

**COMMITTEE AGENDA ITEM
VILLAGE OF HOFFMAN ESTATES**

SUBJECT: Request authorization to award contract for the Collector Street Lighting Improvement Project to Utility Dynamics Corporation of Oswego, IL (low bid) in an amount not to exceed \$897,511

MEETING DATE: November 27, 2023

COMMITTEE: Public Works & Utilities

FROM: Alan Wenderski, Director of Engineering

PURPOSE: Present the bids for the Collector Street Lighting Improvement Project and recommend approval of award of contract.

BACKGROUND: In October 2022, an engineering services contract was awarded to Ciorba Group to assess current Village lighting requirements, evaluate existing conditions, provide recommendation for future lighting design guidelines, and provide an overall concept plan with an updated cost estimate and prioritization.

In June 2023, a supplemental agreement with Ciorba Group was approved to complete design engineering for street light installation on Ash Road (Higgins Road – Golf Road), Illinois Boulevard (Schaumburg Road – Roselle Road), and Thacker Street (Illinois Boulevard (Roselle Road).

DISCUSSION: On November 13, 2023, one bid was received for the Collector Street Lighting Improvements project. The engineer’s estimate was \$955,952. A bid summary is shown in the following table:

Table 1 – Bid Summary

Bidder	Bid Cost
Engineer’s Estimate	\$955,952
Utility Dynamics	\$897,511

Utility Dynamics submitted the lowest qualified bid of \$897,511. Ciorba Group has worked with Utility Dynamics on similar scope lighting projects and has no concerns with their previous performance or ability to complete this project in a professional manner.

DISCUSSION: (Continued)

While only one bid was received, the low bid cost was 6% below the engineer's estimate and below the available funding amount.

The completion date for construction is December 13, 2024. The lead time for many electrical components is currently substantial and no work is allowed to begin on Illinois Boulevard until after the 4th of July holiday.

FINANCIAL IMPACT:

Surplus 2019 bond proceeds in the amount of \$1,000,000 are proposed to fund construction. The low bid amount of \$897,511 is below the amount of available funding.

RECOMMENDATION:

Request authorization to award contract for the Collector Street Lighting Improvement Project to Utility Dynamics Corporation of Oswego, IL (low bid) in an amount not to exceed \$897,511.

Attachment

November 21, 2023

Village of Hoffman Estates
1900 Hassell Road
Hoffman Estates, IL 60169

Attention: Mr. Alan Wenderski, PE

**Subject: Evaluation of Bids for
Collector Street Lighting Improvements
Village of Hoffman Estates
(Project No. 0021561.01)**

Dear Mr. Wenderski:

As requested, Ciorba Group has evaluated the bid submitted for the Collector Street Lighting Improvements, received on November 13, 2023.

Only one bid was received for the amount shown below. A bid tabulation was prepared and is enclosed for the Village's review. No mathematical errors or discrepancies were encountered.

Contractor	Bid Amount
Utility Dynamics	\$897,510.70
Engineer's Estimate	\$955,951.75

Based on our evaluation of the bid tabulation, the bidder's reputation, and our experience with the bidder, we know that they can complete the work required for the project. Therefore, we recommend that the contract for the Collector Street Lighting Improvements be awarded to Utility Dynamics in the amount of \$897,510.70.

If you have any questions or require additional information, please call 773.355.2958 or email klopez@ciorba.com.

Sincerely,
Ciorba Group, Inc.



Katrina Lopez, P.E., LEED AP
Project Manager

Encl: Bid Tabulation
Cc: Joseph Weesner, Village of Hoffman Estates
Joseph Vondra, Ciorba Group

