

# Memorandum

To: Honorable Mayor and Members of the City Council

Administration and Public Works Committee

From: David Stoneback, Public Works Agency Director

Lara Biggs, P.E., Bureau Chief – Capital Planning / City Engineer

Dan Manis, P.E., Senior Project Manager

Subject: Approval of Contract for 2017 Water Main Improvements and Street

Resurfacing Project (Bid No. 17-03)

Date: April 17, 2017

#### Recommended Action:

Staff recommends City Council authorize the City Manager to execute a contract for the 2017 Water Main Improvements and Street Resurfacing Project (Bid No. 17-03) with Joel Kennedy Constructing Corporation (2830 N. Lincoln Avenue, Chicago, IL 60657) in the amount of \$2,659,267.00.

# Funding Source:

Funding will be provided from the Water Fund (Account 513.71.7330.65515 - 417007) in the amount of \$2,110,460.37, the CIP Fund (Account 415.40.4117.65515 - 417007) in the amount of \$229,850.63, and the Sewer Fund (Account 515.40.4535.62461 - 417007) in the amount of \$318,956.00. This project was budgeted at \$3,430,000 for FY 2017. A summary of the funding is as follows:

Fund	Account	Amount Budgeted	Contract Award
CIP Fund (GO Bonds)	415.40.4117.65515 – 417007	\$ 230,000	\$ 229,850.63
Water Fund *	513.71.7330.65515 – 417007	\$3,100,000	\$2,110,460.37
Sewer Fund	515.40.4535.65515 – 417007	\$ 320,000	\$ 318,956.00
Total		\$3,650,000	\$2,659,267.00

<sup>\*</sup> GO Bonds abated by the Water Fund

## Livability Benefits:

Built Environment: Enhance public spaces; Manage water resources responsibly

Climate and Energy: Improve energy and water efficiency

# **Background Information**:

This project consists of the installation of 4,771 feet of new water main of various diameters and 658 feet of a new relief/storm sewer extension of various diameters at locations throughout the City as follows:

### **Project Locations**

Street	From	То	Scope						
Grant St	Cowper Ave	Lawndale Ave	Water Main & Resurfacing						
Hinman Ave	Kedzie St	Main St	Sewer Extension & Patching						
Howard St	Dodge Ave	Ashland Ave	Water Main & Patching						
Lee St	Brown Ave	Dewey Ave	Water Main & Resurfacing						

The water mains to be replaced are either selected by condition based on the number of main breaks or selected to improve system capacity to meet anticipated fire flow demand. The sewer extension on Hinman will provide combined sewer relief to reduce the magnitude and frequency of sewer surcharging in the area. Grant and Lee Streets will be resurfaced after completion of the water main work. Howard Street and Hinman Avenue will be patched after completion of the water main work and sewer work, respectively. Howard Street is scheduled to be fully rehabilitated in 2019 using federal grant funds and Hinman Avenue is scheduled to be resurfaced using MFT funds in the summer of 2017.

This project also included a bid alternate to replace four outdoor drinking fountains at various parks throughout the City. These fountains are recommended to be replaced due to their condition and age. The fountains are located at Harper, Independence, Larimer, and McCulloch parks.

This project is scheduled to begin in May 2017 and be completed in October 2017.

#### Analysis:

This bid was advertised on Demandstar and in the Pioneer Press. Bids for the project were received and publicly read on March 21, 2017. Six contractors submitted bids for this project as follows.

Contractor	Address						
Bolder Contractors, Inc.	316 Cary Point Drive, Cary, IL 60013						
Copenhaver Construction	75 Koppie Drive, Gilberts, IL 60136						
Glenbrook Excavating & Concrete, Inc.	1350 N. Old Rand Road, Wauconda, IL 60084						
Joel Kennedy Constructing Corp.	2830 N. Lincoln Avenue, Chicago, IL 60657						
R. A. Mancini, Inc.	481 Scotland Rd, Unit101, Lakemoor, IL 60051						
Swallow Construction Company	4250 Lacey Road, Downers Grove, IL 60515						

The submitted bids cannot be withdrawn or canceled for a period of sixty (60) calendar days following the bid opening. The bids were reviewed by Dan Manis, Senior Project Manager. Attached is a bid tabulation showing the detailed bid results.

