNT	UNIT PRICE	AMOUNT	UNIT PRICE	AMOUNT	AVERAGE UNIT PRICE
	CONTINGENCY ITEMS	****	****	*****	*****	*****	*****	*****	*****	*****
102-99	CHANGEABLE - VARIABLE MESSAGE SIGN (TEMPORARY)	50	ED	\$20.40	\$1,020.00	\$52.00	\$2,600.00	\$50.00	\$2,500.00	\$40.80
144-77	TRAFFIC MONITORING STATION (4 LANE DIVIDED)	10	EA	\$8,019.19	\$80,191.90	\$16,030.00	\$160,300.00	\$7,800.00	\$78,000.00	\$10,616.40
144-78	TRAFFIC MONITORING STATION (ADDITIONAL LANE)	20	EA	\$1,227.99	\$24,559.80	\$5,243.00	\$104,860.00	\$1,950.00	\$39,000.00	\$2,807.00
522-1-A	CONCRETE SIDEWALK 4" THICK	10	SY	\$224.42	\$2,244.20	\$77.25	\$772.50	\$60.00	\$600.00	\$120.56
552-1-C	PAVER BRICK REPAIR - REMOVE AND REPLACE	200	SF	\$204.02	\$40,804.00	\$34.75	\$6,950.00	\$45.00	\$9,000.00	\$94.59
620-1-1	GROUNDING ELECTRODE	25	EA	\$110.84	\$2,771.00	\$156.00	\$3,900.00	\$75.00	\$1,875.00	\$113.95
630-1-11-1	1" RIGID CONDUIT HOT DIPPED GALVANIZED CONDUIT SURFACE MOUNTED	500	LF	\$13.58	\$6,790.00	\$14.35	\$7,175.00	\$12.00	\$6,000.00	\$13.31
630-1-11-1.25	1 1/4" RIGID CONDUIT HOT DIPPED GALVANIZED CONDUIT SURFACE MOUNTED	500	LF	\$14.00	\$7,000.00	\$15.75	\$7,875.00	\$13.25	\$6,625.00	\$14.33
630-1-12-2SD	SPLIT DUCT, 2" PVC (SCH 40), INCLUDE 90 DEGREE SWEEPS AND COUPLINGS	500	LF	\$27.68	\$13,840.00	\$13.45	\$6,725.00	\$6.75	\$3,375.00	\$15.96
630-1-12-4	4" PVC (SCH 40) UNDERGROUND CONDUIT	1000	LF	\$4.89	\$4,890.00	\$7.85	\$7,850.00	\$9.30	\$9,300.00	\$7.35
630-1-12-4A	ADDITIONAL 4" PVC (SCH 40) UNDERGROUND CONDUIT, OPEN TRENCH	1000	LF	\$5.36	\$5,360.00	\$3.00	\$3,000.00	\$6.00	\$6,000.00	\$4.79
630-1-12-4i	CONDUIT, UNDERGROUND, 4" PVC (SCH 40) WITH (3) 1 1/4" (HDPE) INNERDUCT	500	LF	\$7.82	\$3,910.00	\$11.75	\$5,875.00	\$32.00	\$16,000.00	\$17.19
630-1-12-4iA	CONDUIT, ADDITIONAL 4" (HDPE SDR11) WITH (3) 1 1/4" (HDPE) INNERDUCT	500	LF	\$6.90	\$3,450.00	\$7.00	\$3,500.00	\$28.00	\$14,000.00	\$13.97
630-1-12-i6	INNERDUCT, 1 1/4" (HDPE SDR11)	2000	LF	\$2.92	\$5,840.00	\$4.75	\$9,500.00	\$2.90	\$5,800.00	\$3.52
630-1-13-4	4" (HDPE SDR 11) UNDER PAVEMENT CONDUIT (DIRECTIONAL BORE)	200	LF	\$20.40	\$4,080.00	\$25.40	\$5,080.00	\$16.50	\$3,300.00	\$20.77
630-1-13-4i-1	CONDUIT UNDER PAVEMENT, 1-4" (HDPE SDR 11) WITH (3) 1 1/4" (HDPE) INNER DUCT (DIRECTIONAL BORE)	200	LF	\$24.48	\$4,896.00	\$29.00	\$5,800.00	\$40.00	\$8,000.00	\$31.16
630-1-13-4i-2	CONDUIT UNDER PAVEMENT, 2-4" (HDPE SDR 11) WITH (3) 1 1/4" (HDPE) INNER DUCT (DIRECTIONAL BORE)	200	LF	\$32.64	\$6,528.00	\$74.00	\$14,800.00	\$65.00	\$13,000.00	\$57.21
630-1-13-6	6" (HDPE SDR 11) UNDER PAVEMENT CONDUIT (DIRECTIONAL BORE)	200	LF	\$19.04	\$3,808.00	\$31.25	\$6,250.00	\$24.00	\$4,800.00	\$24.76
630-1-14-2-1	1-2" PVC (SCH 40) UNDER PAVEMENT CONDUIT (SAW CUT METHOD)	300	LF	\$20.07	\$6,021.00	\$25.45	\$7,635.00	\$14.00	\$4,200.00	\$19.84
630-1-14-2-2	2-2" PVC (SCH 40) UNDER PAVEMENT CONDUIT (SAW CUT METHOD)	500	LF	\$21.00	\$10,500.00	\$28.00	\$14,000.00	\$15.00	\$7,500.00	\$21.33

Bids received by: Charles W. Rich, P.E.
 Bids recorded by: Jayne Canale, Technical Aide

PROJECT NAME: ANNUAL TRAFFIC SIGNAL CONTRACT
 PROJECT NUMBER: 2012056
 BID OPENING DATE: MARCH 13, 2012
 CONTRACT DAYS: THROUGH OCTOBER 1, 2013

GERELCO TRAFFIC
CONTROLS, INC.

TRAFFIC CONTROL
DEVICES, INC.

THE SIGNAL GROUP, INC.

ITEM #	ITEM	QTY	UNITS	UNIT PRICE	AMOUNT	UNIT PRICE	AMOUNT	UNIT PRICE	AMOUNT	AVERAGE UNIT PRICE
630-1-14-2-3	3-2" PVC (SCH 40) UNDER PAVEMENT CONDUIT (SAW CUT METHOD)	500	LF	\$21.80	\$10,900.00	\$30.25	\$15,125.00	\$18.00	\$9,000.00	\$23.35
630-1-14-2-4	4-2" PVC (SCH 40) UNDER PAVEMENT CONDUIT (SAW CUT METHOD)	500	LF	\$22.61	\$11,305.00	\$32.00	\$16,000.00	\$20.00	\$10,000.00	\$24.87
630-1-14-2-5	5-2" PVC (SCH 40) UNDER PAVEMENT CONDUIT (SAW CUT METHOD)	500	LF	\$23.41	\$11,705.00	\$35.75	\$17,875.00	\$22.00	\$11,000.00	\$27.05
630-1-16-2	CONDUIT, 2" PVC (SCH 40), OPEN TRENCH IN	200	LF	\$4.15	\$830.00	\$25.00	\$5,000.00	\$14.00	\$2,800.00	\$14.38
630-1-16-4i	CONDUIT, 4" (HDPE SDR 11) WITH (3) 1¼" (HDPE) INNERDUCT, OPEN TRENCH IN PAVEMENT	100	LF	\$8.39	\$839.00	\$29.30	\$2,930.00	\$42.00	\$4,200.00	\$26.56
630-1-19-3	CONDUIT, 3" HOT DIPPED GALVANIZED (HDG) JACK AND BORE UNDER RAIL ROAD TRACKS	200	LF	\$38.08	\$7,616.00	\$44.30	\$8,860.00	\$75.00	\$15,000.00	\$52.46
630-1-19-4	CONDUIT, 4" HOT DIPPED GALVANIZED (HDG) JACK AND BORE UNDER RAIL ROAD TRACKS	200	LF	\$48.97	\$9,794.00	\$54.00	\$10,800.00	\$85.00	\$17,000.00	\$62.66
630-1-30-5	1.25" FIGURE 8 HDPE INNERDUCT AERIAL CONDUIT	200	LF	\$6.46	\$1,292.00	\$5.50	\$1,100.00	\$6.42	\$1,284.00	\$6.13
633-111-96	FIBER OPTIC CABLE, (FSM) 96-COUNT (AERIAL)	25000	LF	\$4.96	\$124,000.00	\$4.20	\$105,000.00	\$4.93	\$123,250.00	\$4.70
633-121-12	FIBER OPTIC CABLE, (FSM) 12-COUNT (UNDERGROUND)	1E+05	LF	\$1.77	\$198,240.00	\$1.50	\$168,000.00	\$1.76	\$197,120.00	\$1.68
633-121-24	FIBER OPTIC CABLE, (FSM) 24-COUNT (UNDERGROUND)	25000	LF	\$1.97	\$49,250.00	\$1.65	\$41,250.00	\$1.96	\$49,000.00	\$1.86
633-121-48	FIBER OPTIC CABLE, (FSM) 48-COUNT (UNDERGROUND)	25000	LF	\$2.38	\$59,500.00	\$2.05	\$51,250.00	\$2.37	\$59,250.00	\$2.27
633-121-96	FIBER OPTIC CABLE, (FSM) 96-COUNT (UNDERGROUND)	25000	LF	\$3.13	\$78,250.00	\$2.65	\$66,250.00	\$3.11	\$77,750.00	\$2.96
633-221-12	FIBER OPTIC CABLE, 12-COUNT FURNISH ONLY	500	LF	\$0.48	\$240.00	\$0.40	\$200.00	\$0.48	\$240.00	\$0.45
633-221-24	FIBER OPTIC CABLE - 24 COUNT- FURNISH ONLY	500	LF	\$0.61	\$305.00	\$0.50	\$250.00	\$0.61	\$305.00	\$0.57
633-221-48	FIBER OPTIC CABLE - 48 COUNT- FURNISH ONLY	500	LF	\$0.88	\$440.00	\$0.75	\$375.00	\$0.88	\$440.00	\$0.84
633-221-96	FIBER OPTIC CABLE, 96-COUNT FURNISH ONLY	500	LF	\$1.36	\$680.00	\$1.20	\$600.00	\$1.35	\$675.00	\$1.30
633-311-12	FIBER OPTIC CABLE, 12-COUNT (AERIAL), INSTALL	6000	LF	\$1.16	\$6,960.00	\$1.00	\$6,000.00	\$1.15	\$6,900.00	\$1.10
633-311-24	FIBER OPTIC CABLE, 24-COUNT (AERIAL), INSTALL	6000	LF	\$1.16	\$6,960.00	\$1.00	\$6,000.00	\$1.15	\$6,900.00	\$1.10
633-311-48	FIBER OPTIC CABLE, 48-COUNT (AERIAL), INSTALL	6000	LF	\$1.16	\$6,960.00	\$1.00	\$6,000.00	\$1.15	\$6,900.00	\$1.10
633-311-96	FIBER OPTIC CABLE, 96-COUNT (AERIAL), INSTALL	6000	LF	\$1.16	\$6,960.00	\$1.00	\$6,000.00	\$1.15	\$6,900.00	\$1.10
633-321-12	FIBER OPTIC CABLE, 12-COUNT (UNDERGROUND), INSTALL ONLY	6000	LF	\$1.02	\$6,120.00	\$0.90	\$5,400.00	\$1.02	\$6,120.00	\$0.98
633-321-24	FIBER OPTIC CABLE, 24-COUNT (UNDERGROUND), INSTALL ONLY	6000	LF	\$1.02	\$6,120.00	\$0.90	\$5,400.00	\$1.02	\$6,120.00	\$0.98
633-321-48	FIBER OPTIC CABLE, 48-COUNT (UNDERGROUND), INSTALL ONLY	6000	LF	\$1.02	\$6,120.00	\$0.90	\$5,400.00	\$1.02	\$6,120.00	\$0.98
633-321-96	FIBER OPTIC CABLE, 96-COUNT (UNDERGROUND), INSTALL ONLY	6000	LF	\$1.02	\$6,120.00	\$0.90	\$5,400.00	\$1.02	\$6,120.00	\$0.98

Bids received by: Charles W. Rich, P.E.
 Bids recorded by: Jayne Canale, Technical Aide

PROJECT NAME: ANNUAL TRAFFIC SIGNAL CONTRACT
 PROJECT NUMBER: 2012056
 BID OPENING DATE: MARCH 13, 2012
 CONTRACT DAYS: THROUGH OCTOBER 1, 2013

ITEM #	ITEM	QTY	UNITS	GERELCO TRAFFIC CONTROLS, INC.		TRAFFIC CONTROL DEVICES, INC.		THE SIGNAL GROUP, INC.		AVERAGE UNIT PRICE
				UNIT PRICE	AMOUNT	UNIT PRICE	AMOUNT	UNIT PRICE	AMOUNT	
633-421-12	FIBER OPTIC CABLE, (FSM) 12-COUNT DIRECT BURY IN SAWCUT	1000	LF	\$8.16	\$8,160.00	\$6.75	\$6,750.00	\$8.10	\$8,100.00	\$7.67
633-421-24	FIBER OPTIC CABLE, (FSM) 24-COUNT DIRECT BURY IN SAWCUT	1000	LF	\$8.64	\$8,640.00	\$7.35	\$7,350.00	\$8.58	\$8,580.00	\$8.19
633-421-48	FIBER OPTIC CABLE, (FSM) 48-COUNT DIRECT BURY IN SAWCUT	1000	LF	\$9.25	\$9,250.00	\$7.75	\$7,750.00	\$9.20	\$9,200.00	\$8.73
633-7-12	TERMINATION, 12-COUNT FIBER	50	EA	\$1,496.18	\$74,809.00	\$1,271.50	\$63,575.00	\$1,490.00	\$74,500.00	\$1,419.23
633-7-18	TERMINATION, 18-COUNT FIBER	5	EA	\$1,972.23	\$9,861.15	\$1,676.00	\$8,380.00	\$1,960.00	\$9,800.00	\$1,869.41
633-7-24	TERMINATION, 24-COUNT FIBER	10	EA	\$2,380.28	\$23,802.80	\$2,023.00	\$20,230.00	\$2,360.00	\$23,600.00	\$2,254.43
633-7-36	TERMINATION, 36-COUNT FIBER	5	EA	\$3,665.63	\$18,328.15	\$3,115.00	\$15,575.00	\$3,640.00	\$18,200.00	\$3,473.54
633-7-48	TERMINATION, 48-COUNT FIBER	30	EA	\$4,604.13	\$138,123.90	\$3,912.00	\$117,360.00	\$4,570.00	\$137,100.00	\$4,362.04
633-7-6	TERMINATION, 6-COUNT FIBER	10	EA	\$945.31	\$9,453.10	\$803.50	\$8,035.00	\$940.00	\$9,400.00	\$896.27
633-7-96	TERMINATION, 96-COUNT FIBER	5	EA	\$9,378.29	\$46,891.45	\$7,970.00	\$39,850.00	\$9,310.00	\$46,550.00	\$8,886.10
633-9-12	SPLICE, FIBER OPTIC FUSION (12-COUNT)	50	EA	\$1,326.16	\$66,308.00	\$1,127.00	\$56,350.00	\$1,320.00	\$66,000.00	\$1,257.72
633-9-18	SPLICE, FIBER OPTIC FUSION (18-COUNT)	5	EA	\$1,557.38	\$7,786.90	\$1,323.50	\$6,617.50	\$1,550.00	\$7,750.00	\$1,476.96
633-9-24	SPLICE, FIBER OPTIC FUSION (24-COUNT)	50	EA	\$1,829.41	\$91,470.50	\$1,554.75	\$77,737.50	\$1,820.00	\$91,000.00	\$1,734.72
633-9-36	SPLICE, FIBER OPTIC FUSION (36-COUNT)	5	EA	\$2,577.50	\$12,887.50	\$1,843.75	\$9,218.75	\$2,630.00	\$13,150.00	\$2,350.42
633-9-48	SPLICE, FIBER OPTIC FUSION (48-COUNT)	50	EA	\$2,169.45	\$108,472.50	\$2,248.50	\$112,425.00	\$1,140.00	\$57,000.00	\$1,852.65
633-9-6	SPLICE, FIBER OPTIC FUSION (6-COUNT)	5	EA	\$2,645.50	\$13,227.50	\$976.75	\$4,883.75	\$2,560.00	\$12,800.00	\$2,060.75
633-9-96	SPLICE, FIBER OPTIC FUSION (96-COUNT)	4	EA	\$2,856.33	\$11,425.32	\$3,809.00	\$15,236.00	\$2,840.00	\$11,360.00	\$3,168.44
633-9-30	SPLICE, FIBER OPTIC FUSION (30-COUNT)	10	EA	\$1,149.34	\$11,493.40	\$2,191.00	\$21,910.00	\$2,160.00	\$21,600.00	\$1,833.45
633-9-54	SPLICE, FIBER OPTIC FUSION (54-COUNT)	10	EA	\$4,481.72	\$44,817.20	\$2,428.00	\$24,280.00	\$4,450.00	\$44,500.00	\$3,786.57
634-4-104	1/4" SPAN WIRE ASSEMBLY FOR COMMUNICATION	25000	LF	\$0.00	\$0.00	\$1.75	\$43,750.00	\$3.00	\$75,000.00	\$1.58
634-4-113-1A-HY	SPAN WIRE ASSEMBLY 3/8" HIGH YIELD (SPAN LENGTH 0' - 250')	1	PI	\$1,967.98	\$1,967.98	\$1,569.00	\$1,569.00	\$2,150.00	\$2,150.00	\$1,895.66
634-4-113-1B-HY	SPAN WIRE ASSEMBLY 3/8" HIGH YIELD (SPAN LENGTH 251' - 350')	1	PI	\$1,967.98	\$1,967.98	\$2,040.00	\$2,040.00	\$2,250.00	\$2,250.00	\$2,085.99
634-4-113-1C-HY	SPAN WIRE ASSEMBLY 3/8" HIGH YIELD (SPAN LENGTH 351' - 450')	1	PI	\$1,967.98	\$1,967.98	\$2,141.00	\$2,141.00	\$2,350.00	\$2,350.00	\$2,152.99
634-4-113-1D-HY	SPAN WIRE ASSEMBLY 3/8" HIGH YIELD (SPAN LENGTH 451' - 550')	1	PI	\$1,967.98	\$1,967.98	\$2,494.00	\$2,494.00	\$2,650.00	\$2,650.00	\$2,370.66
634-4-113-1F-HY	SPAN WIRE ASSEMBLY 3/8" HIGH YIELD (SPAN LENGTH 651' - 750')	1	PI	\$1,967.98	\$1,967.98	\$2,999.00	\$2,999.00	\$4,950.00	\$4,950.00	\$3,305.66
634-4-113-1G	SPAN WIRE ASSEMBLY (3/8") (SPAN LENGTH 751' - Greater)	1	PI	\$1,967.98	\$1,967.98	\$3,125.00	\$3,125.00	\$3,500.00	\$3,500.00	\$2,864.33

Bids received by: Charles W. Rich, P.E.
 Bids recorded by: Jayne Canale, Technical Aide

PROJECT NAME: ANNUAL TRAFFIC SIGNAL CONTRACT
 PROJECT NUMBER: 2012056
 BID OPENING DATE: MARCH 13, 2012
 CONTRACT DAYS: THROUGH OCTOBER 1, 2013

GERELCO TRAFFIC
 CONTROLS, INC.

TRAFFIC CONTROL
 DEVICES, INC.

THE SIGNAL GROUP, INC.

