

### Summary of Bids Received

**Project:** 2023 Signal Maintenance Contract  
**Section:** 23-00000-01-GM  
**Description:** Annual Traffic Signal Maintenance Contract  
**CPMS Pin:** B-01513  
**Let Date:** 8/16/2022

Bidder	Address	City, State, Zip	Bond	Bid Price	% Over/Under Eng. Estimate	\$ Over/Under Eng. Estimate
H&H Electric Co.	2830 Commerce Street	Franklin Park, IL 60131	Bid Bond	\$1,386,585.69	-19.02%	-\$325,759.31
Meade Inc.	625 Willowbrook Center Parkway	Willowbrook, IL 60527	Bid Bond	\$1,247,132.20	-27.17%	-\$465,212.80
Engineer's Estimate				\$1,712,345.00		

Design	_____	IDOT(2)	_____	Contract Bidder	_____	County Engineer	_____
Finance	_____	Bid Tab File	_____	Resident Eng.	_____	Mgr Capital Programming	_____
Construction	_____	Project File	_____	Request By Mail	_____		

**2023 TRAFFIC SIGNAL MAINTENANCE CONTRACT, SECTION 23-00000-01-GM, BID TABULATION**

LETTING DATE 8/16/2022

ITEM NO.	DESCRIPTION	EST. QNTY.	UNIT	ENGINEER'S ESTIMATE		H&H ELECTRIC COMPANY		MEADE INC.	
				UNIT PRICE	TOTAL PRICE	UNIT PRICE	TOTAL PRICE	UNIT PRICE	TOTAL PRICE
				PRICE PER EQUIVALENT LOCATION UNIT PER MONTH:	\$300.00	PRICE PER EQUIVALENT LOCATION UNIT PER MONTH:	\$270.20	PRICE PER EQUIVALENT LOCATION UNIT PER MONTH:	\$263.83
				MULTIPLIED BY ELU's		MULTIPLIED BY ELU's		MULTIPLIED BY ELU's	
				=	\$81,000.00 /MO.	=	\$72,954.00 /MO.	=	\$71,234.10 /MO.
				FOR ROUTINE MAINTENANCE (A AND B PAY ITEMS)		FOR ROUTINE MAINTENANCE (A AND B PAY ITEMS)		FOR ROUTINE MAINTENANCE (A AND B PAY ITEMS)	
				\$81,000.00 X 12 MONTHS		\$72,954.00 X 12 MONTHS		\$71,234.10 X 12 MONTHS	
				=	<b>\$972,000.00</b>	=	<b>\$875,448.00</b>	=	<b>\$854,809.20</b>
				FOR ROUTINE MAINTENANCE FOR ENTIRE YEAR		FOR ROUTINE MAINTENANCE FOR ENTIRE YEAR		FOR ROUTINE MAINTENANCE FOR ENTIRE YEAR	
ITEM	DESCRIPTION	EQUIVALENT LOCATION UNITS		ITEM	EXTENSION DOLLARS PER MONTH	ITEM	EXTENSION DOLLARS PER MONTH	ITEM	EXTENSION DOLLARS PER MONTH
A-1	TRAFFIC SIGNAL LOCATION	210		A-1	\$63,000.00	A-1	\$56,742.00	A-1	\$55,404.30
A-2	TEMPORARY TRAFFIC SIGNAL LOCATION	0		A-2	\$0.00	A-2	\$0.00	A-2	\$0.00
A-3	FLASHING BEACON, OVERHEAD MOUNT, ONE OR MORE FACES	2		A-3	\$600.00	A-3	\$540.40	A-3	\$527.66
A-4	FLASHING BEACON, LOW MOUNT, ONE OR MORE FACES	6		A-4	\$1,800.00	A-4	\$1,621.20	A-4	\$1,582.98
A-5	VEHICLE COUNTING STATION	0.75		A-5	\$225.00	A-5	\$202.65	A-5	\$197.87
A-6	VIDEO COMMUNICATIONS CABINET, GIGABIT ETHERNET	9		A-6	\$2,700.00	A-6	\$2,431.80	A-6	\$2,374.47
A-7	DELETED	--		A-7	--	A-7	--	A-7	--
A-8	DELETED	--		A-8	--	A-8	--	A-8	--
A-9	HIGHWAY ADVISORY RADIO (HAR)	2.5		A-9	\$750.00	A-9	\$675.50	A-9	\$659.58
A10	REMOTE-CONTROLLED VIDEO SYSTEM	5.75		A10	\$1,725.00	A10	\$1,553.65	A10	\$1,517.02
B-1	STREET LIGHTING LOCATION	34		B-1	\$10,200.00	B-1	\$9,186.80	B-1	\$8,970.22
		TOTAL ELU's	270						