A summary of the bid pricing received was as follows:

Contractor	Base Bid Price	Alternate 1 Bid Price	Total Bid Price
Joel Kennedy Constructing Corp.	\$ 2,556,357.50	\$ 102,909.50	\$ 2,659,267.00
R. A. Mancini, Inc.	\$ 2,784,331.00	\$ 137,026.00	\$ 2,921,357.00
Copenhaver Construction	\$ 2,859,503.00	\$ 93,056.00	\$ 2,952,559.00
Glenbrook Excavating & Concrete, Inc.	\$ 2,840,485.20	\$ 120,135.00	\$ 2,960,620.20
Bolder Contractors, Inc.	\$ 3,238,203.40	\$ 136,629.00	\$ 3,374,832.40
Swallow Construction Company	\$ 3,502,725.00	\$ 95,576.50	\$ 3,598,301.50

Joel Kennedy Constructing Corporation has completed various projects for the City, and staff has found their work to be satisfactory. Therefore, staff recommends that the contract be awarded to Joel Kennedy Constructing Corporation for a total amount of \$2,659,267.00.

The bid proposal indicated intent to meet the City's M/W/EBE program goal and comply with the Local Employment Program. A memo reviewing compliance with the City's M/W/EBE program goals is attached.

### Attachments:

Bid Tabulation Location Map

Memo on M/W/EBE Compliance, dated 04/17/2017



# CITY OF EVANSTON TABULATION OF BIDS FOR 2017 WATER MAIN IMPROVEMENTS AND STREET RESURFACING PROJECT BID NO: 17-03

DATE: March 21, 2017					APPROVED NAME AND ADDRESS OF BIDDERS												
TIME: 2:00	P.M.			ENGINE		Joel Kennedy C	Constructing Corp.	R.A. M	ancini, Inc.	Copenhave	er Construction	Glenbrook Ex	. & Conc., Inc.	Bolder Contr	actors, Inc.	Swallow Cons	truction Company
ATTENDE	BY: AA			ESTIM	_		icoln Avenue,		Road, Unit 101,		opie Drive,		Rand Road,	316 Cary P			acey Road,
				ESTIM	AIE	Chicago	, IL 60657	Lakemo	or, IL 60051	Gilbert	s, IL 60136	Wauconda	a, IL 60084	Cary, IL	60013	Downers G	rove, IL 60515
ITEM NUMBER	ITEM	UNIT	TOTAL QUANTITY	UNIT PRICE	TOTAL	UNIT PRICE	TOTAL	UNIT PRICE	TOTAL	UNIT PRICE	TOTAL	UNIT PRICE	TOTAL	UNIT PRICE	TOTAL	UNIT PRICE	TOTAL
1	TEMPORARY FENCE	FOOT	5,950	\$2.00 \$	11,900.00	\$3.00	\$17,850.00	\$2.00	\$11,900.00	\$2.00	\$11,900.00	\$4.00	\$23,800.00	\$1.00	\$5,950.00	\$3.00	\$17,850.00
2	TREE TRUNK PROTECTION	EACH	40	\$150.00 \$	6,000.00	\$130.00	\$5,200.00	\$180.00	\$7,200.00	\$80.00		\$190.00	\$7,600.00	\$200.00	\$8,000.00	\$135.00	\$5,400.00
3	TREE ROOT PRUNING TREE PRUNING	FOOT EACH	2,150 80	\$5.00 \$ \$60.00 \$	10,750.00 4,800.00	\$5.00 \$70.00	\$10,750.00 \$5,600.00	\$12.00 \$197.00	\$25,800.00 \$15,760.00	\$7.00 \$65.00	. ,	\$5.00 \$90.00	\$10,750.00 \$7,200.00	\$6.00 \$120.00	\$12,900.00 \$9,600.00	\$2.75 \$60.00	\$5,912.50 \$4,800.00
5	REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL	CU YD	120	\$50.00 \$	6,000.00	\$70.00 \$55.00	\$5,600.00	\$197.00	\$6,600.00	\$39.00		\$50.00	\$6,000.00	\$50.00	\$9,000.00	\$34.00	\$4,080.00