ITEM #	ITEM	QTY	UNITS	UNIT PRICE	AMOUNT	UNIT PRICE	AMOUNT	UNIT PRICE	AMOUNT	AVERAGE UNIT PRICE
634-4-113-1G-HY	SPAN WIRE ASSEMBLY (3/8") (SPAN LENGTH 751' - Greater)	1	PI	\$1,967.98	\$1,967.98	\$4,140.00	\$4,140.00	\$4,000.00	\$4,000.00	\$3,369.33
634-4-113-2A	SPAN WIRE ASSEMBLY (7/16") (SPAN LENGTH 0' - 250')	1	PI	\$1,967.98	\$1,967.98	\$1,745.00	\$1,745.00	\$2,700.00	\$2,700.00	\$2,137.66
634-4-113-2B	SPAN WIRE ASSEMBLY (7/16") (SPAN LENGTH: 251' - 350')	1	PI	\$1,967.98	\$1,967.98	\$1,919.00	\$1,919.00	\$2,950.00	\$2,950.00	\$2,278.99
634-4-113-2G	SPAN WIRE ASSEMBLY (7/16") (SPAN LENGTH 751' - Greater)	1	PI	\$1,967.98	\$1,967.98	\$4,048.00	\$4,048.00	\$5,100.00	\$5,100.00	\$3,705.33
634-4-113-3A	SPAN WIRE ASSEMBLY (1/2") (SPAN LENGTH 0' - 250')	1	PI	\$1,967.98	\$1,967.98	\$2,502.00	\$2,502.00	\$2,700.00	\$2,700.00	\$2,389.99
634-4-113-3B	SPAN WIRE ASSEMBLY (1/2" OR LARGER) (SPAN LENGTH 251' - 350')	1	PI	\$1,967.98	\$1,967.98	\$2,842.00	\$2,842.00	\$2,975.00	\$2,975.00	\$2,594.99
634-4-113-3C	SPAN WIRE ASSEMBLY (1/2" OR LARGER) (SPAN LENGTH 351' - 450')	1	PI	\$1,967.98	\$1,967.98	\$3,312.00	\$3,312.00	\$3,650.00	\$3,650.00	\$2,976.66
634-4-113-3D	SPAN WIRE ASSEMBLY (1/2" OR LARGER) (SPAN LENGTH 451' - 550')	2	PI	\$1,967.98	\$3,935.96	\$3,457.00	\$6,914.00	\$4,250.00	\$8,500.00	\$3,224.99
634-4-113-3E	SPAN WIRE ASSEMBLY (1/2" OR LARGER) (SPAN LENGTH 551' - 650')	1	PI	\$1,967.98	\$1,967.98	\$3,977.00	\$3,977.00	\$5,200.00	\$5,200.00	\$3,714.99
634-4-113-3F	SPAN WIRE ASSEMBLY (1/2" OR LARGER) (SPAN LENGTH 651' - 750')	1	PI	\$1,967.98	\$1,967.98	\$4,171.00	\$4,171.00	\$7,920.00	\$7,920.00	\$4,686.33
634-4-113-3G	SPAN WIRE ASSEMBLY (1/2" OR LARGER) (SPAN LENGTH 751' - Greater)	1	PI	\$1,967.98	\$1,967.98	\$4,512.00	\$4,512.00	\$9,480.00	\$9,480.00	\$5,319.99
634-4-113-4A	SPAN WIRE ASSEMBLY (5/8") (SPAN LENGTH 0' - 250')	1	PI	\$1,967.98	\$1,967.98	\$2,114.00	\$2,114.00	\$3,200.00	\$3,200.00	\$2,427.33
634-4-113-4B	SPAN WIRE ASSEMBLY (5/8") (SPAN LENGTH: 251' - 350')	1	PI	\$1,967.98	\$1,967.98	\$3,317.00	\$3,317.00	\$3,700.00	\$3,700.00	\$2,994.99
634-4-113-4C	SPAN WIRE ASSEMBLY (5/8") (SPAN LENGTH: 351' - 450')	1	PI	\$1,967.98	\$1,967.98	\$3,467.00	\$3,467.00	\$4,200.00	\$4,200.00	\$3,211.66
634-4-113-4D	SPAN WIRE ASSEMBLY (5/8") (SPAN LENGTH: 451' - 550')	1	PI	\$1,967.98	\$1,967.98	\$3,663.00	\$3,663.00	\$4,700.00	\$4,700.00	\$3,443.66
634-4-113-4E	SPAN WIRE ASSEMBLY (5/8") (SPAN LENGTH: 551' - 650')	1	PI	\$1,967.98	\$1,967.98	\$4,541.00	\$4,541.00	\$5,200.00	\$5,200.00	\$3,902.99
634-4-113-4F	SPAN WIRE ASSEMBLY (5/8") (SPAN LENGTH 651' - 750')	1	PI	\$1,967.98	\$1,967.98	\$4,801.00	\$4,801.00	\$8,200.00	\$8,200.00	\$4,989.66
634-4-113-4G	SPAN WIRE ASSEMBLY (5/8") (SPAN LENGTH 751' - Greater)	1	PI	\$1,967.98	\$1,967.98	\$5,258.00	\$5,258.00	\$9,200.00	\$9,200.00	\$5,475.33
634-4-113-5A	SPAN WIRE ASSEMBLY (3/4") (SPAN LENGTH 0' - 250')	1	PI	\$1,967.98	\$1,967.98	\$2,825.00	\$2,825.00	\$3,800.00	\$3,800.00	\$2,864.33
634-4-113-5B	SPAN WIRE ASSEMBLY (3/4") (SPAN LENGTH: 251' - 350')	1	PI	\$1,967.98	\$1,967.98	\$4,397.00	\$4,397.00	\$4,300.00	\$4,300.00	\$3,554.99

Bids received by: Charles W. Rich, P.E.
 Bids recorded by: Jayne Canale, Technical Aide

PROJECT NAME: ANNUAL TRAFFIC SIGNAL CONTRACT
 PROJECT NUMBER: 2012056
 BID OPENING DATE: MARCH 13, 2012
 CONTRACT DAYS: THROUGH OCTOBER 1, 2013

ITEM #	ITEM	QTY	UNITS	UNIT PRICE	GERELCO TRAFFIC CONTROLS, INC.		TRAFFIC CONTROL DEVICES, INC.		THE SIGNAL GROUP, INC.		AVERAGE UNIT PRICE
					AMOUNT	UNIT PRICE	AMOUNT	UNIT PRICE	AMOUNT	UNIT PRICE	
634-4-113-5C	SPAN WIRE ASSEMBLY (5/8") (SPAN LENGTH: 351' - 450')	1	PI	\$1,967.98	\$1,967.98	\$4,873.00	\$4,873.00	\$4,800.00	\$4,800.00	\$3,880.33	
634-4-113-5D	SPAN WIRE ASSEMBLY (3/4") (SPAN LENGTH: 451' - 550')	1	PI	\$1,967.98	\$1,967.98	\$5,504.00	\$5,504.00	\$5,300.00	\$5,300.00	\$4,257.33	
634-4-113-5E	SPAN WIRE ASSEMBLY (3/4") (SPAN LENGTH: 551' - 650')	1	PI	\$1,967.98	\$1,967.98	\$6,373.00	\$6,373.00	\$5,800.00	\$5,800.00	\$4,713.66	
634-4-113-5F	SPAN WIRE ASSEMBLY (3/4") (SPAN LENGTH 651' - 750')	1	PI	\$1,967.98	\$1,967.98	\$6,848.00	\$6,848.00	\$6,300.00	\$6,300.00	\$5,038.66	
634-4-113-5G	SPAN WIRE ASSEMBLY (3/4") (SPAN LENGTH 751' - Greater')	1	PI	\$1,967.98	\$1,967.98	\$7,677.00	\$7,677.00	\$7,500.00	\$7,500.00	\$5,714.99	
635-1-15B-S	PULL BOX (17" x 30" x 12"D)SPECIAL-TRAFFIC LOAD BEARING HEAVY DUTY COVERS	2	EA	\$294.63	\$589.26	\$1,461.00	\$2,922.00	\$650.00	\$1,300.00	\$801.88	
635-1-15C	PULL BOX, (17"X30"X18"D) FIBERGLASS, HEAVY DUTY COVERS	2	EA	\$294.63	\$589.26	\$853.00	\$1,706.00	\$750.00	\$1,500.00	\$632.54	
635-1-15E	PULL BOX, STAINLESS STEEL CORROSION RESISTANT - WALL MOUNT	20	EA	\$2,358.84	\$47,176.80	\$741.00	\$14,820.00	\$2,250.00	\$45,000.00	\$1,783.28	
641-2-15-40	PRESTRESSED CONCRETE POLE (40' TYPE P-V)	1	EA	\$2,169.56	\$2,169.56	\$5,412.00	\$5,412.00	\$8,000.00	\$8,000.00	\$5,193.85	
641-2-18-50	PRESTRESSED CONCRETE POLE (50' TYPE P-VIII)	1	EA	\$2,169.56	\$2,169.56	\$8,756.00	\$8,756.00	\$8,200.00	\$8,200.00	\$6,375.19	
641-2-19-52	PRESTRESSED CONCRETE POLE (52' TYPE P-CUSTOM DESIGN)	1	EA	\$2,169.56	\$2,169.56	\$10,346.00	\$10,346.00	\$8,500.00	\$8,500.00	\$7,005.19	
641-2-19-54	PRESTRESSED CONCRETE POLE (54' TYPE P-CUSTOM DESIGN)	1	EA	\$2,169.56	\$2,169.56	\$10,368.00	\$10,368.00	\$9,000.00	\$9,000.00	\$7,179.19	
641-2-19-56	PRESTRESSED CONCRETE POLE (56' TYPE P-CUSTOM DESIGN)	4	EA	\$2,169.56	\$8,678.24	\$11,343.00	\$45,372.00	\$9,500.00	\$38,000.00	\$7,670.85	
641-2-19-70	PRESTRESSED CONCRETE POLE (70' UTILITY TYPE)	4	EA	\$2,169.56	\$8,678.24	\$12,184.00	\$48,736.00	\$35,000.00	\$140,000.00	\$16,451.19	
649-1-14	STEEL STRAIN POLE (TYPE PS-VII)	1	EA	\$32,636.94	\$32,636.94	\$29,674.00	\$29,674.00	\$42,000.00	\$42,000.00	\$34,770.31	
649-1-15	STEEL STRAIN POLE (TYPE PS-VIII)	1	EA	\$34,525.87	\$34,525.87	\$32,085.00	\$32,085.00	\$54,000.00	\$54,000.00	\$40,203.62	
649-1-16	STEEL STRAIN POLE (TYPE PS- IX)	1	EA	\$50,137.10	\$50,137.10	\$34,690.00	\$34,690.00	\$63,000.00	\$63,000.00	\$49,275.70	
649-1-17	STEEL STRAIN POLE (TYPE PS- X)	1	EA	\$39,545.17	\$39,545.17	\$39,219.00	\$39,219.00	\$71,000.00	\$71,000.00	\$49,921.39	
649-1-19	STEEL STRAIN POLE (CUSTOM)	1	EA	\$36,084.53	\$36,084.53	\$58,823.00	\$58,823.00	\$82,000.00	\$82,000.00	\$58,969.18	
649-31-106	MAST ARM ASSY D1-S21 36' W/LUM	6	EA	\$33,120.10	\$198,720.60	\$29,337.00	\$176,022.00	\$34,510.00	\$207,060.00	\$32,322.37	
649-31-107	MAST ARM ASSY D3-S22 46' W/LUM	6	EA	\$37,010.96	\$222,065.76	\$33,529.00	\$201,174.00	\$38,700.00	\$232,200.00	\$36,413.32	
649-31-108	MAST ARM ASSY D5-S23 60' W/LUM	8	EA	\$43,147.10	\$345,176.80	\$40,613.00	\$324,904.00	\$44,410.00	\$355,280.00	\$42,723.37	
649-31-109	MAST ARM ASSY D6-S24 70' 6" W/LUM	2	EA	\$48,009.95	\$96,019.90	\$46,267.00	\$92,534.00	\$49,960.00	\$99,920.00	\$48,078.98	
649-31-110	MAST ARM ASSY D1-D1 DBL 36'+36'	1	EA	\$38,841.95	\$38,841.95	\$32,250.00	\$32,250.00	\$39,390.00	\$39,390.00	\$36,827.32	
649-31-111	MAST ARM ASSY D3-D1 DBL 36'+46'	1	EA	\$41,778.21	\$41,778.21	\$36,002.00	\$36,002.00	\$42,770.00	\$42,770.00	\$40,183.40	
649-31-112	MAST ARM ASSY D5-D2 DBL 36'+ 60'	1	EA	\$50,459.47	\$50,459.47	\$45,783.00	\$45,783.00	\$51,320.00	\$51,320.00	\$49,187.49	

Bids received by: Charles W. Rich, P.E.
 Bids recorded by: Jayne Canale, Technical Aide

PROJECT NAME: ANNUAL TRAFFIC SIGNAL CONTRACT
 PROJECT NUMBER: 2012056
 BID OPENING DATE: MARCH 13, 2012
 CONTRACT DAYS: THROUGH OCTOBER 1, 2013

GERELCO TRAFFIC
 CONTROLS, INC.

TRAFFIC CONTROL
 DEVICES, INC.

THE SIGNAL GROUP, INC.

ITEM #	ITEM	QTY	UNITS	UNIT PRICE	AMOUNT	UNIT PRICE	AMOUNT	UNIT PRICE	AMOUNT	AVERAGE UNIT PRICE
649-31-113	MAST ARM ASSY DBL D6-D2 70'6"+36'	1	EA	\$54,064.96	\$54,064.96	\$52,446.00	\$52,446.00	\$56,080.00	\$56,080.00	\$54,196.99
649-31-114	MAST ARM ASSY DBL D4-D4 46'+46'	1	EA	\$51,861.69	\$51,861.69	\$46,994.00	\$46,994.00	\$52,020.00	\$52,020.00	\$50,291.90
649-31-115	MAST ARM ASSY DBL D5-D4 60'+46'	1	EA	\$55,951.00	\$55,951.00	\$53,628.00	\$53,628.00	\$57,690.00	\$57,690.00	\$55,756.33
649-31-116	MAST ARM ASSY DBL D6-D4 70'6"+46'	1	EA	\$57,075.08	\$57,075.08	\$54,835.00	\$54,835.00	\$58,650.00	\$58,650.00	\$56,853.36
649-31-117	MAST ARM ASSY DBL D5-D5 60'+60'	1	EA	\$57,558.91	\$57,558.91	\$55,572.00	\$55,572.00	\$59,060.00	\$59,060.00	\$57,396.97
649-31-118	MAST ARM ASSY DBL D6-D5 70'6"+60'	1	EA	\$58,681.55	\$58,681.55	\$56,576.00	\$56,576.00	\$60,520.00	\$60,520.00	\$58,592.52
649-31-119	MAST ARM ASSY DBL D6-D6 70'6"+70'6"	1	EA	\$62,639.04	\$62,639.04	\$60,889.00	\$60,889.00	\$65,600.00	\$65,600.00	\$63,042.68
649-31-199-01	MAST ARM ASSY D1-D1 DBL 36'+36' W/LUM	1	EA	\$41,678.25	\$41,678.25	\$37,399.00	\$37,399.00	\$44,660.00	\$44,660.00	\$41,245.75
649-31-199-02	MAST ARM ASSY D3-D1 DBL 46'+36' W/LUM	1	EA	\$44,820.19	\$44,820.19	\$41,336.00	\$41,336.00	\$49,400.00	\$49,400.00	\$45,185.40
649-31-199-03	MAST ARM ASSY D4-D4 DBL 46'+46' W/LUM	1	EA	\$55,139.80	\$55,139.80	\$52,536.00	\$52,536.00	\$57,850.00	\$57,850.00	\$55,175.27
649-31-199-04	MAST ARM ASSY D5-D2 DBL 60'+36' W/LUM	1	EA	\$53,734.69	\$53,734.69	\$51,483.00	\$51,483.00	\$56,650.00	\$56,650.00	\$53,955.90
649-31-199-05	MAST ARM ASSY D5-D5 DBL 60'+60' W/LUM	1	EA	\$61,567.10	\$61,567.10	\$61,770.00	\$61,770.00	\$64,780.00	\$64,780.00	\$62,705.70
649-31-199-06	MAST ARM ASSY D6-D2 DBL 70'6" + 36' W/LUM	1	EA	\$58,074.60	\$58,074.60	\$58,644.00	\$58,644.00	\$56,500.00	\$56,500.00	\$57,739.53
649-31-199-07	MAST ARM ASSY D6-D4 DBL 70'6" + 46' W/LUM	1	EA	\$61,083.27	\$61,083.27	\$61,337.00	\$61,337.00	\$59,060.00	\$59,060.00	\$60,493.42
649-31-199-08	MAST ARM ASSY D6-D5 DBL 70'6" + 60' W/LUM	1	EA	\$62,691.19	\$62,691.19	\$63,080.00	\$63,080.00	\$61,780.00	\$61,780.00	\$62,517.06
649-31-199-09	MAST ARM ASSY D7-D2 SPEC	1	EA	\$56,649.21	\$56,649.21	\$57,980.00	\$57,980.00	\$56,770.00	\$56,770.00	\$57,133.07
649-31-199-10	MAST ARM ASSY D7-D4 SPEC	1	EA	\$59,807.09	\$59,807.09	\$60,672.00	\$60,672.00	\$62,140.00	\$62,140.00	\$60,873.03
649-31-199-11	MAST ARM ASSY D7-D5 SPEC	1	EA	\$61,777.14	\$61,777.14	\$68,207.00	\$68,207.00	\$63,510.00	\$63,510.00	\$64,498.05
649-31-199-12	MAST ARM ASSY D7-D6 SPEC	1	EA	\$63,796.45	\$63,796.45	\$70,014.00	\$70,014.00	\$65,230.00	\$65,230.00	\$66,346.82
649-31-199-13	MAST ARM ASSY D7-D2 SPEC W/LUM	1	EA	\$62,515.91	\$62,515.91	\$63,591.00	\$63,591.00	\$64,280.00	\$64,280.00	\$63,462.30
649-31-199-14	MAST ARM ASSY D7-D4 SPEC W/LUM	1	EA	\$65,526.04	\$65,526.04	\$66,285.00	\$66,285.00	\$68,150.00	\$68,150.00	\$66,653.68
649-31-199-15	MAST ARM ASSY D7-D5 SPEC W/LUM	1	EA	\$67,270.11	\$67,270.11	\$74,146.00	\$74,146.00	\$69,640.00	\$69,640.00	\$70,352.04
649-31-199-16	MAST ARM ASSY D7-D6 SPEC W/LUM	1	EA	\$69,153.25	\$69,153.25	\$76,033.00	\$76,033.00	\$69,440.00	\$69,440.00	\$71,542.08
649-31-199-17	MAST ARM ASSY >78' SPEC	1	EA	\$70,126.69	\$70,126.69	\$58,888.00	\$58,888.00	\$72,500.00	\$72,500.00	\$67,171.56
649-31-199-19	MAST ARM ASSY >78' SPEC W/LUM	1	EA	\$72,009.83	\$72,009.83	\$64,290.00	\$64,290.00	\$74,000.00	\$74,000.00	\$70,099.94
649-32-101	MAST ARM ASSY D1-S1: 36' FURNISH ONLY	1	EA	\$15,287.06	\$15,287.06	\$12,970.00	\$12,970.00	\$15,300.00	\$15,300.00	\$14,519.02
649-32-102	MAST ARM ASSY D3-S2: 46' FURNISH ONLY	1	EA	\$18,476.80	\$18,476.80	\$15,630.00	\$15,630.00	\$18,600.00	\$18,600.00	\$17,568.93
649-32-103	MAST ARM ASSY D5-S3 60' FURNISH ONLY	1	EA	\$24,712.88	\$24,712.88	\$20,835.00	\$20,835.00	\$25,375.00	\$25,375.00	\$23,640.96
649-32-104	MAST ARM ASSY D6-S4 70' 6" FURNISH ONLY	1	EA	\$27,665.07	\$27,665.07	\$23,300.00	\$23,300.00	\$29,750.00	\$29,750.00	\$26,905.02
649-32-105	MAST ARM ASSY D7-S6 78' FURNISH ONLY	1	EA	\$28,965.88	\$28,965.88	\$24,385.00	\$24,385.00	\$30,600.00	\$30,600.00	\$27,983.63
649-32-106	MAST ARM ASSY D1-S21 36' W/LUM FURNISH ONLY	1	EA	\$17,932.14	\$17,932.14	\$15,175.00	\$15,175.00	\$18,675.00	\$18,675.00	\$17,260.71
649-32-107	MAST ARM ASSY D3-S22 46' W/LUM FURNISH ONLY	1	EA	\$21,675.24	\$21,675.24	\$18,300.00	\$18,300.00	\$24,400.00	\$24,400.00	\$21,458.41
649-32-108	MAST ARM ASSY D5-S23 60' W/LUM FURNISH ONLY	1	EA	\$27,546.29	\$27,546.29	\$23,198.00	\$23,198.00	\$28,950.00	\$28,950.00	\$26,564.76
649-32-109	MAST ARM ASSY D6-S24 70' 6" W/LUM FURNISH ONLY	1	EA	\$32,117.97	\$32,117.97	\$27,012.00	\$27,012.00	\$35,200.00	\$35,200.00	\$31,443.32
649-32-110	MAST ARM ASSY D1-D1 DBL 36'+36' FURNISH ONLY	1	EA	\$23,653.99	\$23,653.99	\$19,950.00	\$19,950.00	\$22,950.00	\$22,950.00	\$22,184.66
649-32-111	MAST ARM ASSY D3-D1 DBL 36'+46' FURNISH ONLY	1	EA	\$26,442.48	\$26,442.48	\$22,276.00	\$22,276.00	\$26,650.00	\$26,650.00	\$25,122.83

Bids received by: Charles W. Rich, P.E.