BID TAB

				ENGINEER'S ESTIMATE		UTILITY DYNAMICS CORPORATION 23 COMMERCE DRIVE OSWEGO, IL 60543	
ITEM #	DESCRIPTION	UNIT	QUANTITY	UNIT COST	TOTAL COST	UNIT COST	TOTAL COST
20101100	TREE TRUNK PROTECTION	EACH	16	\$ 200.00	\$ 3,200.00	\$ 250.00	\$ 4,000.00
20101300	TREE PRUNING (1 TO 10 INCH DIAMETER)	EACH	8	\$ 100.00	\$ 800.00	\$ 250.00	\$ 2,000.00
20101350	TREE PRUNING (OVER 10 INCH DIAMETER)	EACH	3	\$ 130.00	\$ 390.00	\$ 450.00	\$ 1,350.00
20101400	NITROGEN FERTILIZER NUTRIENT	POUND	15	\$ 3.00	\$ 45.00	\$ 10.00	\$ 150.00
20101500	PHOSPHORUS FERTILIZER NUTRIENT	POUND	15	\$ 3.00	\$ 45.00	\$ 10.00	\$ 150.00
20101600	POTASSIUM FERTILIZER NUTRIENT	POUND	15	\$ 3.00	\$ 45.00	\$ 10.00	\$ 150.00
20101700	SUPPLEMENTAL WATERING	UNIT	2	\$ 300.00	\$ 600.00	\$ 1,000.00	\$ 2,000.00
20800150	TRENCH BACKFILL	CU YD	56	\$ 75.00	\$ 4,200.00	\$ 120.00	\$ 6,720.00
21101625	TOPSOIL FURNISH AND PLACE, 6"	SQ YD	801	\$ 12.00	\$ 9,612.00	\$ 10.00	\$ 8,010.00
25000100	SEEDING, CLASS 1	ACRE	1	\$ 4,000.00	\$ 4,000.00	\$ 25,000.00	\$ 25,000.00
25100630	EROSION CONTROL BLANKET	SQ YD	801	\$ 5.00	\$ 4,005.00	\$ 10.00	\$ 8,010.00
35101600	AGGREGATE BASE COURSE, TYPE B 4"	SQ YD	238	\$ 15.00	\$ 3,570.00	\$ 10.00	\$ 2,380.00
42300200	PORTLAND CEMENT CONCRETE DRIVEWAY PAVEMENT, 6 INCH	SQ YD	43	\$ 140.00	\$ 6,020.00	\$ 185.00	\$ 7,955.00
42400200	PORTLAND CEMENT CONCRETE SIDEWALK 5 INCH	SQ FT	688	\$ 14.00	\$ 9,632.00	\$ 18.00	\$ 12,384.00
42400800	DETECTABLE WARNINGS	SQ FT	198	\$ 45.00	\$ 8,910.00	\$ 40.00	\$ 7,920.00
44000500	COMBINATION CURB AND GUTTER REMOVAL	FOOT	468	\$ 12.00	\$ 5,616.00	\$ 10.00	\$ 4,680.00
44000600	SIDEWALK REMOVAL	SQ FT	688	\$ 10.00	\$ 6,880.00	\$ 3.00	\$ 2,064.00
44201761	CLASS D PATCHES, TYPE I, 10 INCH	SQ YD	48	\$ 60.00	\$ 2,880.00	\$ 120.00	\$ 5,760.00
60603800	COMBINATION CURB AND GUTTER, TYPE B-6.12	FOOT	468	\$ 35.00	\$ 16,380.00	\$ 52.00	\$ 24,336.00
67100100	MOBILIZATION	L SUM	1	\$ 5,000.00	\$ 5,000.00	\$ 39,000.00	\$ 39,000.00
80400100	ELECTRIC SERVICE INSTALLATION	EACH	2	\$ 2,500.00	\$ 5,000.00	\$ 3,000.00	\$ 6,000.00
80400200	ELECTRIC UTILITY SERVICE CONNECTION	L SUM	1	\$ 5,000.00	\$ 5,000.00	\$ 5,000.00	\$ 5,000.00
81028210	UNDERGROUND CONDUIT, GALVANIZED STEEL, 2 1/2" DIA.	FOOT	1205	\$ 35.00	\$ 42,175.00	\$ 38.00	\$ 45,790.00