6	TRENCH BACKFILL	CU YD	4,550	\$27.00 \$	122,850.00	\$10.00	\$45,500.00	\$71.00	\$323,050.00	\$35.00	, ,	\$1.00	\$4,550.00	\$10.00	\$45,500.00	\$15.00	\$68,250.00
7	POROUS GRANULAR BACKFILL	TON	1,250	\$27.00 \$	33,750.00	\$35.00	\$43,750.00	\$39.00	\$48,750.00	\$31.00	\$38,750.00	\$1.00	\$1,250.00	\$22.00	\$27,500.00	\$46.00	\$57,500.00
8	TOPSOIL FURNISH AND PLACE, SPECIAL	CU YD	320	\$45.00 \$	14,400.00	\$45.00	\$14,400.00	\$42.00	\$13,440.00	\$59.00	\$18,880.00	\$62.00	\$19,840.00	\$70.00	\$22,400.00	\$50.00	\$16,000.00
9	EXPLORATION TRENCH, SPECIAL (UP TO 8 FEET DEEP)	EACH	14	\$1,000.00 \$	14,000.00	\$975.00	\$13,650.00	\$2,300.00	\$32,200.00	\$150.00		\$800.00	\$11,200.00	\$1,000.00	\$14,000.00	\$1,250.00	\$17,500.00
10	SODDING, SALT TOLERANT	SQ YD	2,700	\$9.00 \$	24,300.00	\$5.00	\$13,500.00	\$8.00	\$21,600.00	\$9.00	. ,	\$9.00	\$24,300.00	\$12.00	\$32,400.00	\$12.50	\$33,750.00
11 12	INLET FILTERS SUBBASE GRANULAR MATERIAL, TYPE B	EACH TON	90 70	\$20.00 \$ \$40.00 \$	1,800.00 2,800.00	\$260.00 \$45.00	\$23,400.00 \$3,150.00	\$190.00 \$50.00	\$17,100.00 \$3.500.00	\$40.00 \$35.00		\$160.00 \$50.00	\$14,400.00 \$3,500.00	\$50.00 \$60.00	\$4,500.00 \$4,200.00	\$75.00 \$65.00	\$6,750.00 \$4,550.00
13	AGGREGATE FOR TEMPORARY ACCESS	TON	540	\$30.00 \$	16,200.00	\$40.00	\$21,600.00	\$24.00	\$12,960.00	\$25.00		\$35.00	\$18,900.00	\$0.00	\$5.40	\$38.00	\$20,520.00
14	BITUMINOUS MATERIALS (TACK COAT)	POUND	9,000	\$0.10 \$	900.00	\$0.10	\$900.00	\$0.10	\$900.00	\$0.10	. ,	\$0.01	\$90.00	\$0.01	\$90.00	\$1.50	\$13,500.00
15	MIXTURE FOR CRACKS, JOINTS, AND FLANGEWAYS	TON	6	\$350.00 \$	2,100.00	\$600.00	\$3,600.00	\$715.00	\$4,290.00	\$120.00		\$420.00	\$2,520.00	\$420.00	\$2,520.00	\$875.00	\$5,250.00
16	LEVELING BINDER (MACHINE METHOD), N50	TON	645	\$110.00 \$	70,950.00	\$70.00	\$45,150.00	\$82.00	\$52,890.00	\$86.00	, ,	\$76.50	\$49,342.50	\$85.00	\$54,825.00	\$117.00	\$75,465.00
17 18	HOT-MIX ASPHALT SURFACE REMOVAL - BUTT JOINT TEMPORARY RAMP	SQ YD SQ YD	410 820	\$20.00 \$ \$150.00 \$	8,200.00 123,000.00	\$12.00 \$15.00	\$4,920.00 \$12,300.00	\$15.00 \$5.00	\$6,150.00 \$4.100.00	\$24.00 \$25.00	1 - 1	\$5.00 \$4.00	\$2,050.00 \$3,280.00	\$5.00 \$4.00	\$2,050.00 \$3,280.00	\$18.00 \$14.50	\$7,380.00 \$11,890.00
19	HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N50	TON	1,555	\$120.00 \$	186,600.00	\$66.00	\$12,300.00	\$78.00	\$121,290.00	\$86.00		\$88.00	\$136,840.00	\$88.00	\$136,840.00	\$90.00	\$139,950.00
20	INCIDENTAL HOT-MIX ASPHALT SURFACING	TON	60	\$200.00 \$	12,000.00	\$280.00	\$16,800.00	\$330.00	\$19,800.00	\$140.00		\$350.00	\$21,000.00	\$120.00	\$7,200.00	\$255.00	\$15,300.00
21	TEMPORARY HOT-MIX ASPHALT	TON	300	\$160.00 \$	48,000.00	\$110.00	\$33,000.00	\$120.00	\$36,000.00	\$140.00	. ,	\$150.00	\$45,000.00	\$75.00	\$22,500.00	\$100.00	\$30,000.00