Bids recorded by: Jayne Canale, Technical Aide

PROJECT NAME: ANNUAL TRAFFIC SIGNAL CONTRACT
 PROJECT NUMBER: 2012056
 BID OPENING DATE: MARCH 13, 2012
 CONTRACT DAYS: THROUGH OCTOBER 1, 2013

GERELCO TRAFFIC
 CONTROLS, INC.

TRAFFIC CONTROL
 DEVICES, INC.

THE SIGNAL GROUP, INC.

ITEM #	ITEM	QTY	UNITS	UNIT PRICE	AMOUNT	UNIT PRICE	AMOUNT	UNIT PRICE	AMOUNT	AVERAGE UNIT PRICE
649-32-112	MAST ARM ASSY D5-D2 DBL 36"+ 60' FURNISH ONLY	1	EA	\$34,760.16	\$34,760.16	\$29,217.00	\$29,217.00	\$35,100.00	\$35,100.00	\$33,025.72
649-32-113	MAST ARM ASSY DBL D6-D2 36'+70'6" FURNISH ONLY	1	EA	\$37,952.80	\$37,952.80	\$32,007.00	\$32,007.00	\$40,350.00	\$40,350.00	\$36,769.93
649-32-114	MAST ARM ASSY DBL D4-D4 46'+46' FURNISH ONLY	1	EA	\$36,162.37	\$36,162.37	\$30,388.00	\$30,388.00	\$32,200.00	\$32,200.00	\$32,916.79
649-32-115	MAST ARM ASSY DBL D5-D4 60'+46' FURNISH ONLY	1	EA	\$39,838.84	\$39,838.84	\$33,456.00	\$33,456.00	\$38,500.00	\$38,500.00	\$37,264.95
649-32-116	MAST ARM ASSY DBL D6-D4 46'+70'6" FURNISH ONLY	1	EA	\$40,962.93	\$40,962.93	\$34,393.00	\$34,393.00	\$41,200.00	\$41,200.00	\$38,851.98
649-32-117	MAST ARM ASSY DBL D5-D5 60'+60' FURNISH ONLY	1	EA	\$41,446.75	\$41,446.75	\$34,796.00	\$34,796.00	\$42,500.00	\$42,500.00	\$39,580.92
649-32-118	MAST ARM ASSY DBL D6-D5 60'+70'6" FURNISH ONLY	1	EA	\$42,569.69	\$42,569.69	\$35,732.00	\$35,732.00	\$44,050.00	\$44,050.00	\$40,783.90
649-32-119	MAST ARM ASSY DBL D6-D6 70'6"+70'6" FURNISH ONLY	1	EA	\$46,415.34	\$46,415.34	\$38,942.00	\$38,942.00	\$52,300.00	\$52,300.00	\$45,885.78
649-32-199-01	MAST ARM ASSY D7-D2 SPEC FURNISH ONLY	1	EA	\$26,490.28	\$26,490.28	\$34,809.00	\$34,809.00	\$41,850.00	\$41,850.00	\$34,383.09
649-32-199-02	MAST ARM ASSY D7-D4 SPEC FURNISH ONLY	1	EA	\$29,484.48	\$29,484.48	\$37,371.00	\$37,371.00	\$45,850.00	\$45,850.00	\$37,568.49
649-32-199-03	MAST ARM ASSY D7-D5 SPEC FURNISH ONLY	1	EA	\$39,440.49	\$39,440.49	\$38,661.00	\$38,661.00	\$47,500.00	\$47,500.00	\$41,867.16
649-32-199-04	MAST ARM ASSY D7-D6 SPEC FURNISH ONLY	1	EA	\$38,035.37	\$38,035.37	\$40,345.00	\$40,345.00	\$50,000.00	\$50,000.00	\$42,793.46
649-32-199-05	MAST ARM ASSY D1-D1 DBL 36'+36' W/LUM FURNISH ONLY	1	EA	\$45,454.94	\$45,454.94	\$22,317.00	\$22,317.00	\$38,580.00	\$38,580.00	\$35,450.65
649-32-199-06	MAST ARM ASSY D3-D1 DBL 46'+36' W/LUM FURNISH ONLY	1	EA	\$41,962.44	\$41,962.44	\$24,816.00	\$24,816.00	\$35,600.00	\$35,600.00	\$34,126.15
649-32-199-07	MAST ARM ASSY D4-D4 DBL 46'+46' W/LUM FURNISH ONLY	1	EA	\$44,971.11	\$44,971.11	\$33,121.00	\$33,121.00	\$38,160.00	\$38,160.00	\$38,750.70
649-32-199-08	MAST ARM ASSY D5-D2 DBL 60'+36' W/LUM FURNISH ONLY	1	EA	\$46,579.03	\$46,579.03	\$31,950.00	\$31,950.00	\$39,560.00	\$39,560.00	\$39,363.01
649-32-199-09	MAST ARM ASSY D5-D5 DBL 60'+60' W/LUM FURNISH ONLY	1	EA	\$41,461.24	\$41,461.24	\$38,142.00	\$38,142.00	\$35,170.00	\$35,170.00	\$38,257.75
649-32-199-10	MAST ARM ASSY D6-D2 DBL 70'6" + 36' W/LUM FURNISH ONLY	1	EA	\$44,471.36	\$44,471.36	\$35,226.00	\$35,226.00	\$37,740.00	\$37,740.00	\$39,145.79
649-32-199-11	MAST ARM ASSY D6-D4 DBL 70'6"+46' W/LUM FURNISH ONLY	1	EA	\$46,077.83	\$46,077.83	\$37,738.00	\$37,738.00	\$39,110.00	\$39,110.00	\$40,975.28
649-32-199-12	MAST ARM ASSY D6-D5 DBL 70'6" + 60' W/LUM FURNISH ONLY	1	EA	\$48,097.13	\$48,097.13	\$39,082.00	\$39,082.00	\$40,830.00	\$40,830.00	\$42,669.71
649-32-199-13	MAST ARM ASSY D7-D2 SPEC W/LUM FURNISH ONLY	1	EA	\$46,403.75	\$46,403.75	\$38,934.00	\$38,934.00	\$39,380.00	\$39,380.00	\$41,572.58
649-32-199-14	MAST ARM ASSY D7-D4 SPEC W/LUM FURNISH ONLY	1	EA	\$49,413.88	\$49,413.88	\$41,445.00	\$41,445.00	\$41,950.00	\$41,950.00	\$44,269.63
649-32-199-15	MAST ARM ASSY D7-D5 SPEC W/LUM FURNISH ONLY	1	EA	\$51,157.95	\$51,157.95	\$42,900.00	\$42,900.00	\$43,440.00	\$43,440.00	\$45,832.65
649-32-199-16	MAST ARM ASSY D7-D6 SPEC W/LUM FURNISH ONLY	1	EA	\$53,041.09	\$53,041.09	\$44,471.00	\$44,471.00	\$45,040.00	\$45,040.00	\$47,517.36
649-33-103	MAST ARM ASSY D5-S3 60' INST ONLY	4	EA	\$33,335.15	\$133,340.60	\$16,517.00	\$66,068.00	\$19,400.00	\$77,600.00 *	\$23,084.05
649-33-106	MAST ARM ASSY D1-D21 36' W/LUM INST ONLY	1	EA	\$18,365.64	\$18,365.64	\$15,154.00	\$15,154.00	\$19,400.00	\$19,400.00	\$17,639.88
649-33-107	MAST ARM ASSY D3-S22 46' W/LUM INST ONLY	1	EA	\$17,589.21	\$17,589.21	\$16,411.00	\$16,411.00	\$20,400.00	\$20,400.00	\$18,133.40
649-33-108	MAST ARM ASSY D5-S23 60' W/LUM INST ONLY	1	EA	\$17,854.30	\$17,854.30	\$17,939.00	\$17,939.00	\$21,100.00	\$21,100.00	\$18,964.43

Bids received by: Charles W. Rich, P.E.

Bids recorded by: Jayne Canale, Technical Aide

PROJECT NAME: ANNUAL TRAFFIC SIGNAL CONTRACT
 PROJECT NUMBER: 2012056
 BID OPENING DATE: MARCH 13, 2012
 CONTRACT DAYS: THROUGH OCTOBER 1, 2013

GERELCO TRAFFIC
 CONTROLS, INC.

TRAFFIC CONTROL
 DEVICES, INC.

THE SIGNAL GROUP, INC.

ITEM #	ITEM	QTY	UNITS	UNIT PRICE	AMOUNT	UNIT PRICE	AMOUNT	UNIT PRICE	AMOUNT	AVERAGE UNIT PRICE
649-33-109	MAST ARM ASSY D6-S24 70' 6" W/LUM INST ONLY	1	EA	\$18,174.43	\$18,174.43	\$20,509.00	\$20,509.00	\$22,750.00	\$22,750.00	\$20,477.81
649-33-110	MAST ARM ASSY D1-S1 DBL 36'+36' INST ONLY	1	EA	\$17,441.46	\$17,441.46	\$14,471.00	\$14,471.00	\$19,400.00	\$19,400.00	\$17,104.15
649-33-111	MAST ARM ASSY D3-D1 DBL 36'+46' INST ONLY	1	EA	\$17,441.46	\$17,441.46	\$15,728.00	\$15,728.00	\$20,400.00	\$20,400.00	\$17,856.49
649-33-112	MAST ARM ASSY D5-D2 DBL 36"+ 60' INST ONLY	1	EA	\$17,952.80	\$17,952.80	\$18,021.00	\$18,021.00	\$21,860.00	\$21,860.00	\$19,277.93
649-33-113	MAST ARM ASSY DBL D6-D2 36'+70'6" INST ONLY	1	EA	\$18,365.64	\$18,365.64	\$21,365.00	\$21,365.00	\$23,900.00	\$23,900.00	\$21,210.21
649-33-114	MAST ARM ASSY DBL D4-D4 46'+46' INST ONLY	1	EA	\$17,952.80	\$17,952.80	\$18,021.00	\$18,021.00	\$21,360.00	\$21,360.00	\$19,111.27
649-33-115	MAST ARM ASSY DBL D5-D4 60'+46' INST ONLY	1	EA	\$18,365.64	\$18,365.64	\$21,365.00	\$21,365.00	\$23,900.00	\$23,900.00	\$21,210.21
649-33-116	MAST ARM ASSY DBL D6-D4 70'6"+46' INST ONLY	1	EA	\$18,365.64	\$18,365.64	\$21,568.00	\$21,568.00	\$23,900.00	\$23,900.00	\$21,277.88
649-33-117	MAST ARM ASSY DBL D5-D5 60'+60' INST ONLY	1	EA	\$18,365.64	\$18,365.64	\$21,568.00	\$21,568.00	\$23,900.00	\$23,900.00	\$21,277.88
649-33-118	MAST ARM ASSY DBL D6-D5 70'6"+60' INST ONLY	1	EA	\$18,365.64	\$18,365.64	\$21,771.00	\$21,771.00	\$24,400.00	\$24,400.00	\$21,512.21
649-33-119	MAST ARM ASSY DBL D6-D6 70'6"+70'6" INST ONLY	1	EA	\$18,477.18	\$18,477.18	\$39,318.00	\$39,318.00	\$26,200.00	\$26,200.00	\$27,998.39
649-33-199-01	MAST ARM ASSY D7-S6 78' INST ONLY	1	EA	\$17,441.46	\$17,441.46	\$19,421.00	\$19,421.00	\$22,250.00	\$22,250.00	\$19,704.15
649-33-199-1	MAST ARM ASSY D7-D2 SPEC INST ONLY	1	EA	\$17,589.21	\$17,589.21	\$22,338.00	\$22,338.00	\$26,200.00	\$26,200.00	\$22,042.40
649-33-199-10	MAST ARM ASSY D5-D5 DBL 60'+60' W/LUM INST ONLY	1	EA	\$17,952.80	\$17,952.80	\$21,568.00	\$21,568.00	\$24,400.00	\$24,400.00	\$21,306.93
649-33-199-11	MAST ARM ASSY D6-D2 DBL 70'6" + 36' W/LUM INST ONLY	1	EA	\$17,952.80	\$17,952.80	\$23,729.00	\$23,729.00	\$24,400.00	\$24,400.00	\$22,027.27
649-33-199-12	MAST ARM ASSY D6-D4 DBL 70'6"+46' W/LUM INST ONLY	1	EA	\$18,365.64	\$18,365.64	\$23,729.00	\$23,729.00	\$24,400.00	\$24,400.00	\$22,164.88
649-33-199-13	MAST ARM ASSY D6-D5 DBL 70'6" + 60' W/LUM INST ONLY	1	EA	\$18,365.64	\$18,365.64	\$30,030.00	\$30,030.00	\$24,900.00	\$24,900.00	\$24,431.88
649-33-199-14	MAST ARM ASSY D7-D2 SPEC W/LUM INST ONLY	1	EA	\$18,365.64	\$18,365.64	\$23,425.00	\$23,425.00	\$26,200.00	\$26,200.00	\$22,663.55
649-33-199-15	MAST ARM ASSY D7-D4 SPEC W/LUM INST ONLY	1	EA	\$18,365.64	\$18,365.64	\$23,527.00	\$23,527.00	\$26,200.00	\$26,200.00	\$22,697.55
649-33-199-16	MAST ARM ASSY D7-D5 SPEC W/LUM INST ONLY	1	EA	\$18,365.64	\$18,365.64	\$29,925.00	\$29,925.00	\$24,400.00	\$24,400.00	\$24,230.21
649-33-199-17	MAST ARM ASSY D7-D6 SPEC W/LUM INST ONLY	1	EA	\$18,569.89	\$18,569.89	\$30,029.00	\$30,029.00	\$24,400.00	\$24,400.00	\$24,332.96
649-33-199-2	MAST ARM ASSY D7-D4 SPEC INST ONLY	1	EA	\$17,589.21	\$17,589.21	\$22,338.00	\$22,338.00	\$24,400.00	\$24,400.00	\$21,442.40
649-33-199-3	MAST ARM ASSY D7-D5 SPEC INST ONLY	1	EA	\$17,952.80	\$17,952.80	\$28,435.00	\$28,435.00	\$24,400.00	\$24,400.00	\$23,595.93
649-33-199-4	MAST ARM ASSY D7-D6 SPEC INST ONLY	1	EA	\$17,952.80	\$17,952.80	\$28,637.00	\$28,637.00	\$24,400.00	\$24,400.00	\$23,663.27
649-33-199-5	MAST ARM ASSY >78' SPEC INST ONLY	1	EA	\$18,365.64	\$18,365.64	\$28,840.00	\$28,840.00	\$26,200.00	\$26,200.00	\$24,468.55
649-33-199-6	MAST ARM ASSY D1-D1 DBL 36'+36' W/LUM INST ONLY	1	EA	\$18,365.64	\$18,365.64	\$14,066.00	\$14,066.00	\$20,900.00	\$20,900.00	\$17,777.21
649-33-199-7	MAST ARM ASSY D3-D1 DBL 46'+36' W/LUM INST ONLY	1	EA	\$18,365.64	\$18,365.64	\$17,250.00	\$17,250.00	\$20,900.00	\$20,900.00	\$18,838.55
649-33-199-8	MAST ARM ASSY D4-D4 DBL 46'+46' W/LUM INST ONLY	1	EA	\$18,365.64	\$18,365.64	\$17,250.00	\$17,250.00	\$22,250.00	\$22,250.00	\$19,288.55
649-33-199-9	MAST ARM ASSY D5-D2 DBL 60'+36' W/LUM INST ONLY	1	EA	\$17,441.46	\$17,441.46	\$17,350.00	\$17,350.00	\$21,600.00	\$21,600.00	\$18,797.15
650-51-122	TRAFFIC SIGNAL HEAD LIGHT WEIGHT (1-SECTION, 2-WAY)	4	AS	\$515.46	\$2,061.84	\$1,025.00	\$4,100.00	\$625.00	\$2,500.00	\$721.82
650-51-131	TRAFFIC SIGNAL HEAD ALUMINUM (1-SECTION, 3-WAY)	4	AS	\$773.18	\$3,092.72	\$1,369.00	\$5,476.00	\$800.00	\$3,200.00	\$980.73
650-51-132	TRAFFIC SIGNAL HEAD LIGHT WEIGHT (1-SECTION, 3-WAY)	4	AS	\$773.18	\$3,092.72	\$1,320.00	\$5,280.00	\$800.00	\$3,200.00	\$964.39

Bids received by: Charles W. Rich, P.E.
 Bids recorded by: Jayne Canale, Technical Aide

PROJECT NAME: ANNUAL TRAFFIC SIGNAL CONTRACT
 PROJECT NUMBER: 2012056
 BID OPENING DATE: MARCH 13, 2012
 CONTRACT DAYS: THROUGH OCTOBER 1, 2013