AB-1 HOURLY RATE FOR EXTRA WORK

120 HR \$100.00 \$12,000.00

\$109.47 \$13,136.40

\$100.00 \$12,000.00

SUBTOTAL FOR AB ITEMS: **\$ 12,000.00**

**\$ 13,136.40**

**\$ 12,000.00**

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				UNIT PRICE	TOTAL PRICE	UNIT PRICE	TOTAL PRICE	UNIT PRICE	TOTAL PRICE
AC-1	BUDGETARY ALLOWANCE FOR EXTRA WORK	SUBTOTAL FOR AC ITEMS:		\$	40,000.00	\$	40,000.00	\$	40,000.00
AD-1	KNOCKDOWNS	SUBTOTAL FOR AD ITEMS:		\$	175,000.00	\$	175,000.00	\$	175,000.00
<b>EQUIPMENT</b>									
AU-1	SIGNAL HEAD, LED, 1-SECTION, MOUNTING AS SPECIFIED	1	EA	\$250.00	\$250.00	\$0.01	\$0.01	\$1.00	\$1.00
AU-2	SIGNAL HEAD, LED, 3-SECTION, MOUNTING AS SPECIFIED	1	EA	\$750.00	\$750.00	\$0.01	\$0.01	\$1.00	\$1.00
AU-3	SIGNAL HEAD, LED, 4-SECTION, MOUNTING AS SPECIFIED	1	EA	\$850.00	\$850.00	\$0.01	\$0.01	\$1.00	\$1.00
AU-4	SIGNAL HEAD, LED, 5-SECTION, MOUNTING AS SPECIFIED	8	EA	\$1,100.00	\$8,800.00	\$0.01	\$0.08	\$1.00	\$8.00
AU-5	DELETED	0		\$0.00	\$0.00				
AU-6	PEDESTRIAN SIGNAL HEAD, LED, COUNTDOWN, MOUNTING AS SPECIFIED	1	EA	\$650.00	\$650.00	\$0.01	\$0.01	\$1.00	\$1.00
AU-7	TRAFFIC SIGNAL BACKPLATE	2	EA	\$125.00	\$250.00	\$0.01	\$0.02	\$100.00	\$200.00
AU-8	EMERGENCY VEHICLE PREEMPTION SYSTEM	1	EA	\$3,500.00	\$3,500.00	\$0.01	\$0.01	\$1.00	\$1.00
AU-9	FULL ACTUATED CONTROLLER, IN TYPE IV CABINET, NEMA-TS2	1	EA	\$13,000.00	\$13,000.00	\$0.01	\$0.01	\$100.00	\$100.00
AU-10	INSTALL EXISTING TRAFFIC SIGNAL CABINET	1	EA	\$750.00	\$750.00	\$0.01	\$0.01	\$1.00	\$1.00
AU-11	INSTALL EXISTING TRAFFIC SIGNAL CONTROLLER	2	EA	\$150.00	\$300.00	\$0.01	\$0.02	\$1.00	\$2.00
AU-12	FULL ACTUATED CONTROLLER	1	EA	\$3,500.00	\$3,500.00	\$0.01	\$0.01	\$100.00	\$100.00
AU-13	DELETED	0		\$0.00	\$0.00				
AU-14	UPGRADE EXISTING LOCAL CONTROLLER SOFTWARE	20	EA	\$150.00	\$3,000.00	\$0.01	\$0.20	\$100.00	\$2,000.00
AU-15	DETECTOR LOOP	500	LIN FT	\$25.00	\$12,500.00	\$16.55	\$8,275.00	\$5.00	\$2,500.00