22	TEMPORARY COLD-MIX ASPHALT	TON	65	\$150.00 \$	9,750.00	\$160.00	\$10,400.00	\$177.00	\$11,505.00	\$100.00		\$165.00	\$10,725.00	\$100.00	\$6,500.00	\$200.00	\$13,000.00
23	PCC DRIVEWAY PAVEMENT, 6 INCH	SQ YD	215	\$25.00 \$	5,375.00	\$82.00	\$17,630.00	\$66.00	\$14,190.00	\$55.00		\$50.00	\$10,750.00	\$65.00	\$13,975.00	\$68.00	\$14,620.00
24 25	PORTLAND CEMENT CONCRETE SIDEWALK 5 INCH DETECTABLE WARNINGS	SQ FT SQ FT	5,700 460	\$6.50 \$ \$35.00 \$	37,050.00 16,100.00	\$8.00 \$45.00	\$45,600.00 \$20,700.00	\$7.00 \$42.00	\$39,900.00 \$19,320.00	\$7.00 \$29.00		\$6.00 \$25.00	\$34,200.00 \$11,500.00	\$6.00 \$35.00	\$34,200.00 \$16,100.00	\$11.00 \$37.00	\$62,700.00 \$17,020.00
26	DRIVEWAY PAVEMENT REMOVAL	SQ YD	215	\$20.00 \$	4,300.00	\$43.00 \$12.00	\$2,580.00	\$11.00	\$2,365.00	\$15.00		\$13.00	\$2,795.00	\$20.00	\$4,300.00	\$5.00	\$1,075.00
27	COMBINATION CURB AND GUTTER REMOVAL	FOOT	2,240	\$8.50 \$	19,040.00	\$4.00	\$8,960.00	\$9.00	\$20,160.00	\$7.00		\$9.00	\$20,160.00	\$10.00	\$22,400.00	\$2.00	\$4,480.00
28	SIDEWALK REMOVAL	SQ FT	5,700	\$2.50 \$	14,250.00	\$1.50	\$8,550.00	\$2.00	\$11,400.00	\$2.00	\$11,400.00	\$3.00	\$17,100.00	\$2.00	\$11,400.00	\$0.50	\$2,850.00
29	HMA SURFACE REMOVAL, VARIABLE DEPTH	SQ YD	13,085	\$8.00 \$	104,680.00	\$4.50	\$58,882.50	\$4.60	\$60,191.00	\$5.00		\$5.50	\$71,967.50	\$5.00	\$65,425.00	\$6.50	\$85,052.50
30	CLASS B PATCHES, SPECIAL, 9"	SQ YD	4,560	\$75.00 \$	342,000.00	\$67.00 \$87.00	\$305,520.00	\$83.00	\$378,480.00	\$98.00	, .,	\$75.00	\$342,000.00	\$50.00	\$228,000.00	\$75.00	\$342,000.00
31 32	FULL DEPTH PATCHES, SPECIAL 11" FIBER GLASS FABRIC REPAIR SYSTEM	SQ YD SQ YD	180 700	\$85.00 \$ \$60.00 \$	15,300.00 42,000.00	\$67.00 \$12.00	\$15,660.00 \$8,400.00	\$135.00 \$20.00	\$24,300.00 \$14.000.00	\$140.00 \$65.00	1 -,	\$135.00 \$57.00	\$24,300.00 \$39.900.00	\$90.00 \$57.00	\$16,200.00 \$39,900.00	\$127.00 \$71.00	\$22,860.00 \$49,700.00
33	COMBINED SEWERS 12", SPECIAL (DIP CL 52)	FOOT	20	\$200.00 \$	4,000.00	\$164.00	\$3,280.00	\$150.00	\$3,000.00	\$110.00	, .,	\$80.00	\$1,600.00	\$280.00	\$5,600.00	\$225.00	\$4,500.00
34	COMBINED SEWERS 10", SPECIAL (PVC SDR 26)	FOOT	178	\$150.00 \$	26,700.00	\$158.00	\$28,124.00	\$120.00	\$21,360.00	\$62.00	\$11,036.00	\$75.00	\$13,350.00	\$240.00	\$42,720.00	\$105.00	\$18,690.00
35	RELIEF SEWERS 16", SPECIAL (DIP CL 52)	FOOT	501	\$250.00 \$	125,250.00	\$178.00	\$89,178.00	\$120.00	\$60,120.00	\$130.00	1 ,	\$100.00	\$50,100.00	\$270.00	\$135,270.00	\$150.00	\$75,150.00
36	STORM SEWERS 12", SPECIAL (DIP CL 52)	FOOT	119	\$200.00 \$	23,800.00	\$164.00	\$19,516.00	\$100.00	\$11,900.00	\$110.00	. ,	\$90.00	\$10,710.00	\$250.00	\$29,750.00	\$95.00	\$11,305.00