ITEM #	ITEM	QTY	UNITS	GERELCO TRAFFIC CONTROLS, INC.		TRAFFIC CONTROL DEVICES, INC.		THE SIGNAL GROUP, INC.		AVERAGE UNIT PRICE
				UNIT PRICE	AMOUNT	UNIT PRICE	AMOUNT	UNIT PRICE	AMOUNT	
650-51-141	TRAFFIC SIGNAL HEAD ALUMINUM (1-SECTION, 4-WAY)	4	AS	\$1,030.92	\$4,123.68	\$1,737.00	\$6,948.00	\$900.00	\$3,600.00	\$1,222.64
650-51-142	TRAFFIC SIGNAL HEAD LIGHT WEIGHT (1-SECTION, 4-WAY)	4	AS	\$1,030.92	\$4,123.68	\$1,671.00	\$6,684.00	\$900.00	\$3,600.00	\$1,200.64
650-51-331	TRAFFIC SIGNAL HEAD ALUMINUM (3-SECTION, 3-WAY)	2	AS	\$1,971.90	\$3,943.80	\$2,315.00	\$4,630.00	\$1,500.00	\$3,000.00	\$1,928.97
650-51-332	TRAFFIC SIGNAL HEAD LIGHT WEIGHT (3-SECTION, 3-WAY)	2	AS	\$1,971.90	\$3,943.80	\$2,360.00	\$4,720.00	\$1,500.00	\$3,000.00	\$1,943.97
650-51-341	TRAFFIC SIGNAL HEAD ALUMINUM (3-SECTION, 4-WAY)	2	AS	\$2,629.20	\$5,258.40	\$3,127.00	\$6,254.00	\$2,100.00	\$4,200.00	\$2,618.73
650-51-342	TRAFFIC SIGNAL HEAD LIGHT WEIGHT (3-SECTION, 4-WAY)	2	AS	\$2,629.20	\$5,258.40	\$3,133.00	\$6,266.00	\$2,100.00	\$4,200.00	\$2,620.73
650-53-411	TRAFFIC SIGNAL HEAD ALUMINUM (4-SECTION, 1-WAY) INSTALL ONLY	20	AS	\$270.42	\$5,408.40	\$221.00	\$4,420.00	\$225.00	\$4,500.00	\$238.81
659-120-1	SIGNAL HEAD AUX. LED MODULE GREEN (FURNISH & INSTALL)	40	EA	\$198.88	\$7,955.20	\$96.00	\$3,840.00	\$250.00	\$10,000.00	\$181.63
659-120-2	SIGNAL HEAD AUX. LED MODULE RED (FURNISH & INSTALL)	40	EA	\$149.63	\$5,985.20	\$96.00	\$3,840.00	\$179.00	\$7,160.00	\$141.54
659-120-3	SIGNAL HEAD AUX. LED MODULE YELLOW (FURNISH & INSTALL)	40	EA	\$177.15	\$7,086.00	\$109.00	\$4,360.00	\$197.00	\$7,880.00	\$161.05
659-120-4	SIGNAL HEAD AUX. LED MODULE GREEN ARROW (FURNISH & INSTALL)	20	EA	\$177.15	\$3,543.00	\$71.00	\$1,420.00	\$205.00	\$4,100.00	\$151.05
659-120-5	SIGNAL HEAD AUX. LED MODULE RED ARROW (FURNISH & INSTALL)	20	EA	\$139.49	\$2,789.80	\$71.00	\$1,420.00	\$172.00	\$3,440.00	\$127.50
659-120-6	SIGNAL HEAD AUX. LED MODULE YELLOW ARROW (FURNISH & INSTALL)	20	EA	\$140.94	\$2,818.80	\$90.00	\$1,800.00	\$175.00	\$3,500.00	\$135.31
659-121-1	MAST ARM SIGNAL HANGER (1-WAY) (FURNISH & INSTALL)	2	EA	\$156.33	\$312.66	\$301.00	\$602.00	\$375.00	\$750.00	\$277.44
659-121-2	MAST ARM SIGNAL HANGER (2-WAY) (FURNISH & INSTALL)	1	EA	\$257.73	\$257.73	\$546.00	\$546.00	\$575.00	\$575.00	\$459.58
659-320-1	SIGNAL HEAD AUX. LED MODULE FOR (1) SIGNAL FACE (INSTALL ONLY)	10	EA	\$81.55	\$815.50	\$28.00	\$280.00	\$175.00	\$1,750.00	\$94.85
659-320-2	SIGNAL HEAD AUX. LED MODULES FOR (2) SIGNAL FACES (INSTALL ONLY)	140	EA	\$81.55	\$11,417.00	\$42.00	\$5,880.00	\$200.00	\$28,000.00	\$107.85
659-320-3	SIGNAL HEAD AUX. LED MODULES FOR (3) SIGNAL FACES (INSTALL ONLY)	10	EA	\$81.55	\$815.50	\$55.00	\$550.00	\$175.00	\$1,750.00	\$103.85
659-320-4	SIGNAL HEAD AUX. LED MODULES FOR (4) SIGNAL FACES (INSTALL ONLY)	10	EA	\$81.55	\$815.50	\$70.00	\$700.00	\$175.00	\$1,750.00	\$108.85

Bids received by: Charles W. Rich, P.E.
 Bids recorded by: Jayne Canale, Technical Aide

PROJECT NAME: ANNUAL TRAFFIC SIGNAL CONTRACT
PROJECT NUMBER: 2012056
BID OPENING DATE: MARCH 13, 2012
CONTRACT DAYS: THROUGH OCTOBER 1, 2013

ITEM #	ITEM	QTY	UNITS	GERELCO TRAFFIC CONTROLS, INC.		TRAFFIC CONTROL DEVICES, INC.		THE SIGNAL GROUP, INC.		AVERAGE UNIT PRICE
				UNIT PRICE	AMOUNT	UNIT PRICE	AMOUNT	UNIT PRICE	AMOUNT	
659-320-5	SIGNAL HEAD AUX. LED MODULES FOR (5) SIGNAL FACES (INSTALL ONLY)	10	EA	\$81.55	\$815.50	\$83.00	\$830.00	\$200.00	\$2,000.00	\$121.52
668-33	NAZTEC CABINET (TYPE K)(DETECTOR CABINET)	1	EA	\$859.82	\$859.82	\$11,130.00	\$11,130.00	\$12,250.00	\$12,250.00	\$8,079.94
668-34	NAZTEC CABINET (TYPE M) WITH AIR CONDITIONING (INSTALL ONLY)	1	EA	\$859.82	\$859.82	\$1,613.00	\$1,613.00	\$3,500.00	\$3,500.00	\$1,990.94
670-4-3	FLASHING BEACON CONTROLLER ASSEMBLY - INSTALL ONLY	1	EA	\$362.19	\$362.19	\$859.00	\$859.00	\$725.00	\$725.00	\$648.73
676-110-61	HUB SITE CABINET, 24" W/CONCRETE BASE	2	EA	\$5,698.05	\$11,396.10	\$7,068.00	\$14,136.00	\$7,100.00	\$14,200.00	\$6,622.02
676-110-62	HUB SITE CABINET, 48" W/CONCRETE BASE	4	EA	\$8,718.31	\$34,873.24	\$9,257.00	\$37,028.00	\$10,330.00	\$41,320.00	\$9,435.10
676-210-61	HUB SITE CABINET, 24", FURNISH ONLY	10	EA	\$5,698.05	\$56,980.50	\$5,425.00	\$54,250.00	\$4,510.00	\$45,100.00	\$5,211.02
676-210-62	HUB SITE CABINET, 48", FURNISH ONLY	4	EA	\$8,718.31	\$34,873.24	\$6,253.00	\$25,012.00	\$7,330.00	\$29,320.00	\$7,433.77
677-10	BASE MOUNT CABINET (FOUNDATION) 3' X 3'	2	EA	\$849.08	\$1,698.16	\$877.50	\$1,755.00	\$1,500.00	\$3,000.00	\$1,075.53
677-11	BASE MOUNT CABINET (FOUNDATION) 3' X 5'	2	EA	\$921.51	\$1,843.02	\$916.00	\$1,832.00	\$2,500.00	\$5,000.00	\$1,445.84
681-200	PATCH CABLE, ST:ST FIBER OPTIC SM, DUAL ZIP, 2m CERAMIC	50	EA	\$33.66	\$1,683.00	\$29.00	\$1,450.00	\$33.50	\$1,675.00	\$32.05
681-201	PATCH CABLE, ST:MTRJ FIBER OPTIC SM, DUAL ZIP, 2m CERAMIC	50	EA	\$57.47	\$2,873.50	\$49.00	\$2,450.00	\$58.00	\$2,900.00	\$54.82
681-203	PATCH CABLE, ST:LC FIBER OPTIC SM, DUAL ZIP, 2m CERAMIC	50	EA	\$35.70	\$1,785.00	\$31.00	\$1,550.00	\$36.00	\$1,800.00	\$34.23
681-204	PATCH CABLE, ST:ST FIBER OPTIC SM, DUAL ZIP, 1m CERAMIC	50	EA	\$33.66	\$1,683.00	\$29.00	\$1,450.00	\$34.00	\$1,700.00	\$32.22
681-205	PATCH CABLE, ST:MTRJ FIBER OPTIC SM, DUAL ZIP, 1m CERAMIC	50	EA	\$57.47	\$2,873.50	\$49.00	\$2,450.00	\$58.00	\$2,900.00	\$54.82
681-207	PATCH CABLE, ST:LC FIBER OPTIC SM, DUAL ZIP, 1m CERAMIC	50	EA	\$35.70	\$1,785.00	\$31.00	\$1,550.00	\$36.00	\$1,800.00	\$34.23
681-208	PATCH CABLE, ST:ST FIBER OPTIC SM, 1 FIBER, 2m CERAMIC	50	EA	\$34.62	\$1,731.00	\$30.00	\$1,500.00	\$35.00	\$1,750.00	\$33.21
681-209	PATCH CABLE, ST:ST FIBER OPTIC SM, 1 FIBER, 1m CERAMIC	50	EA	\$34.62	\$1,731.00	\$30.00	\$1,500.00	\$35.00	\$1,750.00	\$33.21
681-210	COPPER PATCH CABLE, CAT 5E, 568A, 1 M GRAY, STD	20	EA	\$2.38	\$47.60	\$2.00	\$40.00	\$2.36	\$47.20	\$2.25
681-211	COPPER PATCH CABLE, CAT 5E, 568B, 1 M, YELLOW, CROSS-OVER	100	EA	\$4.08	\$408.00	\$3.50	\$350.00	\$4.05	\$405.00	\$3.88
685-165	PTZ CAMERA VICON COMPLETE	10	EA	\$7,338.06	\$73,380.60	\$6,236.00	\$62,360.00	\$7,280.00	\$72,800.00	\$6,951.35
685-261	RSG2100 INDUSTRIALLY HARDENED ETHERNET SWITCH (FURNISH ONLY)	2	EA	\$11,527.34	\$23,054.68	\$9,796.00	\$19,592.00	\$11,450.00	\$22,900.00	\$10,924.45
685-262-2	RS900 9-PORT ETHERNET SWITCH WITH 2 FIBER	10	EA	\$2,577.50	\$25,775.00	\$2,190.00	\$21,900.00	\$2,560.00	\$25,600.00	\$2,442.50

Bids received by: Charles W. Rich, P.E.
Bids recorded by: Jayne Canale, Technical Aide

PROJECT NAME: ANNUAL TRAFFIC SIGNAL CONTRACT
 PROJECT NUMBER: 2012056
 BID OPENING DATE: MARCH 13, 2012
 CONTRACT DAYS: THROUGH OCTOBER 1, 2013

GERELCO TRAFFIC
 CONTROLS, INC.

TRAFFIC CONTROL
 DEVICES, INC.

THE SIGNAL GROUP, INC.

ITEM #	ITEM	QTY	UNITS	UNIT PRICE	AMOUNT	UNIT PRICE	AMOUNT	UNIT PRICE	AMOUNT	AVERAGE UNIT PRICE
685-262-3	RS900 9-PORT ETHERNET SWITCH WITH 3 FIBER	10	EA	\$2,645.50	\$26,455.00	\$2,248.00	\$22,480.00	\$2,630.00	\$26,300.00	\$2,507.83
685-286	2 POST OPEN FRAME RACK BLACK FINISH 45U	1	EA	\$918.10	\$918.10	\$780.00	\$780.00	\$910.00	\$910.00	\$869.37
690-55	REMOVE PERMANENT MOUNTED SIGNS (VMS)	1	EA	\$1,887.13	\$1,887.13	\$951.00	\$951.00	\$1,500.00	\$1,500.00	\$1,446.04
690-91	REMOVE EXISTING SIGNAL INTERCONNECT CABLE AERIAL (INCLUDING SPANWIRE)	2000	LF	\$0.88	\$1,760.00	\$0.75	\$1,500.00	\$1.50	\$3,000.00	\$1.04
699-1-1 A LED	INTERNALLY ILLUMINATED SIGN (6') LED	1	EA	\$3,260.40	\$3,260.40	\$4,211.00	\$4,211.00	\$3,200.00	\$3,200.00	\$3,557.13
699-1-1 B LED	INTERNALLY ILLUMINATED SIGN (6') INSTALL ONLY LED	1	EA	\$555.92	\$555.92	\$417.00	\$417.00	\$1,300.00	\$1,300.00	\$757.64
699-1-1 C LED	INTERNALLY ILLUMINATED SIGN (8') LED	1	EA	\$3,641.37	\$3,641.37	\$5,263.00	\$5,263.00	\$3,450.00	\$3,450.00	\$4,118.12
699-1-1 D LED	INTERNALLY ILLUMINATED SIGN (8') INSTALL ONLY LED	1	EA	\$555.92	\$555.92	\$417.00	\$417.00	\$1,500.00	\$1,500.00	\$824.31
710-11	REMOVE PAVEMENT MARKINGS (PAINT) HYDROBLAST SQFT	40	SF	\$10.88	\$435.20	\$34.00	\$1,360.00	\$250.00	\$10,000.00	\$98.29
711-7	REMOVE PAVEMENT MARKINGS (THERMOPLASTIC) HYDROBLAST SQFT	80	SF	\$19.04	\$1,523.20	\$46.00	\$3,680.00	\$200.00	\$16,000.00	\$88.35
715-1-6	REMOVE CONDUCTOR	350	LF	\$1.01	\$353.50	\$2.00	\$700.00	\$1.20	\$420.00 *	\$1.40
715-1-11	CONDUCTOR (No. 10 or smaller)	400	LF	\$3.96	\$1,584.00	\$0.70	\$280.00	\$3.05	\$1,220.00	\$2.57
715-1-14	CONDUCTOR (No. 1 to No. 0)	400	LF	\$5.73	\$2,292.00	\$3.35	\$1,340.00	\$4.50	\$1,800.00	\$4.53
715-1-15	CONDUCTOR (No. 1/0 to No. 3/0)	400	LF	\$0.49	\$196.00	\$4.60	\$1,840.00	\$1.00	\$400.00 *	\$2.03
715-2-12 -40-3	CONDUIT UNDERPVT (PVC SCH 40) (3")	400	LF	\$2,120.12	\$848,048.00	\$25.00	\$10,000.00	\$15.00	\$6,000.00	\$720.04
715-4-111	STANDARD LAMPOST, STANDARD FOUNDATION (40' MOUNTING HEIGHT)	2	LF	\$390.09	\$780.18	\$5,648.00	\$11,296.00	\$6,500.00	\$13,000.00	\$4,179.36
715-5-11 -B1	LUMINAIRE & BRACKET ARM ALUMINUM (12' w/84"rise)	3	EA	\$719.37	\$2,158.11	\$1,510.00	\$4,530.00	\$955.00	\$2,865.00	\$1,061.46
715-5-11 -C1	LUMINAIRE & BRACKET ARM ALUMINUM (15' w/84"rise)	3	EA	\$719.37	\$2,158.11	\$1,518.00	\$4,554.00	\$1,020.00	\$3,060.00	\$1,085.79
715-5-21-B	LUMINAIRE & BRACKET ARM ALUMINUM (12' w/36"rise)	3	EA	\$719.37	\$2,158.11	\$709.00	\$2,127.00	\$675.00	\$2,025.00	\$701.12
715-5-21-B1	LUMINAIRE & BRACKET ARM ALUMINUM (12' w/84"rise)	3	EA	\$719.37	\$2,158.11	\$709.00	\$2,127.00	\$775.00	\$2,325.00	\$734.46
715-5-21-C	LUMINAIRE & BRACKET ARM ALUMINUM (15' w/36"rise)	3	EA	\$27.88	\$83.64	\$715.00	\$2,145.00	\$520.00	\$1,560.00	\$420.96
715-5-21-C1	LUMINAIRE & BRACKET ARM ALUMINUM (15' w/84"rise)	3	EA	\$27.88	\$83.64	\$715.00	\$2,145.00	\$620.00	\$1,860.00	\$454.29
715-5-31-B	LUMINAIRE & BRACKET ARM ALUMINUM (12' w/36"rise)	3	EA	\$27.88	\$83.64	\$697.00	\$2,091.00	\$500.00	\$1,500.00	\$408.29
715-5-31-B1	LUMINAIRE & BRACKET ARM ALUMINUM (12' w/84"rise)	3	EA	\$1,151.05	\$3,453.15	\$697.00	\$2,091.00	\$500.00	\$1,500.00	\$782.68
715-5-31-C	LUMINAIRE & BRACKET ARM ALUMINUM (15' w/36"rise)	3	EA	\$27.88	\$83.64	\$697.00	\$2,091.00	\$500.00	\$1,500.00	\$408.29
715-5-31-C1	LUMINAIRE & BRACKET ARM ALUMINUM (15' w/84"rise)	2	EA	\$27.88	\$55.76	\$697.00	\$1,394.00	\$500.00	\$1,000.00	\$408.29
715-7-11	LOAD CENTER (SECONDARY VOLTAGE)	3	EA	\$15,168.03	\$45,504.09	\$8,743.00	\$26,229.00	\$12,500.00	\$37,500.00	\$12,137.01
715-10-2	LIGHT POLE FOUNDATION	5	EA	\$2,120.12	\$10,600.60	\$1,657.00	\$8,285.00	\$950.00	\$4,750.00	\$1,575.71
715-10-5	REMOVE LIGHT POLE FOUNDATION	5	EA	\$390.09	\$1,950.45	\$507.00	\$2,535.00	\$500.00	\$2,500.00	\$465.70
715-11-111-A	LUMINAIRE ROADWAY COBRA HEAD (150 WATT)	1	EA	\$719.37	\$719.37	\$601.00	\$601.00	\$750.00	\$750.00	\$690.12
715-11-111-B	LUMINAIRE ROADWAY COBRA HEAD (200 WATT)	10	EA	\$719.37	\$7,193.70	\$601.00	\$6,010.00	\$750.00	\$7,500.00	\$690.12

Bids received by: Charles W. Rich, P.E.
 Bids recorded by: Jayne Canale, Technical Aide

PROJECT NAME: ANNUAL TRAFFIC SIGNAL CONTRACT
 PROJECT NUMBER: 2012056
 BID OPENING DATE: MARCH 13, 2012
 CONTRACT DAYS: THROUGH OCTOBER 1, 2013

GERELCO TRAFFIC
 CONTROLS, INC.

TRAFFIC CONTROL
 DEVICES, INC.

THE SIGNAL GROUP, INC.