**2023 TRAFFIC SIGNAL MAINTENANCE CONTRACT, SECTION 23-00000-01-GM, BID TABULATION**

**LETTING DATE 8/16/2022**

ITEM NO.	DESCRIPTION	EST. QNTY.	UNIT	ENGINEER'S ESTIMATE		H&H ELECTRIC COMPANY		MEADE INC.	
				UNIT PRICE	TOTAL PRICE	UNIT PRICE	TOTAL PRICE	UNIT PRICE	TOTAL PRICE
AU-16	PEDESTRIAN PUSH BUTTON	2	EA	\$400.00	\$800.00	\$0.01	\$0.02	\$1.00	\$2.00
AU-17	GALVANIZED STEEL UNDERGROUND CONDUIT, 2 INCH	100	LIN FT	\$20.00	\$2,000.00	\$0.01	\$1.00	\$1.00	\$100.00
AU-18	ELECTRIC CABLE IN CONDUIT, TRACER, NO. 14 1/C	1000	LIN FT	\$0.75	\$750.00	\$0.01	\$10.00	\$0.10	\$100.00
AU-19	ELECTRIC CABLE IN CONDUIT, NO. 14 2/C	1000	LIN FT	\$2.25	\$2,250.00	\$0.01	\$10.00	\$0.20	\$200.00
AU-20	ELECTRIC CABLE IN CONDUIT, NO. 14 3/C	100	LIN FT	\$2.50	\$250.00	\$0.01	\$1.00	\$0.30	\$30.00
AU-21	ELECTRIC CABLE IN CONDUIT, NO. 14 5/C	100	LIN FT	\$3.00	\$300.00	\$0.01	\$1.00	\$0.50	\$50.00
AU-22	ELECTRIC CABLE IN CONDUIT, NO. 14 7/C	100	LIN FT	\$3.50	\$350.00	\$0.01	\$1.00	\$0.70	\$70.00
AU-23	ELECTRIC CABLE IN CONDUIT, NO. 14 2/C, TWISTED, SHIELDED	100	LIN FT	\$3.00	\$300.00	\$0.01	\$1.00	\$0.75	\$75.00
AU-24	ELECTRIC CABLE IN CONDUIT, NO. 6 1/C	200	LIN FT	\$2.00	\$400.00	\$0.01	\$2.00	\$0.90	\$180.00
AU-25	ELECTRIC CABLE IN CONDUIT, NO. 10 2/C	100	LIN FT	\$2.00	\$200.00	\$0.01	\$1.00	\$0.40	\$40.00
AU-26	EMERGENCY VEHICLE PRIORITY SYSTEM LINE SENSOR CABLE, NO. 20 3/C	100	LIN FT	\$1.70	\$170.00	\$0.01	\$1.00	\$0.80	\$80.00
AU-27	ELECTRIC CABLE IN CONDUIT, COAXIAL	100	LIN FT	\$2.50	\$250.00	\$0.01	\$1.00	\$1.00	\$100.00
AU-28	ELECTRIC CABLE IN CONDUIT, NO. 18 3/C FOR VIDEO	100	LIN FT	\$2.00	\$200.00	\$0.01	\$1.00	\$1.00	\$100.00
AU-29	DELETED	0		\$0.00	\$0.00				
AU-30	DELETED	0		\$0.00	\$0.00				
AU-31	FIBER OPTIC CABLE IN CONDUIT, NO. 62.5/125, 36 FIBER (12 MULTIMODE AND 24 SINGLEMODE)	1000	LIN FT	\$6.75	\$6,750.00	\$0.01	\$10.00	\$1.00	\$1,000.00
AU-32	FIBER OPTIC CABLE IN CONDUIT, 24 SINGLEMODE	1000	LIN FT	\$6.00	\$6,000.00	\$0.01	\$10.00	\$1.00	\$1,000.00
AU-33	DELETED	0		\$0.00	\$0.00				
AU-34	SERVICE INSTALLATION, POLE MOUNT	5	EA	\$2,500.00	\$12,500.00	\$0.01	\$0.05	\$100.00	\$500.00