81028240	UNDERGROUND CONDUIT, GALVANIZED STEEL, 4" DIA.	FOOT	180	\$ 65.00	\$ 11,700.00	\$ 60.00	\$ 10,800.00
81400730	HANDHOLE, COMPOSITE CONCRETE	EACH	3	\$ 2,600.00	\$ 7,800.00	\$ 650.00	\$ 1,950.00
81603037	UNIT DUCT, 600V, 2-1C NO.6, 1/C NO.6 GROUND, (XLP-TYPE USE), 1 1/4" DIA. POLYETHYLENE	FOOT	846	\$ 15.00	\$ 12,690.00	\$ 21.00	\$ 17,766.00
81603096	UNIT DUCT, 600V, 4-1C NO.8, 1/C NO.8 GROUND, (XLP-TYPE USE), 1 1/4" DIA. POLYETHYLENE	FOOT	2198	\$ 15.00	\$ 32,970.00	\$ 21.40	\$ 47,037.20
81603100	UNIT DUCT, 600V, 4-1C NO.6, 1/C NO.6 GROUND, (XLP-TYPE USE), 1 1/4" DIA. POLYETHYLENE	FOOT	9408	\$ 18.00	\$ 169,344.00	\$ 22.00	\$ 206,976.00
81603105	UNIT DUCT, 600V, 4-1C NO.4, 1/C NO.4 GROUND, (XLP-TYPE USE), 1 1/2" DIA. POLYETHYLENE	FOOT	707	\$ 22.00	\$ 15,554.00	\$ 23.50	\$ 16,614.50
81702150	ELECTRIC CABLE IN CONDUIT, 600V (XLP-TYPE USE) 1/C NO. 2	FOOT	873	\$ 5.00	\$ 4,365.00	\$ 3.00	\$ 2,619.00
82110006	LUMINAIRE, LED, ROADWAY, OUTPUT DESIGNATION F	EACH	64	\$ 1,000.00	\$ 64,000.00	\$ 505.00	\$ 32,320.00
82500350	LIGHTING CONTROLLER, BASE MOUNTED, 240 VOLT, 100 AMP	EACH	2	\$ 15,000.00	\$ 30,000.00	\$ 10,900.00	\$ 21,800.00
83006300	LIGHT POLE, ALUMINUM, 30 FT. M.H., 8 FT. MAST ARM	EACH	64	\$ 4,500.00	\$ 288,000.00	\$ 3,050.00	\$ 195,200.00
83600352	LIGHT POLE FOUNDATION, METAL, 11 1/2" BOLT CIRCLE, 8 5/8" x 6'	EACH	63	\$ 1,500.00	\$ 94,500.00	\$ 1,100.00	\$ 69,300.00
84200500	REMOVAL OF LIGHTING UNIT, SALVAGE	EACH	4	\$ 700.00	\$ 2,800.00	\$ 300.00	\$ 1,200.00
84200804	REMOVAL OF POLE FOUNDATION	EACH	4	\$ 500.00	\$ 2,000.00	\$ 300.00	\$ 1,200.00
89502300	REMOVE ELECTRIC CABLE FROM CONDUIT	FOOT	2379	\$ 1.25	\$ 2,973.75	\$ 1.00	\$ 2,379.00
XX006766	GFI RECEPTACLE BOX, 120V	EACH	1	\$ 2,500.00	\$ 2,500.00	\$ 3,200.00	\$ 3,200.00
X7010216	TRAFFIC CONTROL AND PROTECTION, (SPECIAL)	L SUM	1	\$ 15,000.00	\$ 15,000.00	\$ 20,000.00	\$ 20,000.00
X8210405	LUMINAIRE SHIELD	EACH	15	\$ 250.00	\$ 3,750.00	\$ 220.00	\$ 3,300.00
X8360215	LIGHT POLE FOUNDATION, 24" DIAMETER, OFFSET	FOOT	18	\$ 250.00	\$ 4,500.00	\$ 380.00	\$ 6,840.00
XX003338	TEST HOLE	EACH	85	\$ 500.00	\$ 42,500.00	\$ 120.00	\$ 10,200.00
Z0033026	MAINTENANCE OF EXISTING LIGHTING SYSTEM COMPLETET	L SUM	1	\$ 5,000.00	\$ 5,000.00	\$ 6,000.00	\$ 6,000.00
				TOTAL	\$ 955,951.75		\$ 897,510.70