ITEM #	ITEM	QTY	UNITS	UNIT PRICE	AMOUNT	UNIT PRICE	AMOUNT	UNIT PRICE	AMOUNT	AVERAGE UNIT PRICE
715-11-111-D	LUMINAIRE ROADWAY COBRA HEAD (400 WATT)	5	EA	\$719.37	\$3,596.85	\$601.00	\$3,005.00	\$850.00	\$4,250.00	\$723.46
715-11-111-C	LUMINAIRE ROADWAY COBRA HEAD (250 WATT)	5	EA	\$719.37	\$3,596.85	\$601.00	\$3,005.00	\$750.00	\$3,750.00	\$690.12
715-11-112	LUMINAIRE (ROADWAY HIGH MAST)	5	EA	\$1,152.50	\$5,762.50	\$1,006.00	\$5,030.00	\$1,550.00	\$7,750.00	\$1,236.17
715-11-113	LUMINAIRE (ROADWAY POLE TOP)	5	EA	\$842.50	\$4,212.50	\$711.00	\$3,555.00	\$750.00	\$3,750.00	\$767.83
715-11-118	LUMINAIRE (ROADWAY FLOOD)	5	EA	\$842.50	\$4,212.50	\$711.00	\$3,555.00	\$650.00	\$3,250.00	\$734.50
715-11-500	LUMINAIRE ROADWAY (ALL TYPES)	5	EA	\$135.72	\$678.60	\$175.00	\$875.00	\$750.00	\$3,750.00	\$353.57
715-14-31	PULL BOX (ROADSIDE) (INSTALL ONLY)	5	EA	\$138.73	\$693.65	\$214.00	\$1,070.00	\$250.00	\$1,250.00	\$200.91
715-19-111	HIGH MAST LIGHT COMPLETE (80')	5	EA	\$43,361.09	\$216,805.45	\$52,867.00	\$264,335.00	\$52,000.00	\$260,000.00	\$49,409.36
715-19-600	LIGHT POLE COMPLETE HIGH MAST (all sizes)	1	EA	\$2,342.62	\$2,342.62	\$3,036.00	\$3,036.00	\$5,500.00	\$5,500.00	\$3,626.21
715-540-000	LIGHT POLE COMPLETE	5	EA	\$403.70	\$2,018.50	\$811.00	\$4,055.00	\$700.00	\$3,500.00	\$638.23
715-550-000	LIGHT POLE COMPLETE	5	EA	\$2,120.12	\$10,600.60	\$3,731.00	\$18,655.00	\$2,500.00	\$12,500.00	\$2,783.71
788-1-2	BI-DIRECTIONAL CONTACT CLOSURE TRANSCEIVER	8	PI	\$1,611.79	\$12,894.32	\$1,370.00	\$10,960.00	\$1,600.00	\$12,800.00	\$1,527.26
	TOTAL CONTINGENCY ITEMS	****	****	*****	\$7,977,504.11	*****	\$7,096,176.00	*****	\$7,859,106.20 *	*****
	TOTAL BASE BID	****	****	*****	\$2,670,346.17 *	*****	\$3,988,163.50	*****	\$4,361,668.00 *	*****
	GRAND TOTAL	****	****	*****	\$10,647,850.28 *	*****	\$11,084,339.50	*****	\$12,220,774.20 *	*****

*Denotes corrected figure

PROJECT NAME: ANNUAL TRAFFIC SIGNAL CONTRACT
PROJECT NUMBER: 2012056
BID OPENING DATE: MARCH 13, 2012
CONTRACT DAYS: THROUGH OCTOBER 1, 2013

**HORSEPOWER ELECTRIC,
 INC.**

ITEM #	ITEM	QTY	UNITS	UNIT PRICE	AMOUNT
102-1-A	GENERAL MAINTENANCE OF TRAFFIC	800	HR	\$200.00	\$160,000.00
102-1-B	MAINTENANCE OF TRAFFIC (SECURING SIGNAL POLE)	100	HR	\$200.00	\$20,000.00
102-1-C	MAINTENANCE OF TRAFFIC (UTILITY LOCATION, SOFT DIG)	50	HR	\$200.00	\$10,000.00
102-11	POLICE ASSIST FOR MAINTENANCE OF TRAFFIC	50	HR	\$50.00	\$2,500.00
400-1-15	CLASS I CONCRETE (MISC.) WIRE REINFORCED	50	CY	\$350.00	\$17,500.00
455-142	CROSSHOLE SONIC LOGGING TEST	6	EA	\$1,500.00	\$9,000.00
522-1-B	CONCRETE SIDEWALK 6" THICK	20	SY	\$75.00	\$1,500.00
630-1-11-2	2" RIGID CONDUIT HOT DIPPED GALVANIZED CONDUIT SURFACE MOUNTED	600	LF	\$15.00	\$9,000.00
630-1-12-2	2" PVC (SCH 40) UNDERGROUND CONDUIT	8000	LF	\$10.00	\$80,000.00
630-1-12-2A	ADDITIONAL 2" PVC (SCH 40) CONDUIT, IN TRENCH	2500	LF	\$5.00	\$12,500.00
630-1-13-2-1	1-2" (HDPE SDR 11) UNDER PAVEMENT CONDUIT (DIRECTIONAL BORE)	1500	LF	\$15.00	\$22,500.00
630-1-13-2-2	2-2" (HDPE SDR 11) UNDER PAVEMENT CONDUIT (DIRECTIONAL BORE)	1500	LF	\$17.00	\$25,500.00
630-1-13-2-3	3-2" (HDPE SDR 11) UNDER PAVEMENT CONDUIT (DIRECTIONAL BORE)	2000	LF	\$18.00	\$36,000.00
630-1-13-2-4	4-2" (HDPE SDR 11) UNDER PAVEMENT CONDUIT (DIRECTIONAL BORE)	5000	LF	\$20.00	\$100,000.00
630-1-13-2-5	5-2" (HDPE SDR 11) UNDER PAVEMENT CONDUIT (DIRECTIONAL BORE)	1000	LF	\$22.00	\$22,000.00
630-1-15-2	2" GALV. IMC. BRIDGE MT. CONDUIT	200	LF	\$20.00	\$4,000.00
630-3	RODDING AND CLEANING OUT EXISTING CONDUIT SCH 40	100	LF	\$6.00	\$600.00
632-6-1-19	SIGNAL CABLE - 19 CONDUCTOR	800	LF	\$20.00	\$16,000.00
632-6-1-4	SIGNAL CABLE - 4 CONDUCTOR	600	LF	\$20.00	\$12,000.00
632-6-1-7	SIGNAL CABLE - 7 CONDUCTOR	600	LF	\$20.00	\$12,000.00
632-7-1-1A	SIGNAL CABLE (SPAN LENGTH 0' - 250')	1	PI	\$5,000.00	\$5,000.00
632-7-1-1B	SIGNAL CABLE (SPAN LENGTH 251' - 350')	1	PI	\$7,000.00	\$7,000.00
632-7-1-1C	SIGNAL CABLE (SPAN LENGTH 351' - 450')	4	PI	\$9,000.00	\$36,000.00
632-7-1-1D	SIGNAL CABLE (SPAN LENGTH 451' - 550')	7	PI	\$9,000.00	\$63,000.00
632-7-1-1E	SIGNAL CABLE (SPAN LENGTH 551' - 650')	6	PI	\$9,000.00	\$54,000.00
632-7-1-1F	SIGNAL CABLE (SPAN LENGTH 651' - 750')	6	PI	\$13,000.00	\$78,000.00
632-7-1-1G	SIGNAL CABLE (SPAN LENGTH 751' - Greater)	5	PI	\$15,000.00	\$75,000.00
632-7-1-4	PEDESTRIAN SIGNAL CABLE - 4 CONDUCTOR	25	PI	\$1,500.00	\$37,500.00

Bids received by: Charles W. Rich, P.E.
Bids recorded by: Jayne Canale, Technical Aide

PROJECT NAME: ANNUAL TRAFFIC SIGNAL CONTRACT
PROJECT NUMBER: 2012056
BID OPENING DATE: MARCH 13, 2012
CONTRACT DAYS: THROUGH OCTOBER 1, 2013

**HORSEPOWER ELECTRIC,
 INC.**

ITEM #	ITEM	QTY	UNITS	UNIT PRICE	AMOUNT
632-7-1-7	PEDESTRIAN SIGNAL CABLE - 7 CONDUCTOR	25	PI	\$1,500.00	\$37,500.00
633-111-12	FIBER OPTIC CABLE, (FSM) 12-COUNT (AERIAL)	500	LF	\$3.85	\$1,925.00
633-111-24	FIBER OPTIC CABLE, (FSM) 24-COUNT (AERIAL)	1000	LF	\$3.95	\$3,950.00
633-111-48	FIBER OPTIC CABLE, (FSM) 48-COUNT (AERIAL)	50000	LF	\$4.00	\$200,000.00
634-4-113-1A	SPAN WIRE ASSEMBLY (3/8") (SPAN LENGTH 0' - 250')	3	PI	\$1,500.00	\$4,500.00
634-4-113-1B	SPAN WIRE ASSEMBLY (3/8") (SPAN LENGTH 251' - 350')	1	PI	\$1,500.00	\$1,500.00
634-4-113-1C	SPAN WIRE ASSEMBLY (3/8") (SPAN LENGTH 351' - 450')	1	PI	\$1,500.00	\$1,500.00
634-4-113-1D	SPAN WIRE ASSEMBLY (3/8") (SPAN LENGTH 451' - 550')	1	PI	\$2,000.00	\$2,000.00
634-4-113-1E	SPAN WIRE ASSEMBLY (3/8") (SPAN LENGTH 551' - 650')	2	PI	\$2,000.00	\$4,000.00
634-4-113-1E-HY	SPAN WIRE ASSEMBLY 3/8 HIGH YIELD (SPAN LENGTH 551' - 650')	1	PI	\$3,000.00	\$3,000.00
634-4-113-1F	SPAN WIRE ASSEMBLY (3/8") (SPAN LENGTH 651' - 750')	2	PI	\$3,000.00	\$6,000.00
634-4-113-2C	SPAN WIRE ASSEMBLY (7/16") (SPAN LENGTH: 351' - 450')	1	PI	\$2,000.00	\$2,000.00
634-4-113-2D	SPAN WIRE ASSEMBLY (7/16") (SPAN LENGTH: 451' - 550')	1	PI	\$3,000.00	\$3,000.00
634-4-113-2E	SPAN WIRE ASSEMBLY (7/16") (SPAN LENGTH: 551' - 650')	1	PI	\$3,200.00	\$3,200.00
634-4-113-2F	SPAN WIRE ASSEMBLY (7/16") (SPAN LENGTH 651' - 750')	1	PI	\$3,500.00	\$3,500.00
634-4-113-3G	SPAN WIRE ASSEMBLY (1/2") (SPAN LENGTH 751' - Greater')	1	PI	\$4,000.00	\$4,000.00
635-1-12	AERIAL JUNCTION BOX	4	EA	\$250.00	\$1,000.00 *
635-1-15A	PULL BOX (30" x 48" x 24"D) HEAVY DUTY SPLIT	20	EA	\$2,000.00	\$40,000.00
635-1-15B	PULL BOX (17" x 30" x 12"D) HEAVY DUTY COVERS	250	EA	\$800.00	\$200,000.00
635-1-15D	PULL BOX, (17"X30"X24"D) FIBERGLASS, HEAVY DUTY COVERS	2	EA	\$200.00	\$400.00
639-1-13	ELECTRICAL POWER SERVICE (OVERHEAD)	10	AS	\$3,000.00	\$30,000.00
639-1-23	ELECTRICAL POWER SERVICE (UNDERGROUND)	15	AS	\$3,000.00	\$45,000.00
639-2-1	ELECTRICAL SERVICE WIRE	5500	LF	\$7.50	\$41,250.00
639-3-11	ELECTRICAL SERVICE DISCONNECT	4	EA	\$500.00	\$2,000.00
641-1-1	GUYING CONCRETE STRAIN POLES (1-GUY WIRE)	1	EA	\$500.00	\$500.00
641-1-2	GUYING CONCRETE STRAIN POLES (2-GUY WIRE)	1	EA	\$500.00	\$500.00
641-2-12-12	PRESTRESSED CONCRETE POLE (12' TYPE P-II)	20	EA	\$800.00	\$16,000.00
641-2-15-44	PRESTRESSED CONCRETE POLE (44' TYPE P-V)	4	EA	\$3,700.00	\$14,800.00
641-2-16-44	PRESTRESSED CONCRETE POLE (44' TYPE P-VI)	4	EA	\$3,800.00	\$15,200.00

Bids received by: Charles W. Rich, P.E.
Bids recorded by: Jayne Canale, Technical Aide

PROJECT NAME: ANNUAL TRAFFIC SIGNAL CONTRACT
PROJECT NUMBER: 2012056
BID OPENING DATE: MARCH 13, 2012
CONTRACT DAYS: THROUGH OCTOBER 1, 2013

**HORSEPOWER ELECTRIC,
 INC.**

ITEM #	ITEM	QTY	UNITS	UNIT PRICE	AMOUNT
641-2-16-46	PRESTRESSED CONCRETE POLE (46' TYPE P-VI)	4	EA	\$4,100.00	\$16,400.00
641-2-17-44	PRESTRESSED CONCRETE POLE (44' TYPE P-VII)	4	EA	\$4,150.00	\$16,600.00
641-2-17-46	PRESTRESSED CONCRETE POLE (46' TYPE P-VII)	4	EA	\$4,150.00	\$16,600.00
641-2-17-50	PRESTRESSED CONCRETE POLE (50' TYPE P-VII)	4	EA	\$5,285.00	\$21,140.00
641-2-17-60	PRESTRESSED CONCRETE POLE (60' TYPE P-VII)	2	EA	\$5,645.00	\$11,290.00
641-2-30	PRESTRESSED CONCRETE POLE (INSTALL ONLY - V, VI, VII, OR VIII)	2	EA	\$3,500.00	\$7,000.00
641-2-30-70	PRESTRESSED CONCRETE POLE (70' UTILITY TYPE)(INSTALL ONLY)	2	EA	\$4,000.00	\$8,000.00
641-3	PRESTRESSED CONCRETE POLE INSTALLATION FND GREATER THAN 12'	2	EA	\$2,000.00	\$4,000.00
643-1-1	GUYING WOOD POLE (1-GUY WIRE PER POLE)	2	EA	\$500.00	\$1,000.00
643-1-2	GUYING WOOD POLE (2-GUY WIRE PER POLE)	2	EA	\$500.00	\$1,000.00
643-150	WOOD STRAIN 50' POLES	2	EA	\$750.00	\$1,500.00
643-155	WOOD STRAIN 55' POLE	2	EA	\$775.00	\$1,550.00
643-300	WOOD STRAIN POLE (INSTALL ONLY)	2	EA	\$450.00	\$900.00
649-31-101	MAST ARM ASSY D1-S1 36'	1	EA	\$31,240.00	\$31,240.00
649-31-102	MAST ARM ASSY D3-S246'	7	EA	\$34,040.00	\$238,280.00
649-31-103	MAST ARM ASSY D5-S3 60'	7	EA	\$39,520.00	\$276,640.00
649-31-104	MAST ARM ASSY D6-S4 70' 6"	5	EA	\$42,106.00	\$210,530.00
649-31-105	MAST ARM ASSY D7-S6 78'	6	EA	\$43,250.00	\$259,500.00
649-33-000-D	MAST ARM (ARM ONLY) INSTALL ONLY	2	EA	\$3,500.00	\$7,000.00
649-33-000-DS	MAST ARM (ARM & UPRIGHT) INSTALL ONLY	1	EA	\$18,000.00	\$18,000.00
649-33-000-S	MAST ARM (UPRIGHT ONLY) INSTALL ONLY	1	EA	\$18,000.00	\$18,000.00
649-33-101	MAST ARM ASSY D1-S1 36' INST ONLY	2	EA	\$18,000.00	\$36,000.00
649-33-102	MAST ARM ASSY D3-S2 46' INST ONLY	2	EA	\$18,000.00	\$36,000.00
649-33-104	MAST ARM ASSY D6-S4 70' 6" INST ONLY	1	EA	\$20,000.00	\$20,000.00
650-51-111	TRAFFIC SIGNAL HEAD ALUMINUM (1-SECTION, 1-WAY)	8	AS	\$900.00	\$7,200.00
650-51-112	TRAFFIC SIGNAL HEAD LIGHT WEIGHT (1-SECTION, 1- WAY)	1	AS	\$900.00	\$900.00
650-51-121	TRAFFIC SIGNAL HEAD ALUMINUM (1-SECTION, 2-WAY)	1	AS	\$1,200.00	\$1,200.00
650-51-311	TRAFFIC SIGNAL HEAD ALUMINUM (3-SECTION, 1-WAY)	200	AS	\$1,200.00	\$240,000.00
650-51-312	TRAFFIC SIGNAL HEAD LIGHT WEIGHT (3-SECTION, 1- WAY)	15	AS	\$1,200.00	\$18,000.00
650-51-321	TRAFFIC SIGNAL HEAD ALUMINUM (3-SECTION, 2-WAY)	10	AS	\$1,750.00	\$17,500.00

Bids received by: Charles W. Rich, P.E.
Bids recorded by: Jayne Canale, Technical Aide

PROJECT NAME: ANNUAL TRAFFIC SIGNAL CONTRACT
PROJECT NUMBER: 2012056
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CONTRACT DAYS: THROUGH OCTOBER 1, 2013

**HORSEPOWER ELECTRIC,
 INC.**

ITEM #	ITEM	QTY	UNITS	UNIT PRICE	AMOUNT
650-51-322	TRAFFIC SIGNAL HEAD LIGHT WEIGHT (3-SECTION, 2-WAY)	2	AS	\$1,750.00	\$3,500.00
650-51-411	TRAFFIC SIGNAL HEAD ALUMINUM (4-SECTION, 1-WAY)	10	AS	\$1,500.00	\$15,000.00
650-51-412	TRAFFIC SIGNAL HEAD LIGHT WEIGHT (4-SECTION, 1-WAY)	2	AS	\$1,300.00	\$2,600.00
650-51-511	TRAFFIC SIGNAL HEAD ALUMINUM (5-SECTION, 1-WAY)	40	AS	\$1,500.00	\$60,000.00
650-51-512	TRAFFIC SIGNAL HEAD LIGHT WEIGHT (5-SECTION, 1-WAY)	10	AS	\$1,400.00	\$14,000.00
650-53-111	TRAFFIC SIGNAL HEAD (1-SECTION, 1-WAY) INSTALL ONLY	1	AS	\$500.00	\$500.00
650-53-112	TRAFFIC SIGNAL HEAD (1-SECTION, 1-WAY) INSTALL ONLY	1	AS	\$500.00	\$500.00
650-53-311	TRAFFIC SIGNAL HEAD (3-SECTION, 1-WAY) INSTALL ONLY	5	AS	\$600.00	\$3,000.00
650-53-321	TRAFFIC SIGNAL HEAD (3-SECTION, 2-WAY) INSTALL ONLY	1	AS	\$700.00	\$700.00
650-53-511	TRAFFIC SIGNAL HEAD (5-SECTION, 1-WAY) INSTALL ONLY	1	AS	\$650.00	\$650.00
653-191	PEDESTRIAN SIGNAL - COUNT DOWN (1-WAY)	64	EA	\$1,000.00	\$64,000.00
653-192	PEDESTRIAN SIGNAL - COUNT DOWN (2-WAY)	40	EA	\$1,750.00	\$70,000.00
659-101	SIGNAL HEAD AUX. (BACK PLATES, 3-SECTION)	10	EA	\$100.00	\$1,000.00
659-102	SIGNAL HEAD AUX. (BACK PLATES, 4-SECTION)	20	EA	\$120.00	\$2,400.00
659-103	SIGNAL HEAD AUX. (DISCONNECT HANGER)	10	EA	\$400.00	\$4,000.00
659-107	SIGNAL HEAD AUX. (ALUMINUM PEDESTAL)	60	EA	\$1,000.00	\$60,000.00
659-111	SIGNAL HEAD AUX. (BACK PLATES, 1-SECTION)	1	EA	\$90.00	\$90.00
659-118	SIGNAL HEAD AUX. (BACK PLATES, 5-SECTION)	4	EA	\$150.00	\$600.00
659-121-3	MAST ARM SIGNAL HANGER (3-WAY) (FURNISH & INSTALL)	1	EA	\$400.00	\$400.00
659-121-4	MAST ARM SIGNAL HANGER (4-WAY) (FURNISH & INSTALL)	1	EA	\$500.00	\$500.00
660-1-0	DETECTOR AMPLIFIER (2- CHANNEL, TS-2, RACK MOUNTED (FURNISH & INSTALL)	1	EA	\$250.00	\$250.00
660-1-1	DETECTOR AMPLIFIER (1- CHANNEL, TS-1, SHELF MOUNTED (FURNISH & INSTALL)	1	EA	\$225.00	\$225.00
660-2-102	LOOP ASSEMBLY 6'x6' (TYPE B) (FURNISH & INSTALL)	20	EA	\$500.00	\$10,000.00
660-2-106-A	LOOP ASSEMBLY (TYPE F - 26')	250	EA	\$700.00	\$175,000.00