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				UNIT PRICE	TOTAL PRICE	UNIT PRICE	TOTAL PRICE	UNIT PRICE	TOTAL PRICE
AU-35	SERVICE INSTALLATION, GROUND MOUNT	2	EA	\$3,000.00	\$6,000.00	\$0.01	\$0.02	\$200.00	\$400.00
AU-36	CONCRETE FOUNDATION, TYPE A	8	LIN FT	\$75.00	\$600.00	\$0.01	\$0.08	\$1.00	\$8.00
AU-37	DELETED	0		\$0.00	\$0.00				
AU-38	DELETED	0		\$0.00	\$0.00				
AU-39	REBUILD EXISTING HANDHOLE	4	EA	\$750.00	\$3,000.00	\$1,259.87	\$5,039.48	\$100.00	\$400.00
AU-40	DRILL EXISTING HANDHOLE	2	EA	\$400.00	\$800.00	\$0.01	\$0.02	\$50.00	\$100.00
AU-41	DELETED	0		\$0.00	\$0.00				
AU-42	VIDEO DETECTION SYSTEM (COMPLETE INTERSECTION)	1	EA	\$22,500.00	\$22,500.00	\$0.01	\$0.01	\$100.00	\$100.00
AU-43	SPLICE FIBER OPTIC CABLE IN CABINET	50	EA	\$150.00	\$7,500.00	\$147.06	\$7,353.00	\$50.00	\$2,500.00
AU-44	TERMINATE FIBER IN CABINET	50	EA	\$150.00	\$7,500.00	\$182.36	\$9,118.00	\$50.00	\$2,500.00
AU-45	REMOTE-CONTROLLED VIDEO SYSTEM	5	EA	\$7,500.00	\$37,500.00	\$0.01	\$0.05	\$100.00	\$500.00
AU-46	LED INTERNALLY ILLUMINATED STREET NAME SIGN	4	EA	\$3,000.00	\$12,000.00	\$0.01	\$0.04	\$500.00	\$2,000.00
AU-47	DELETED	0		\$0.00	\$0.00				
AU-48	RELAMP EXISTING TRAFFIC SIGNAL WITH LED MODULES	12	EA	\$7,500.00	\$90,000.00	\$4,366.91	\$52,402.92	\$4,000.00	\$48,000.00
AU-49	OUTDOOR RATED NETWORK CABLE	750	LIN FT	\$2.50	\$1,875.00	\$0.01	\$7.50	\$1.00	\$750.00
AU-50	TRAFFIC SIGNAL SYSTEM GROUND	10	EA	\$7,500.00	\$75,000.00	\$3,068.45	\$30,684.50	\$1.00	\$10.00
AU-51	MODIFY EXISTING CONTROLLER CABINET	2	EA	\$1,000.00	\$2,000.00	\$0.01	\$0.02	\$1.00	\$2.00
AU-52	BATTERY	50	EA	\$350.00	\$17,500.00	\$468.54	\$23,427.00	\$330.00	\$16,500.00
AU-53	MALFUNCTION MANAGEMENT UNIT	5	EA	\$1,500.00	\$7,500.00	\$1,430.62	\$7,153.10	\$1,000.00	\$5,000.00
AU-54	PAINT POST	6	EA	\$500.00	\$3,000.00	\$0.01	\$0.06	\$400.00	\$2,400.00