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**HORSEPOWER ELECTRIC,
 INC.**

ITEM #	ITEM	QTY	UNITS	UNIT PRICE	AMOUNT
660-2-106-B	LOOP ASSEMBLY (TYPE F - 46')	150	EA	\$900.00	\$135,000.00
663-74-16-01	WIRELESS MAGNETOMETER VEHICLE DETECTOR ASSEMBLY -SINGLE-LANE (TYPE F - 20')	2	AS	\$8,550.00	\$17,100.00
663-74-16-02	REPEATER FOR WIRELESS MAGNETOMETER VEHICLE DETECTOR	2	AS	\$2,500.00	\$5,000.00
663-74-16-03	FLUSH MOUNT SENSOR FOR WIRELESS MAGNETOMETER VEHICLE DETECTOR ASSEMBLY (SIGNAL CONTROL APPLICATION TYPE)	8	AS	\$800.00	\$6,400.00
663-74-16-03	FLUSH MOUNT SENSOR FOR WIRELESS MAGNETOMETER VEHICLE DETECTOR ASSEMBLY (FREEWAY, ARTERIAL AND SIGNAL CONTROL APPLICATION TYPE)	2	AS	\$800.00	\$1,600.00
665-11	PEDESTRIAN DETECTOR (PUSH BUTTON)	150	EA	\$250.00	\$37,500.00
665-111-1	PEDESTRIAN DETECTOR- ACCESSIBLE- ONE (1) CROSSING	2	EA	\$5,000.00	\$10,000.00
665-111-2	PEDESTRIAN DETECTOR ASSEMBLY- ACCESSIBLE- TWO (2) CROSSINGS	1	EA	\$5,800.00	\$5,800.00
665-111-3	PEDESTRIAN DETECTOR ASSEMBLY - ACCESSIBLE- THREE (3) CROSSINGS	1	EA	\$6,600.00	\$6,600.00
665-111-4	PEDESTRIAN DETECTOR ASSEMBLY- ACCESSIBLE- FOUR (4) CROSSINGS	1	EA	\$7,400.00	\$7,400.00
665-12	PEDESTRIAN DETECTOR WITH POST (CONCRETE MONUMENT)	1	EA	\$500.00	\$500.00
670-5-110	TRAFFIC CONTROLLER ASSEMBLY (TYPE 5) AS PER NAZTEC	1	AS	\$25,000.00	\$25,000.00
670-5-110-A	TRAFFIC CONTROLLER ASSEMBLY (TYPE 6) AS PER NAZTEC	1	AS	\$30,000.00	\$30,000.00
670-5-310	TRAFFIC CONTROLLER ASSEMBLY (TYPE 5 - INSTALL ONLY)	20	AS	\$3,000.00	\$60,000.00
670-5-310-XA	TRAFFIC CONTROLLER ASSEMBLY (TYPE 6 - INSTALL ONLY)	5	AS	\$3,000.00	\$15,000.00
685-173	DIGITAL VIDEO ENCODER	5	EA	\$4,200.00	\$21,000.00
690-10	REMOVE TRAFFIC SIGNAL HEAD ASSEMBLY	120	EA	\$25.00	\$3,000.00
690-100	REMOVE MISCELLANEOUS SIGNAL EQUIPMENT	40	HR	\$50.00	\$2,000.00
690-15	REMOVE INTERNALLY ILLUMINATED SIGN	2	EA	\$125.00	\$250.00
690-20	REMOVE PEDESTRIAN SIGNAL ASSEMBLY	140	EA	\$25.00	\$3,500.00

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690-200	TREE / BUSH TRIMMING AND REMOVAL	1	HR	\$100.00	\$100.00
690-31	REMOVE SIGNAL PEDESTAL	16	EA	\$120.00	\$1,920.00
690-32-1	CONCRETE POLE REMOVAL - SHALLOW (INCLUDES POLE AND BURIED ATTACHMENTS TO A DEPTH OF 4 FEET BELOW EXISTING GRADE)	10	EA	\$500.00	\$5,000.00
690-32-2	MAST ARM POLE REMOVAL - SHALLOW (INCLUDES ARM, UPRIGHT AND BURIED ATTACHMENTS TO A DEPTH OF 4 FEET BELOW EXISTING GRADE)	2	EA	\$500.00	\$1,000.00
690-34-1	CONCRETE POLE REMOVAL - DEEP (INCLUDES POLE AND COMPLETE REMOVAL OF THE POLE FOUNDATION)	1	EA	\$400.00	\$400.00
690-34-2	MAST ARM POLE REMOVAL - DEEP (INCLUDES ARM, UPRIGHT AND COMPLETE REMOVAL OF THE POLE FOUNDATION)	1	EA	\$500.00	\$500.00
690-34-2A	REMOVAL MAST ARM (ARM ONLY)	1	EA	\$500.00	\$500.00
690-34-2B	REMOVE MAST ARM (ARM AND UPRIGHT ONLY)	1	EA	\$500.00	\$500.00
690-34-2C	REMOVE POLE WOOD	2	E	\$100.00	\$200.00
690-40	REMOVE POWER SERVICE	2	EA	\$100.00	\$200.00
690-50	REMOVE CONTROLLER ASSEMBLY	5	EA	\$350.00	\$1,750.00
690-60	REMOVE VEHICLE DETECTOR ASSEMBLY	10	EA	\$125.00	\$1,250.00
690-70	REMOVE PEDESTRIAN DETECTOR ASSEMBLY	40	EA	\$50.00	\$2,000.00
690-80	REMOVE SPAN WIRE ASSEMBLY	10	PI	\$250.00	\$2,500.00
690-90	REMOVE CABLING AND CONDUIT	2500	LF	\$0.25	\$625.00
690-92	REMOVE CABLE, UNDERGROUND	200	LF	\$0.10	\$20.00
690-93	REMOVE SMALL PULL BOX	10	EA	\$250.00	\$2,500.00
690-94	REMOVE LARGE PULL BOX	2	EA	\$300.00	\$600.00
699-1-1 A	INTERNALLY ILLUMINATED SIGN (6')	4	EA	\$3,500.00	\$14,000.00
699-1-1 B	INTERNALLY ILLUMINATED SIGN (6') INSTALL ONLY	40	EA	\$1,000.00	\$40,000.00
699-1-1 C	INTERNALLY ILLUMINATED SIGN (8')	2	EA	\$3,500.00	\$7,000.00
699-1-1 D	INTERNALLY ILLUMINATED SIGN (8') INSTALL ONLY	20	EA	\$1,050.00	\$21,000.00
700-89-2	LED BLANK-OUT SIGN (30" X 30")	1	EA	\$4,500.00	\$4,500.00
700-89-3	FIBER OPTIC BLANK-OUT SIGN (30" X 30")	1	EA	\$4,400.00	\$4,400.00
700-90-11	SOLAR POWERED SCHOOL ZONE FLASHER ASSEMBLY GROUND MOUNT	2	EA	\$10,000.00	\$20,000.00
700-90-12	SOLAR POWERED SCHOOL ZONE FLASHER ASSEMBLY OVERHEAD MOUNT	2	EA	\$7,500.00	\$15,000.00

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HORSEPOWER ELECTRIC,
 INC.

ITEM #	ITEM	QTY	UNITS	UNIT PRICE	AMOUNT
700-90-14	SOLAR POWERED SCHOOL ZONE FLASHER ASSEMBLY SPAN WIRE MOUNT	1	EA	\$12,000.00	\$12,000.00
715-1-12	CONDUCTOR (No. 8 to No. 6)	100	LF	\$4.00	\$400.00
715-1-13	CONDUCTOR (No. 4 to No. 2)	100	LF	\$6.00	\$600.00
715-5-11(A)	LUMINAIRE & BRACKET ARM ALUMINUM (8')	20	EA	\$1,500.00	\$30,000.00
715-5-11(B)	LUMINAIRE & BRACKET ARM ALUMINUM (12' w/36"rise)	10	EA	\$1,500.00	\$15,000.00
715-5-11(C)	LUMINAIRE & BRACKET ARM ALUMINUM (15' w/36"rise)	1	EA	\$2,000.00	\$2,000.00
715-5-50	LUMINAIRE & BRACKET ARM - REMOVE	8	EA	\$50.00	\$400.00
786-1-11	MICROWAVE VEHICLE DETECTION SYSTEM	1	EA	\$10,000.00	\$10,000.00
786-1-12-11	VIDEO IMAGE DETECTION 1 - CAMERA SYSTEM (AUTOSCOPE)	1	EA	\$10,000.00	\$10,000.00
786-1-12-12	VIDEO IMAGE DETECTION 1 - CAMERA SYSTEM (ITERIS)	1	EA	\$10,000.00	\$10,000.00
786-1-12-41	VIDEO IMAGE DETECTION 4 - CAMERA SYSTEM (AUTOSCOPE)	1	EA	\$34,000.00	\$34,000.00
786-1-12-42	VIDEO IMAGE DETECTION 4 - CAMERA SYSTEM (ITERIS)	1	EA	\$34,000.00	\$34,000.00
786-1-31	MICROWAVE VEHICLE DETECTION SYSTEM (FURNISH ONLY)	1	EA	\$4,500.00	\$4,500.00
786-1-32-11	VIDEO IMAGE DETECTION 1 - CAMERA SYSTEM (AUTOSCOPE)	1	EA	\$2,500.00	\$2,500.00
786-1-32-12	VIDEO IMAGE DETECTION 1 - CAMERA SYSTEM (ITERIS)	5	EA	\$2,500.00	\$12,500.00
786-1-32-41	VIDEO IMAGE DETECTION 4 - CAMERA SYSTEM (AUTOSCOPE)	1	EA	\$12,000.00	\$12,000.00
786-1-32-42	VIDEO IMAGE DETECTION 4 - CAMERA SYSTEM (ITERIS)	10	EA	\$11,000.00	\$110,000.00
TOTAL BASE BID **** *				*****	\$4,488,225.00 *

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HORSEPOWER ELECTRIC,
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ITEM #	ITEM	QTY	UNITS	UNIT PRICE	AMOUNT
	CONTINGENCY ITEMS	****	****	*****	*****
102-99	CHANGEABLE - VARIABLE MESSAGE SIGN (TEMPORARY)	50	ED	\$50.00	\$2,500.00
144-77	TRAFFIC MONITORING STATION (4 LANE DIVIDED)	10	EA	\$10,000.00	\$100,000.00
144-78	TRAFFIC MONITORING STATION (ADDITIONAL LANE)	20	EA	\$2,500.00	\$50,000.00
522-1-A	CONCRETE SIDEWALK 4" THICK	10	SY	\$65.00	\$650.00
552-1-C	PAVER BRICK REPAIR - REMOVE AND REPLACE	200	SF	\$120.00	\$24,000.00
620-1-1	GROUNDING ELECTRODE	25	EA	\$50.00	\$1,250.00
630-1-11-1	1" RIGID CONDUIT HOT DIPPED GALVANIZED CONDUIT SURFACE MOUNTED	500	LF	\$12.00	\$6,000.00
630-1-11-1.25	1 1/4" RIGID CONDUIT HOT DIPPED GALVANIZED CONDUIT SURFACE MOUNTED	500	LF	\$14.00	\$7,000.00
630-1-12-2SD	SPLIT DUCT, 2" PVC (SCH 40), INCLUDE 90 DEGREE SWEEPS AND COUPLINGS	500	LF	\$20.00	\$10,000.00
630-1-12-4	4" PVC (SCH 40) UNDERGROUND CONDUIT	1000	LF	\$20.00	\$20,000.00
630-1-12-4A	ADDITIONAL 4" PVC (SCH 40) UNDERGROUND CONDUIT, OPEN TRENCH	1000	LF	\$5.00	\$5,000.00
630-1-12-4i	CONDUIT, UNDERGROUND, 4" PVC (SCH 40) WITH (3) 1 1/4" (HDPE) INNERDUCT	500	LF	\$40.00	\$20,000.00
630-1-12-4iA	CONDUIT, ADDITIONAL 4" (HDPE SDR11) WITH (3) 1 1/4" (HDPE) INNERDUCT	500	LF	\$60.00	\$30,000.00
630-1-12-i6	INNERDUCT, 1 1/4" (HDPE SDR11)	2000	LF	\$2.58	\$5,160.00
630-1-13-4	4" (HDPE SDR 11) UNDER PAVEMENT CONDUIT (DIRECTIONAL BORE)	200	LF	\$30.00	\$6,000.00
630-1-13-4i-1	CONDUIT UNDER PAVEMENT, 1-4" (HDPE SDR 11) WITH (3) 1 1/4" (HDPE) INNER DUCT (DIRECTIONAL BORE)	200	LF	\$35.00	\$7,000.00
630-1-13-4i-2	CONDUIT UNDER PAVEMENT, 2-4" (HDPE SDR 11) WITH (3) 1 1/4" (HDPE) INNER DUCT (DIRECTIONAL BORE)	200	LF	\$40.00	\$8,000.00
630-1-13-6	6" (HDPE SDR 11) UNDER PAVEMENT CONDUIT (DIRECTIONAL BORE)	200	LF	\$40.00	\$8,000.00
630-1-14-2-1	1-2" PVC (SCH 40) UNDER PAVEMENT CONDUIT (SAW CUT METHOD)	300	LF	\$50.00	\$15,000.00
630-1-14-2-2	2-2" PVC (SCH 40) UNDER PAVEMENT CONDUIT (SAW CUT METHOD)	500	LF	\$60.00	\$30,000.00

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630-1-14-2-3	3-2" PVC (SCH 40) UNDER PAVEMENT CONDUIT (SAW CUT METHOD)	500	LF	\$65.00	\$32,500.00
630-1-14-2-4	4-2" PVC (SCH 40) UNDER PAVEMENT CONDUIT (SAW CUT METHOD)	500	LF	\$70.00	\$35,000.00
630-1-14-2-5	5-2" PVC (SCH 40) UNDER PAVEMENT CONDUIT (SAW CUT METHOD)	500	LF	\$75.00	\$37,500.00
630-1-16-2	CONDUIT, 2" PVC (SCH 40), OPEN TRENCH IN	200	LF	\$5.00	\$1,000.00
630-1-16-4i	CONDUIT, 4" (HDPE SDR 11) WITH (3) 1¼" (HDPE) INNERDUCT, OPEN TRENCH IN PAVEMENT	100	LF	\$50.00	\$5,000.00
630-1-19-3	CONDUIT, 3" HOT DIPPED GALVANIZED (HDG) JACK AND BORE UNDER RAIL ROAD TRACKS	200	LF	\$100.00	\$20,000.00
630-1-19-4	CONDUIT, 4" HOT DIPPED GALVANIZED (HDG) JACK AND BORE UNDER RAIL ROAD TRACKS	200	LF	\$120.00	\$24,000.00
630-1-30-5	1.25" FIGURE 8 HDPE INNERDUCT AERIAL CONDUIT	200	LF	\$5.70	\$1,140.00
633-111-96	FIBER OPTIC CABLE, (FSM) 96-COUNT (AERIAL)	25000	LF	\$4.38	\$109,500.00
633-121-12	FIBER OPTIC CABLE, (FSM) 12-COUNT (UNDERGROUND)	1E+05	LF	\$1.56	\$174,720.00
633-121-24	FIBER OPTIC CABLE, (FSM) 24-COUNT (UNDERGROUND)	25000	LF	\$1.74	\$43,500.00
633-121-48	FIBER OPTIC CABLE, (FSM) 48-COUNT (UNDERGROUND)	25000	LF	\$2.10	\$52,500.00
633-121-96	FIBER OPTIC CABLE, (FSM) 96-COUNT (UNDERGROUND)	25000	LF	\$2.76	\$69,000.00
633-221-12	FIBER OPTIC CABLE, 12-COUNT FURNISH ONLY	500	LF	\$0.42	\$210.00
633-221-24	FIBER OPTIC CABLE - 24 COUNT- FURNISH ONLY	500	LF	\$0.54	\$270.00
633-221-48	FIBER OPTIC CABLE - 48 COUNT- FURNISH ONLY	500	LF	\$0.78	\$390.00
633-221-96	FIBER OPTIC CABLE, 96-COUNT FURNISH ONLY	500	LF	\$1.20	\$600.00
633-311-12	FIBER OPTIC CABLE, 12-COUNT (AERIAL), INSTALL	6000	LF	\$1.02	\$6,120.00
633-311-24	FIBER OPTIC CABLE, 24-COUNT (AERIAL), INSTALL	6000	LF	\$1.02	\$6,120.00
633-311-48	FIBER OPTIC CABLE, 48-COUNT (AERIAL), INSTALL	6000	LF	\$1.02	\$6,120.00
633-311-96	FIBER OPTIC CABLE, 96-COUNT (AERIAL), INSTALL	6000	LF	\$1.02	\$6,120.00
633-321-12	FIBER OPTIC CABLE, 12-COUNT (UNDERGROUND), INSTALL ONLY	6000	LF	\$0.90	\$5,400.00
633-321-24	FIBER OPTIC CABLE, 24-COUNT (UNDERGROUND), INSTALL ONLY	6000	LF	\$0.90	\$5,400.00
633-321-48	FIBER OPTIC CABLE, 48-COUNT (UNDERGROUND), INSTALL ONLY	6000	LF	\$0.90	\$5,400.00
633-321-96	FIBER OPTIC CABLE, 96-COUNT (UNDERGROUND), INSTALL ONLY	6000	LF	\$0.90	\$5,400.00