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				UNIT PRICE	TOTAL PRICE	UNIT PRICE	TOTAL PRICE	UNIT PRICE	TOTAL PRICE
AU-55	PAINT SHROUD	6	EA	\$500.00	\$3,000.00	\$0.01	\$0.06	\$200.00	\$1,200.00
AU-56	PAINT BACKPLATE	20	EA	\$300.00	\$6,000.00	\$0.01	\$0.20	\$100.00	\$2,000.00
AU-57	PAINT MAST ARM	60	LIN FT	\$100.00	\$6,000.00	\$0.01	\$0.60	\$25.00	\$1,500.00
AU-58	INSTALL NEW UPS IN EXISTING UPS CABINET	10	EA	\$3,500.00	\$35,000.00	\$6,598.28	\$65,982.80	\$3,000.00	\$30,000.00
AU-59	CONVERT EXISTING ELECTRIC UTILITY SERVICE TO METERED SERVICE	75	EA	\$500.00	\$37,500.00	\$683.18	\$51,238.50	\$400.00	\$30,000.00
AU-60	REPLACE TRAFFIC SIGNAL CABINET TIP SWITCH	50	EA	\$300.00	\$15,000.00	\$333.46	\$16,673.00	\$200.00	\$10,000.00
AU-61	INSTALL EXISTING LED STREET NAME SIGN	8	EA	\$1,000.00	\$8,000.00	\$699.23	\$5,593.84	\$100.00	\$800.00
<b>SUBTOTAL FOR AU ITEMS:</b>					<b>\$ 486,345.00</b>		<b>\$ 283,001.27</b>		<b>\$ 165,213.00</b>

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				UNIT PRICE	TOTAL PRICE	UNIT PRICE	TOTAL PRICE	UNIT PRICE	TOTAL PRICE					
<b>TEMPORARY TRAFFIC SIGNAL INSTALLATION</b>														
AV-1	INSTALL TEMPORARY TRAFFIC SIGNAL, FOUR APPROACHES OR LESS	1	EA	\$25,000.00	\$25,000.00	\$0.01	\$0.01	\$100.00	\$100.00					
AV-2	REMOVE EXISTING TEMPORARY TRAFFIC SIGNAL, FOUR APPROACHES OR LESS	1	EA	\$2,000.00	\$2,000.00	\$0.01	\$0.01	\$10.00	\$10.00					
SUBTOTAL FOR AV ITEMS:				\$	27,000.00	\$	0.02	\$	110.00					
<b>TOTAL CONTRACT PRICE</b>					<b>TOTAL CONTRACT PRICE</b>					<b>TOTAL CONTRACT PRICE</b>				
ROUTINE MAINTENANCE:					\$	972,000.00	ROUTINE MAINTENANCE		\$	875,448.00	ROUTINE MAINTENANCE		\$	854,809.20
AB SUBTOTAL:					\$	12,000.00	AB SUBTOTAL		\$	13,136.40	AB SUBTOTAL		\$	12,000.00
BUDGET ALLOWANCE, ITEM AC:					\$	40,000.00	ITEM AC:		\$	40,000.00	ITEM AC:		\$	40,000.00
BUDGET ALLOWANCE, ITEM AD:					\$	175,000.00	ITEM AD:		\$	175,000.00	ITEM AD:		\$	175,000.00
AU SUBTOTAL:					\$	486,345.00	AU SUBTOTAL		\$	283,001.27	AU SUBTOTAL		\$	165,213.00
AV SUBTOTAL:					\$	27,000.00	AV SUBTOTAL		\$	0.02	AV SUBTOTAL		\$	110.00
<b>TOTAL CONTRACT PRICE (SUM OF 6 LINES ABOVE)</b>					\$	<b>1,712,345.00</b>	<b>TOTAL CONTRACT PRICE (SUM OF 6 LINES ABOVE)</b>		\$	<b>1,386,585.69</b>	<b>TOTAL CONTRACT PRICE (SUM OF 6 LINES ABOVE)</b>		\$	<b>1,247,132.20</b>