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633-421-12	FIBER OPTIC CABLE, (FSM) 12-COUNT DIRECT BURY IN SAWCUT	1000	LF	\$7.20	\$7,200.00
633-421-24	FIBER OPTIC CABLE, (FSM) 24-COUNT DIRECT BURY IN SAWCUT	1000	LF	\$7.62	\$7,620.00
633-421-48	FIBER OPTIC CABLE, (FSM) 48-COUNT DIRECT BURY IN SAWCUT	1000	LF	\$8.10	\$8,100.00
633-7-12	TERMINATION, 12-COUNT FIBER	50	EA	\$1,320.00	\$66,000.00
633-7-18	TERMINATION, 18-COUNT FIBER	5	EA	\$1,740.00	\$8,700.00
633-7-24	TERMINATION, 24-COUNT FIBER	10	EA	\$2,100.00	\$21,000.00
633-7-36	TERMINATION, 36-COUNT FIBER	5	EA	\$3,234.00	\$16,170.00
633-7-48	TERMINATION, 48-COUNT FIBER	30	EA	\$4,062.00	\$121,860.00
633-7-6	TERMINATION, 6-COUNT FIBER	10	EA	\$834.00	\$8,340.00
633-7-96	TERMINATION, 96-COUNT FIBER	5	EA	\$8,274.00	\$41,370.00
633-9-12	SPLICE, FIBER OPTIC FUSION (12-COUNT)	50	EA	\$1,170.00	\$58,500.00
633-9-18	SPLICE, FIBER OPTIC FUSION (18-COUNT)	5	EA	\$1,374.00	\$6,870.00
633-9-24	SPLICE, FIBER OPTIC FUSION (24-COUNT)	50	EA	\$1,614.00	\$80,700.00
633-9-36	SPLICE, FIBER OPTIC FUSION (36-COUNT)	5	EA	\$1,914.00	\$9,570.00
633-9-48	SPLICE, FIBER OPTIC FUSION (48-COUNT)	50	EA	\$2,334.00	\$116,700.00
633-9-6	SPLICE, FIBER OPTIC FUSION (6-COUNT)	5	EA	\$1,014.00	\$5,070.00
633-9-96	SPLICE, FIBER OPTIC FUSION (96-COUNT)	4	EA	\$3,954.00	\$15,816.00
633-9-30	SPLICE, FIBER OPTIC FUSION (30-COUNT)	10	EA	\$2,274.00	\$22,740.00
633-9-54	SPLICE, FIBER OPTIC FUSION (54-COUNT)	10	EA	\$2,520.00	\$25,200.00
634-4-104	1/4" SPAN WIRE ASSEMBLY FOR COMMUNICATION SPAN WIRE ASSEMBLY 3/8" HIGH YIELD (SPAN LENGTH	25000	LF	\$1.50	\$37,500.00
634-4-113-1A-HY	0' - 250')	1	PI	\$2,500.00	\$2,500.00
634-4-113-1B-HY	SPAN WIRE ASSEMBLY 3/8" HIGH YIELD (SPAN LENGTH 251' - 350')	1	PI	\$2,500.00	\$2,500.00
634-4-113-1C-HY	SPAN WIRE ASSEMBLY 3/8" HIGH YIELD (SPAN LENGTH 351' - 450')	1	PI	\$2,500.00	\$2,500.00
634-4-113-1D-HY	SPAN WIRE ASSEMBLY 3/8" HIGH YIELD (SPAN LENGTH 451' - 550')	1	PI	\$3,000.00	\$3,000.00
634-4-113-1F-HY	SPAN WIRE ASSEMBLY 3/8 HIGH YIELD (SPAN LENGTH 651' - 750')	1	PI	\$3,000.00	\$3,000.00
634-4-113-1G	SPAN WIRE ASSEMBLY (3/8") (SPAN LENGTH 751' - Greater)	1	PI	\$4,000.00	\$4,000.00

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634-4-113-1G-HY	SPAN WIRE ASSEMBLY (3/8") (SPAN LENGTH 751' - Greater)	1	PI	\$4,000.00	\$4,000.00
634-4-113-2A	SPAN WIRE ASSEMBLY (7/16") (SPAN LENGTH 0' - 250')	1	PI	\$3,700.00	\$3,700.00
634-4-113-2B	SPAN WIRE ASSEMBLY (7/16") (SPAN LENGTH: 251' - 350')	1	PI	\$3,700.00	\$3,700.00
634-4-113-2G	SPAN WIRE ASSEMBLY (7/16") (SPAN LENGTH 751' - Greater)	1	PI	\$5,000.00	\$5,000.00
634-4-113-3A	SPAN WIRE ASSEMBLY (1/2") (SPAN LENGTH 0' - 250')	1	PI	\$3,700.00	\$3,700.00
634-4-113-3B	SPAN WIRE ASSEMBLY (1/2" OR LARGER) (SPAN LENGTH 251' - 350')	1	PI	\$3,700.00	\$3,700.00
634-4-113-3C	SPAN WIRE ASSEMBLY (1/2" OR LARGER) (SPAN LENGTH 351' - 450')	1	PI	\$3,700.00	\$3,700.00
634-4-113-3D	SPAN WIRE ASSEMBLY (1/2" OR LARGER) (SPAN LENGTH 451' - 550')	2	PI	\$4,500.00	\$9,000.00
634-4-113-3E	SPAN WIRE ASSEMBLY (1/2" OR LARGER) (SPAN LENGTH 551' - 650')	1	PI	\$4,500.00	\$4,500.00
634-4-113-3F	SPAN WIRE ASSEMBLY (1/2" OR LARGER) (SPAN LENGTH 651' - 750')	1	PI	\$4,500.00	\$4,500.00
634-4-113-3G	SPAN WIRE ASSEMBLY (1/2" OR LARGER) (SPAN LENGTH 751' - Greater)	1	PI	\$600.00	\$600.00
634-4-113-4A	SPAN WIRE ASSEMBLY (5/8") (SPAN LENGTH 0' - 250')	1	PI	\$2,500.00	\$2,500.00
634-4-113-4B	SPAN WIRE ASSEMBLY (5/8") (SPAN LENGTH: 251' - 350')	1	PI	\$2,500.00	\$2,500.00
634-4-113-4C	SPAN WIRE ASSEMBLY (5/8") (SPAN LENGTH: 351' - 450')	1	PI	\$2,500.00	\$2,500.00
634-4-113-4D	SPAN WIRE ASSEMBLY (5/8") (SPAN LENGTH: 451' - 550')	1	PI	\$3,000.00	\$3,000.00
634-4-113-4E	SPAN WIRE ASSEMBLY (5/8") (SPAN LENGTH: 551' - 650')	1	PI	\$4,000.00	\$4,000.00
634-4-113-4F	SPAN WIRE ASSEMBLY (5/8") (SPAN LENGTH 651' - 750')	1	PI	\$4,000.00	\$4,000.00
634-4-113-4G	SPAN WIRE ASSEMBLY (5/8") (SPAN LENGTH 751' - Greater')	1	PI	\$5,000.00	\$5,000.00
634-4-113-5A	SPAN WIRE ASSEMBLY (3/4") (SPAN LENGTH 0' - 250')	1	PI	\$2,500.00	\$2,500.00
634-4-113-5B	SPAN WIRE ASSEMBLY (3/4") (SPAN LENGTH: 251' - 350')	1	PI	\$2,500.00	\$2,500.00

Bids received by: Charles W. Rich, P.E.
Bids recorded by: Jayne Canale, Technical Aide

PROJECT NAME: ANNUAL TRAFFIC SIGNAL CONTRACT
PROJECT NUMBER: 2012056
BID OPENING DATE: MARCH 13, 2012
CONTRACT DAYS: THROUGH OCTOBER 1, 2013

**HORSEPOWER ELECTRIC,
 INC.**

ITEM #	ITEM	QTY	UNITS	UNIT PRICE	AMOUNT
634-4-113-5C	SPAN WIRE ASSEMBLY (5/8") (SPAN LENGTH: 351' - 450')	1	PI	\$2,500.00	\$2,500.00
634-4-113-5D	SPAN WIRE ASSEMBLY (3/4") (SPAN LENGTH: 451' - 550')	1	PI	\$3,000.00	\$3,000.00
634-4-113-5E	SPAN WIRE ASSEMBLY (3/4") (SPAN LENGTH: 551' - 650')	1	PI	\$3,000.00	\$3,000.00
634-4-113-5F	SPAN WIRE ASSEMBLY (3/4") (SPAN LENGTH 651' - 750')	1	PI	\$4,000.00	\$4,000.00
634-4-113-5G	SPAN WIRE ASSEMBLY (3/4") (SPAN LENGTH 751' - Greater')	1	PI	\$5,000.00	\$5,000.00
635-1-15B-S	PULL BOX (17" x 30" x 12"D)SPECIAL-TRAFFIC LOAD BEARING HEAVY DUTY COVERS	2	EA	\$1,000.00	\$2,000.00
635-1-15C	PULL BOX, (17"X30"X18"D) FIBERGLASS, HEAVY DUTY COVERS	2	EA	\$200.00	\$400.00
635-1-15E	PULL BOX, STAINLESS STEEL CORROSION RESISTANT - WALL MOUNT	20	EA	\$1,670.00	\$33,400.00
641-2-15-40	PRESTRESSED CONCRETE POLE (40' TYPE P-V)	1	EA	\$4,620.00	\$4,620.00
641-2-18-50	PRESTRESSED CONCRETE POLE (50' TYPE P-VIII)	1	EA	\$5,730.00	\$5,730.00
641-2-19-52	PRESTRESSED CONCRETE POLE (52' TYPE P-CUSTOM DESIGN)	1	EA	\$6,150.00	\$6,150.00
641-2-19-54	PRESTRESSED CONCRETE POLE (54' TYPE P-CUSTOM DESIGN)	1	EA	\$6,250.00	\$6,250.00
641-2-19-56	PRESTRESSED CONCRETE POLE (56' TYPE P-CUSTOM DESIGN)	4	EA	\$6,350.00	\$25,400.00
641-2-19-70	PRESTRESSED CONCRETE POLE (70' UTILITY TYPE)	4	EA	\$6,185.00	\$24,740.00
649-1-14	STEEL STRAIN POLE (TYPE PS-VII)	1	EA	\$30,745.00	\$30,745.00
649-1-15	STEEL STRAIN POLE (TYPE PS-VIII)	1	EA	\$32,130.00	\$32,130.00
649-1-16	STEEL STRAIN POLE (TYPE PS- IX)	1	EA	\$32,815.00	\$32,815.00
649-1-17	STEEL STRAIN POLE (TYPE PS- X)	1	EA	\$35,660.00	\$35,660.00
649-1-19	STEEL STRAIN POLE (CUSTOM)	1	EA	\$40,000.00	\$40,000.00
649-31-106	MAST ARM ASSY D1-S21 36' W/LUM	6	EA	\$23,560.00	\$141,360.00
649-31-107	MAST ARM ASSY D3-S22 46' W/LUM	6	EA	\$26,845.00	\$161,070.00
649-31-108	MAST ARM ASSY D5-S23 60' W/LUM	8	EA	\$32,000.00	\$256,000.00
649-31-109	MAST ARM ASSY D6-S24 70' 6" W/LUM	2	EA	\$36,015.00	\$72,030.00
649-31-110	MAST ARM ASSY D1-D1 DBL 36'+36'	1	EA	\$28,585.00	\$28,585.00
649-31-111	MAST ARM ASSY D3-D1 DBL 36'+46'	1	EA	\$31,033.00	\$31,033.00
649-31-112	MAST ARM ASSY D5-D2 DBL 36'+ 60'	1	EA	\$38,340.00	\$38,340.00

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PROJECT NAME: ANNUAL TRAFFIC SIGNAL CONTRACT
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**HORSEPOWER ELECTRIC,
 INC.**

ITEM #	ITEM	QTY	UNITS	UNIT PRICE	AMOUNT
649-31-113	MAST ARM ASSY DBL D6-D2 70'6"+36'	1	EA	\$41,140.00	\$41,140.00
649-31-114	MAST ARM ASSY DBL D4-D4 46'+46'	1	EA	\$39,560.00	\$39,560.00
649-31-115	MAST ARM ASSY DBL D5-D4 60'+46'	1	EA	\$42,800.00	\$42,800.00
649-31-116	MAST ARM ASSY DBL D6-D4 70'6"+46'	1	EA	\$43,785.00	\$43,785.00
649-31-117	MAST ARM ASSY DBL D5-D5 60'+60'	1	EA	\$44,210.00	\$44,210.00
649-31-118	MAST ARM ASSY DBL D6-D5 70'6"+60'	1	EA	\$45,200.00	\$45,200.00
649-31-119	MAST ARM ASSY DBL D6-D6 70'6"+70'6"	1	EA	\$48,575.00	\$48,575.00
649-31-199-01	MAST ARM ASSY D1-D1 DBL 36'+36' W/LUM	1	EA	\$31,075.00	\$31,075.00
649-31-199-02	MAST ARM ASSY D3-D1 DBL 46'+36' W/LUM	1	EA	\$33,705.00	\$33,705.00
649-31-199-03	MAST ARM ASSY D4-D4 DBL 46'+46' W/LUM	1	EA	\$42,450.00	\$42,450.00
649-31-199-04	MAST ARM ASSY D5-D2 DBL 60'+36' W/LUM	1	EA	\$41,215.00	\$41,215.00
649-31-199-05	MAST ARM ASSY D5-D5 DBL 60'+60' W/LUM	1	EA	\$47,730.00	\$47,730.00
649-31-199-06	MAST ARM ASSY D6-D2 DBL 70'6" + 36' W/LUM	1	EA	\$44,660.00	\$44,660.00
649-31-199-07	MAST ARM ASSY D6-D4 DBL 70'6" + 46' W/LUM	1	EA	\$47,305.00	\$47,305.00
649-31-199-08	MAST ARM ASSY D6-D5 DBL 70'6" + 60' W/LUM	1	EA	\$48,715.00	\$48,715.00
649-31-199-09	MAST ARM ASSY D7-D2 SPEC	1	EA	\$44,230.00	\$44,230.00
649-31-199-10	MAST ARM ASSY D7-D4 SPEC	1	EA	\$46,865.00	\$46,865.00
649-31-199-11	MAST ARM ASSY D7-D5 SPEC	1	EA	\$48,275.00	\$48,275.00
649-31-199-12	MAST ARM ASSY D7-D6 SPEC	1	EA	\$50,048.00	\$50,048.00
649-31-199-13	MAST ARM ASSY D7-D2 SPEC W/LUM	1	EA	\$48,560.00	\$48,560.00
649-31-199-14	MAST ARM ASSY D7-D4 SPEC W/LUM	1	EA	\$51,205.00	\$51,205.00
649-31-199-15	MAST ARM ASSY D7-D5 SPEC W/LUM	1	EA	\$52,735.00	\$52,735.00
649-31-199-16	MAST ARM ASSY D7-D6 SPEC W/LUM	1	EA	\$54,400.00	\$54,400.00
649-31-199-17	MAST ARM ASSY >78' SPEC	1	EA	\$64,000.00	\$64,000.00
649-31-199-19	MAST ARM ASSY >78' SPEC W/LUM	1	EA	\$66,000.00	\$66,000.00
649-32-101	MAST ARM ASSY D1-S1: 36' FURNISH ONLY	1	EA	\$13,240.00	\$13,240.00
649-32-102	MAST ARM ASSY D3-S2: 46' FURNISH ONLY	1	EA	\$16,040.00	\$16,040.00
649-32-103	MAST ARM ASSY D5-S3 60' FURNISH ONLY	1	EA	\$21,515.00	\$21,515.00
649-32-104	MAST ARM ASSY D6-S4 70' 6" FURNISH ONLY	1	EA	\$24,110.00	\$24,110.00
649-32-105	MAST ARM ASSY D7-S6 78' FURNISH ONLY	1	EA	\$25,250.00	\$25,250.00
649-32-106	MAST ARM ASSY D1-S21 36' W/LUM FURNISH ONLY	1	EA	\$15,560.00	\$15,560.00
649-32-107	MAST ARM ASSY D3-S22 46' W/LUM FURNISH ONLY	1	EA	\$18,850.00	\$18,850.00
649-32-108	MAST ARM ASSY D5-S23 60' W/LUM FURNISH ONLY	1	EA	\$24,000.00	\$24,000.00
649-32-109	MAST ARM ASSY D6-S24 70' 6" W/LUM FURNISH ONLY	1	EA	\$28,015.00	\$28,015.00
649-32-110	MAST ARM ASSY D1-D1 DBL 36'+36' FURNISH ONLY	1	EA	\$20,585.00	\$20,585.00
649-32-111	MAST ARM ASSY D3-D1 DBL 36'+46' FURNISH ONLY	1	EA	\$23,035.00	\$23,035.00

Bids received by: Charles W. Rich, P.E.

Bids recorded by: Jayne Canale, Technical Aide

PROJECT NAME: ANNUAL TRAFFIC SIGNAL CONTRACT
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**HORSEPOWER ELECTRIC,
 INC.**

ITEM #	ITEM	QTY	UNITS	UNIT PRICE	AMOUNT
649-32-112	MAST ARM ASSY D5-D2 DBL 36"+ 60' FURNISH ONLY	1	EA	\$30,335.00	\$30,335.00
649-32-113	MAST ARM ASSY DBL D6-D2 36'+70'6" FURNISH ONLY	1	EA	\$33,140.00	\$33,140.00
649-32-114	MAST ARM ASSY DBL D4-D4 46'+46' FURNISH ONLY	1	EA	\$31,570.00	\$31,570.00
649-32-115	MAST ARM ASSY DBL D5-D4 60'+46' FURNISH ONLY	1	EA	\$34,800.00	\$34,800.00
649-32-116	MAST ARM ASSY DBL D6-D4 46'+70'6" FURNISH ONLY	1	EA	\$35,785.00	\$35,785.00
649-32-117	MAST ARM ASSY DBL D5-D5 60'+60' FURNISH ONLY	1	EA	\$36,210.00	\$36,210.00
649-32-118	MAST ARM ASSY DBL D6-D5 60'+70'6" FURNISH ONLY	1	EA	\$37,200.00	\$37,200.00
649-32-119	MAST ARM ASSY DBL D6-D6 70'6"+70'6" FURNISH ONLY	1	EA	\$40,575.00	\$40,575.00
649-32-199-01	MAST ARM ASSY D7-D2 SPEC FURNISH ONLY	1	EA	\$23,075.00	\$23,075.00
649-32-199-02	MAST ARM ASSY D7-D4 SPEC FURNISH ONLY	1	EA	\$25,705.00	\$25,705.00
649-32-199-03	MAST ARM ASSY D7-D5 SPEC FURNISH ONLY	1	EA	\$34,450.00	\$34,450.00
649-32-199-04	MAST ARM ASSY D7-D6 SPEC FURNISH ONLY	1	EA	\$33,225.00	\$33,225.00
649-32-199-05	MAST ARM ASSY D1-D1 DBL 36'+36' W/LUM FURNISH ONLY	1	EA	\$39,750.00	\$39,750.00
649-32-199-06	MAST ARM ASSY D3-D1 DBL 46'+36' W/LUM FURNISH ONLY	1	EA	\$36,665.00	\$36,665.00
649-32-199-07	MAST ARM ASSY D4-D4 DBL 46'+46' W/LUM FURNISH ONLY	1	EA	\$39,305.00	\$39,305.00
649-32-199-08	MAST ARM ASSY D5-D2 DBL 60'+36' W/LUM FURNISH ONLY	1	EA	\$40,715.00	\$40,715.00
649-32-199-09	MAST ARM ASSY D5-D5 DBL 60'+60' W/LUM FURNISH ONLY	1	EA	\$36,220.00	\$36,220.00
649-32-199-10	MAST ARM ASSY D6-D2 DBL 70'6" + 36' W/LUM FURNISH ONLY	1	EA	\$38,865.00	\$38,865.00
649-32-199-11	MAST ARM ASSY D6-D4 DBL 70'6"+46' W/LUM FURNISH ONLY	1	EA	\$40,275.00	\$40,275.00
649-32-199-12	MAST ARM ASSY D6-D5 DBL 70'6" + 60' W/LUM FURNISH ONLY	1	EA	\$42,048.00	\$42,048.00
649-32-199-13	MAST ARM ASSY D7-D2 SPEC W/LUM FURNISH ONLY	1	EA	\$40,560.00	\$40,560.00
649-32-199-14	MAST ARM ASSY D7-D4 SPEC W/LUM FURNISH ONLY	1	EA	\$43,205.00	\$43,205.00
649-32-199-15	MAST ARM ASSY D7-D5 SPEC W/LUM FURNISH ONLY	1	EA	\$44,735.00	\$44,735.00
649-32-199-16	MAST ARM ASSY D7-D6 SPEC W/LUM FURNISH ONLY	1	EA	\$46,400.00	\$46,400.00
649-33-103	MAST ARM ASSY D5-S3 60' INST ONLY	4	EA	\$18,560.00	\$74,240.00
649-33-106	MAST ARM ASSY D1-D21 36' W/LUM INST ONLY	1	EA	\$18,560.00	\$18,560.00
649-33-107	MAST ARM ASSY D3-S22 46' W/LUM INST ONLY	1	EA	\$18,560.00	\$18,560.00
649-33-108	MAST ARM ASSY D5-S23 60' W/LUM INST ONLY	1	EA	\$18,560.00	\$18,560.00

Bids received by: Charles W. Rich, P.E.

Bids recorded by: Jayne Canale, Technical Aide

PROJECT NAME: ANNUAL TRAFFIC SIGNAL CONTRACT
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**HORSEPOWER ELECTRIC,
 INC.**

ITEM #	ITEM	QTY	UNITS	UNIT PRICE	AMOUNT
649-33-109	MAST ARM ASSY D6-S24 70' 6" W/LUM INST ONLY	1	EA	\$18,560.00	\$18,560.00
649-33-110	MAST ARM ASSY D1-S1 DBL 36'+36' INST ONLY	1	EA	\$18,560.00	\$18,560.00
649-33-111	MAST ARM ASSY D3-D1 DBL 36'+46' INST ONLY	1	EA	\$18,560.00	\$18,560.00
649-33-112	MAST ARM ASSY D5-D2 DBL 36"+ 60' INST ONLY	1	EA	\$18,560.00	\$18,560.00
649-33-113	MAST ARM ASSY DBL D6-D2 36'+70'6" INST ONLY	1	EA	\$18,560.00	\$18,560.00
649-33-114	MAST ARM ASSY DBL D4-D4 46'+46' INST ONLY	1	EA	\$18,560.00	\$18,560.00
649-33-115	MAST ARM ASSY DBL D5-D4 60'+46' INST ONLY	1	EA	\$18,560.00	\$18,560.00
649-33-116	MAST ARM ASSY DBL D6-D4 70'6"+46' INST ONLY	1	EA	\$18,560.00	\$18,560.00
649-33-117	MAST ARM ASSY DBL D5-D5 60'+60' INST ONLY	1	EA	\$18,560.00	\$18,560.00
649-33-118	MAST ARM ASSY DBL D6-D5 70'6"+60' INST ONLY	1	EA	\$18,560.00	\$18,560.00
649-33-119	MAST ARM ASSY DBL D6-D6 70'6"+70'6" INST ONLY	1	EA	\$18,560.00	\$18,560.00
649-33-199-01	MAST ARM ASSY D7-S6 78' INST ONLY	1	EA	\$18,560.00	\$18,560.00
649-33-199-1	MAST ARM ASSY D7-D2 SPEC INST ONLY	1	EA	\$18,560.00	\$18,560.00
649-33-199-10	MAST ARM ASSY D5-D5 DBL 60'+60' W/LUM INST ONLY	1	EA	\$18,560.00	\$18,560.00
649-33-199-11	MAST ARM ASSY D6-D2 DBL 70'6" + 36' W/LUM INST ONLY	1	EA	\$18,560.00	\$18,560.00
649-33-199-12	MAST ARM ASSY D6-D4 DBL 70'6"+46' W/LUM INST ONLY	1	EA	\$18,560.00	\$18,560.00
649-33-199-13	MAST ARM ASSY D6-D5 DBL 70'6" + 60' W/LUM INST ONLY	1	EA	\$18,560.00	\$18,560.00
649-33-199-14	MAST ARM ASSY D7-D2 SPEC W/LUM INST ONLY	1	EA	\$18,560.00	\$18,560.00
649-33-199-15	MAST ARM ASSY D7-D4 SPEC W/LUM INST ONLY	1	EA	\$18,560.00	\$18,560.00
649-33-199-16	MAST ARM ASSY D7-D5 SPEC W/LUM INST ONLY	1	EA	\$18,560.00	\$18,560.00
649-33-199-17	MAST ARM ASSY D7-D6 SPEC W/LUM INST ONLY	1	EA	\$18,560.00	\$18,560.00
649-33-199-2	MAST ARM ASSY D7-D4 SPEC INST ONLY	1	EA	\$18,560.00	\$18,560.00
649-33-199-3	MAST ARM ASSY D7-D5 SPEC INST ONLY	1	EA	\$18,560.00	\$18,560.00
649-33-199-4	MAST ARM ASSY D7-D6 SPEC INST ONLY	1	EA	\$18,560.00	\$18,560.00
649-33-199-5	MAST ARM ASSY >78' SPEC INST ONLY	1	EA	\$18,560.00	\$18,560.00
649-33-199-6	MAST ARM ASSY D1-D1 DBL 36'+36' W/LUM INST ONLY	1	EA	\$22,000.00	\$22,000.00
649-33-199-7	MAST ARM ASSY D3-D1 DBL 46'+36' W/LUM INST ONLY	1	EA	\$22,000.00	\$22,000.00
649-33-199-8	MAST ARM ASSY D4-D4 DBL 46'+46' W/LUM INST ONLY	1	EA	\$22,000.00	\$22,000.00
649-33-199-9	MAST ARM ASSY D5-D2 DBL 60'+36' W/LUM INST ONLY	1	EA	\$22,000.00	\$22,000.00
650-51-122	TRAFFIC SIGNAL HEAD LIGHT WEIGHT (1-SECTION, 2-WAY)	4	AS	\$1,250.00	\$5,000.00 *
650-51-131	TRAFFIC SIGNAL HEAD ALUMINUM (1-SECTION, 3-WAY)	4	AS	\$1,580.00	\$6,320.00
650-51-132	TRAFFIC SIGNAL HEAD LIGHT WEIGHT (1-SECTION, 3-WAY)	4	AS	\$1,600.00	\$6,400.00

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Bids recorded by: Jayne Canale, Technical Aide

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**HORSEPOWER ELECTRIC,
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ITEM #	ITEM	QTY	UNITS	UNIT PRICE	AMOUNT
650-51-141	TRAFFIC SIGNAL HEAD ALUMINUM (1-SECTION, 4-WAY)	4	AS	\$2,500.00	\$10,000.00
650-51-142	TRAFFIC SIGNAL HEAD LIGHT WEIGHT (1-SECTION, 4-WAY)	4	AS	\$2,500.00	\$10,000.00
650-51-331	TRAFFIC SIGNAL HEAD ALUMINUM (3-SECTION, 3-WAY)	2	AS	\$3,000.00	\$6,000.00
650-51-332	TRAFFIC SIGNAL HEAD LIGHT WEIGHT (3-SECTION, 3-WAY)	2	AS	\$3,000.00	\$6,000.00
650-51-341	TRAFFIC SIGNAL HEAD ALUMINUM (3-SECTION, 4-WAY)	2	AS	\$3,800.00	\$7,600.00
650-51-342	TRAFFIC SIGNAL HEAD LIGHT WEIGHT (3-SECTION, 4-WAY)	2	AS	\$3,800.00	\$7,600.00
650-53-411	TRAFFIC SIGNAL HEAD ALUMINUM (4-SECTION, 1-WAY) INSTALL ONLY	20	AS	\$625.00	\$12,500.00
659-120-1	SIGNAL HEAD AUX. LED MODULE GREEN (FURNISH & INSTALL)	40	EA	\$200.00	\$8,000.00
659-120-2	SIGNAL HEAD AUX. LED MODULE RED (FURNISH & INSTALL)	40	EA	\$175.00	\$7,000.00 *
659-120-3	SIGNAL HEAD AUX. LED MODULE YELLOW (FURNISH & INSTALL)	40	EA	\$185.00	\$7,400.00
659-120-4	SIGNAL HEAD AUX. LED MODULE GREEN ARROW (FURNISH & INSTALL)	20	EA	\$180.00	\$3,600.00
659-120-5	SIGNAL HEAD AUX. LED MODULE RED ARROW (FURNISH & INSTALL)	20	EA	\$170.00	\$3,400.00
659-120-6	SIGNAL HEAD AUX. LED MODULE YELLOW ARROW (FURNISH & INSTALL)	20	EA	\$170.00	\$3,400.00
659-121-1	MAST ARM SIGNAL HANGER (1-WAY) (FURNISH & INSTALL)	2	EA	\$450.00	\$900.00
659-121-2	MAST ARM SIGNAL HANGER (2-WAY) (FURNISH & INSTALL)	1	EA	\$700.00	\$700.00
659-320-1	SIGNAL HEAD AUX. LED MODULE FOR (1) SIGNAL FACE (INSTALL ONLY)	10	EA	\$100.00	\$1,000.00
659-320-2	SIGNAL HEAD AUX. LED MODULES FOR (2) SIGNAL FACES (INSTALL ONLY)	140	EA	\$105.00	\$14,700.00
659-320-3	SIGNAL HEAD AUX. LED MODULES FOR (3) SIGNAL FACES (INSTALL ONLY)	10	EA	\$110.00	\$1,100.00
659-320-4	SIGNAL HEAD AUX. LED MODULES FOR (4) SIGNAL FACES (INSTALL ONLY)	10	EA	\$115.00	\$1,150.00

Bids received by: Charles W. Rich, P.E.
Bids recorded by: Jayne Canale, Technical Aide

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**HORSEPOWER ELECTRIC,
 INC.**

ITEM #	ITEM	QTY	UNITS	UNIT PRICE	AMOUNT
659-320-5	SIGNAL HEAD AUX. LED MODULES FOR (5) SIGNAL FACES (INSTALL ONLY)	10	EA	\$120.00	\$1,200.00
668-33	NAZTEC CABINET (TYPE K)(DETECTOR CABINET)	1	EA	\$2,000.00	\$2,000.00
668-34	NAZTEC CABINET (TYPE M) WITH AIR CONDITIONING (INSTALL ONLY)	1	EA	\$2,200.00	\$2,200.00
670-4-3	FLASHING BEACON CONTROLLER ASSEMBLY - INSTALL ONLY	1	EA	\$2,500.00	\$2,500.00
676-110-61	HUB SITE CABINET, 24" W/CONCRETE BASE	2	EA	\$12,000.00	\$24,000.00
676-110-62	HUB SITE CABINET, 48" W/CONCRETE BASE	4	EA	\$18,000.00	\$72,000.00
676-210-61	HUB SITE CABINET, 24", FURNISH ONLY	10	EA	\$8,000.00	\$80,000.00
676-210-62	HUB SITE CABINET, 48", FURNISH ONLY	4	EA	\$12,000.00	\$48,000.00
677-10	BASE MOUNT CABINET (FOUNDATION) 3' X 3'	2	EA	\$4,000.00	\$8,000.00
677-11	BASE MOUNT CABINET (FOUNDATION) 3' X 5'	2	EA	\$6,000.00	\$12,000.00
681-200	PATCH CABLE, ST:ST FIBER OPTIC SM, DUAL ZIP, 2m CERAMIC	50	EA	\$29.70	\$1,485.00
681-201	PATCH CABLE, ST:MTRJ FIBER OPTIC SM, DUAL ZIP, 2m CERAMIC	50	EA	\$50.70	\$2,535.00
681-203	PATCH CABLE, ST:LC FIBER OPTIC SM, DUAL ZIP, 2m CERAMIC	50	EA	\$31.50	\$1,575.00
681-204	PATCH CABLE, ST:ST FIBER OPTIC SM, DUAL ZIP, 1m CERAMIC	50	EA	\$29.70	\$1,485.00
681-205	PATCH CABLE, ST:MTRJ FIBER OPTIC SM, DUAL ZIP, 1m CERAMIC	50	EA	\$50.70	\$2,535.00
681-207	PATCH CABLE, ST:LC FIBER OPTIC SM, DUAL ZIP, 1m CERAMIC	50	EA	\$31.50	\$1,575.00
681-208	PATCH CABLE, ST:ST FIBER OPTIC SM, 1 FIBER, 2m CERAMIC	50	EA	\$30.54	\$1,527.00
681-209	PATCH CABLE, ST:ST FIBER OPTIC SM, 1 FIBER, 1m CERAMIC	50	EA	\$30.54	\$1,527.00
681-210	COPPER PATCH CABLE, CAT 5E, 568A, 1 M GRAY, STD	20	EA	\$2.10	\$42.00
681-211	COPPER PATCH CABLE, CAT 5E, 568B, 1 M, YELLOW, CROSS-OVER	100	EA	\$3.60	\$360.00
685-165	PTZ CAMERA VICON COMPLETE	10	EA	\$6,474.00	\$64,740.00
685-261	RSG2100 INDUSTRIALLY HARDENED ETHERNET SWITCH (FURNISH ONLY)	2	EA	\$10,170.00	\$20,340.00
685-262-2	RS900 9-PORT ETHERNET SWITCH WITH 2 FIBER	10	EA	\$2,274.00	\$22,740.00

Bids received by: Charles W. Rich, P.E.
Bids recorded by: Jayne Canale, Technical Aide

PROJECT NAME: ANNUAL TRAFFIC SIGNAL CONTRACT
PROJECT NUMBER: 2012056
BID OPENING DATE: MARCH 13, 2012
CONTRACT DAYS: THROUGH OCTOBER 1, 2013

**HORSEPOWER ELECTRIC,
 INC.**

ITEM #	ITEM	QTY	UNITS	UNIT PRICE	AMOUNT
685-262-3	RS900 9-PORT ETHERNET SWITCH WITH 3 FIBER	10	EA	\$2,334.00	\$23,340.00
685-286	2 POST OPEN FRAME RACK BLACK FINISH 45U	1	EA	\$810.00	\$810.00
690-55	REMOVE PERMANENT MOUNTED SIGNS (VMS)	1	EA	\$3,000.00	\$3,000.00
690-91	REMOVE EXISTING SIGNAL INTERCONNECT CABLE				
	AERIAL (INCLUDING SPANWIRE)	2000	LF	\$1.00	\$2,000.00
699-1-1 A LED	INTERNALLY ILLUMINATED SIGN (6') LED	1	EA	\$3,500.00	\$3,500.00
699-1-1 B LED	INTERNALLY ILLUMINATED SIGN (6') INSTALL ONLY LED	1	EA	\$1,500.00	\$1,500.00
699-1-1 C LED	INTERNALLY ILLUMINATED SIGN (8') LED	1	EA	\$3,500.00	\$3,500.00
699-1-1 D LED	INTERNALLY ILLUMINATED SIGN (8') INSTALL ONLY LED	1	EA	\$1,500.00	\$1,500.00
710-11	REMOVE PAVEMENT MARKINGS (PAINT) HYDROBLAST				
	SQFT	40	SF	\$20.00	\$800.00
711-7	REMOVE PAVEMENT MARKINGS (THERMOPLASTIC)				
	HYDROBLAST SQFT	80	SF	\$20.00	\$1,600.00
715-1-6	REMOVE CONDUCTOR	350	LF	\$1.00	\$350.00
715-1-11	CONDUCTOR (No. 10 or smaller)	400	LF	\$2.00	\$800.00
715-1-14	CONDUCTOR (No. 1 to No. 0)	400	LF	\$6.00	\$2,400.00
715-1-15	CONDUCTOR (No. 1/0 to No. 3/0)	400	LF	\$12.00	\$4,800.00
715-2-12 -40-3	CONDUIT UNDERPVT (PVC SCH 40) (3")	400	LF	\$30.00	\$12,000.00
715-4-111	STANDARD LAMPPOST, STANDARD FOUNDATION (40'				
	MOUNTING HEIGHT)	2	LF	\$11,700.00	\$23,400.00
715-5-11 -B1	LUMINAIRE & BRACKET ARM ALUMINUM (12' w/84"rise)	3	EA	\$1,600.00	\$4,800.00
715-5-11 -C1	LUMINAIRE & BRACKET ARM ALUMINUM (15' w/84"rise)	3	EA	\$1,600.00	\$4,800.00
715-5-21-B	LUMINAIRE & BRACKET ARM ALUMINUM (12' w/36"rise)	3	EA	\$900.00	\$2,700.00
715-5-21-B1	LUMINAIRE & BRACKET ARM ALUMINUM (12' w/84"rise)	3	EA	\$900.00	\$2,700.00
715-5-21-C	LUMINAIRE & BRACKET ARM ALUMINUM (15' w/36"rise)	3	EA	\$900.00	\$2,700.00
715-5-21-C1	LUMINAIRE & BRACKET ARM ALUMINUM (15' w/84"rise)	3	EA	\$900.00	\$2,700.00
715-5-31-B	LUMINAIRE & BRACKET ARM ALUMINUM (12' w/36"rise)	3	EA	\$700.00	\$2,100.00
715-5-31-B1	LUMINAIRE & BRACKET ARM ALUMINUM (12' w/84"rise)	3	EA	\$700.00	\$2,100.00
715-5-31-C	LUMINAIRE & BRACKET ARM ALUMINUM (15' w/36"rise)	3	EA	\$700.00	\$2,100.00
715-5-31-C1	LUMINAIRE & BRACKET ARM ALUMINUM (15' w/84"rise)	2	EA	\$700.00	\$1,400.00
715-7-11	LOAD CENTER (SECONDARY VOLTAGE)	3	EA	\$10,500.00	\$31,500.00
715-10-2	LIGHT POLE FOUNDATION	5	EA	\$1,850.00	\$9,250.00
715-10-5	REMOVE LIGHT POLE FOUNDATION	5	EA	\$450.00	\$2,250.00
715-11-111-A	LUMINAIRE ROADWAY COBRA HEAD (150 WATT)	1	EA	\$750.00	\$750.00
715-11-111-B	LUMINAIRE ROADWAY COBRA HEAD (200 WATT)	10	EA	\$750.00	\$7,500.00

Bids received by: Charles W. Rich, P.E.
Bids recorded by: Jayne Canale, Technical Aide

PROJECT NAME: ANNUAL TRAFFIC SIGNAL CONTRACT
 PROJECT NUMBER: 2012056
 BID OPENING DATE: MARCH 13, 2012
 CONTRACT DAYS: THROUGH OCTOBER 1, 2013

HORSEPOWER ELECTRIC,
 INC.

ITEM #	ITEM	QTY	UNITS	UNIT PRICE	AMOUNT
715-11-111-D	LUMINAIRE ROADWAY COBRA HEAD (400 WATT)	5	EA	\$750.00	\$3,750.00
715-11-111-C	LUMINAIRE ROADWAY COBRA HEAD (250 WATT)	5	EA	\$750.00	\$3,750.00
715-11-112	LUMINAIRE (ROADWAY HIGH MAST)	5	EA	\$1,670.00	\$8,350.00
715-11-113	LUMINAIRE (ROADWAY POLE TOP)	5	EA	\$890.00	\$4,450.00
715-11-118	LUMINAIRE (ROADWAY FLOOD)	5	EA	\$890.00	\$4,450.00
715-11-500	LUMINAIRE ROADWAY (ALL TYPES)	5	EA	\$250.00	\$1,250.00
715-14-31	PULL BOX (ROADSIDE) (INSTALL ONLY)	5	EA	\$700.00	\$3,500.00
715-19-111	HIGH MAST LIGHT COMPLETE (80')	5	EA	\$40,000.00	\$200,000.00
715-19-600	LIGHT POLE COMPLETE HIGH MAST (all sizes)	1	EA	\$18,000.00	\$18,000.00
715-540-000	LIGHT POLE COMPLETE	5	EA	\$250.00	\$1,250.00
715-550-000	LIGHT POLE COMPLETE	5	EA	\$1,250.00	\$6,250.00
788-1-2	BI-DIRECTIONAL CONTACT CLOSURE TRANSCEIVER	8	PI	\$2,200.00	\$17,600.00
	TOTAL CONTINGENCY ITEMS	****	****	*****	\$6,718,316.00 *
	TOTAL BASE BID	****	****	*****	\$4,488,225.00
	GRAND TOTAL	****	****	*****	\$11,206,541.00 *

*Denotes corrected figure