37 38	STORM SEWERS 10", SPECIAL (DIP CL 52) STORM SEWERS 8", SPECIAL (DIP CL 52)	FOOT FOOT	38 21	\$150.00 \$ \$120.00 \$	5,700.00 2,520.00	\$158.00 \$154.00	\$6,004.00 \$3,234.00	\$95.00 \$89.00	\$3,610.00 \$1,869.00	\$110.00 \$90.00		\$85.00 \$80.00	\$3,230.00 \$1,680.00	\$240.00 \$230.00	\$9,120.00 \$4,830.00	\$85.00 \$125.00	\$3,230.00 \$2,625.00
39	WATER MAIN 10" (DIP CL 52), PUSH JOINT, EXTERNAL ZINC-	FOOT	20	\$220.00 \$	4,400.00	\$134.00	\$4,040.00	\$270.00	\$5,400.00	\$110.00		\$250.00		\$290.00	\$5,800.00	\$500.00	. ,
39	BASED COATED	FOOT	20	\$220.00 \$	4,400.00	\$202.00	\$4,040.00	\$270.00	\$5,400.00	\$110.00	\$2,200.00	\$250.00	\$5,000.00	\$290.00	\$5,000.00	\$500.00	\$10,000.00
40	WATER MAIN 8" (DIP CL 52), PUSH JOINT, EXTERNAL ZINC- BASED COATED	FOOT	3,606	\$195.00 \$	703,170.00	\$159.00	\$573,354.00	\$93.50	\$337,161.00	\$102.00	\$367,812.00	\$150.00	\$540,900.00	\$268.00	\$966,408.00	\$130.00	\$468,780.00
41	WATER MAIN 6" (DIP CL 52), PUSH JOINT, EXTERNAL ZINC-	FOOT	1,145	\$170.00 \$	194,650.00	\$148.00	\$169,460.00	\$87.00	\$99,615.00	\$96.00	\$109,920.00	\$175.00	\$200,375.00	\$260.00	\$297,700.00	\$110.00	\$125,950.00
42	BASED COATED WATER VALVES 6"	EACH	4	\$3,000.00 \$	12,000.00	\$1,100.00	\$4,400.00	\$860.00	\$3,440.00	\$1,600.00		\$4.000.00	\$16,000.00	\$1,500.00	\$6,000.00	\$5,000.00	\$20,000.00
43	WATER VALVES 8"	EACH	16	\$4,000.00 \$	64,000.00	\$1,500.00	\$24,000.00	\$1,350.00	\$21,600.00	\$2,000.00		\$4,500.00	\$72,000.00	\$1,800.00	\$28,800.00	\$6,500.00	\$104,000.00
44	WATER MAIN LINE STOP 6", ALLOWANCE	EACH	1	\$6,000.00 \$	6,000.00	\$3,600.00	\$3,600.00	\$5,000.00	\$5,000.00	\$5,000.00	. ,	\$7,500.00	\$7,500.00	\$4,000.00	\$4,000.00	\$7,250.00	\$7,250.00
45	WATER MAIN LINE STOP 8", ALLOWANCE	EACH	1	\$8,000.00 \$	8,000.00	\$3,900.00	\$3,900.00	\$5,500.00	\$5,500.00	\$7,000.00		\$8,500.00	\$8,500.00	\$5,000.00	\$5,000.00	\$7,500.00	\$7,500.00
46	WATER SERVICE LINE, 2" DIA OR LESS, SHORT, SPECIAL	EACH	38	\$3,000.00 \$	114,000.00	\$1,700.00	\$64,600.00	\$2,400.00	\$91,200.00	\$2,700.00		\$3,500.00	\$133,000.00	\$2,000.00	\$76,000.00	\$3,700.00	\$140,600.00
47 48	WATER SERVICE LINE, 2" DIA OR LESS, LONG, SPECIAL WATER SERVICE LINE, 4" DIA OR GREATER, SPECIAL	EACH EACH	7	\$3,500.00 \$ \$6,000.00 \$	24,500.00 24,000.00	\$2,400.00 \$3,900.00	\$16,800.00 \$15,600.00	\$3,600.00 \$10,200.00	\$25,200.00 \$40,800.00	\$3,500.00 \$4,200.00	. ,	\$5,500.00 \$7,500.00	\$38,500.00 \$30,000.00	\$2,700.00 \$7,500.00	\$18,900.00 \$30,000.00	\$5,750.00 \$4,300.00	\$40,250.00 \$17,200.00
49	ADJUSTING SANITARY SEWERS, 8-INCH DIA OR LESS	EACH	14	\$700.00 \$	9,800.00	\$3,900.00	\$15,600.00	\$10,200.00	\$24,500.00	\$3,000.00		\$1,000.00	\$14,000.00	\$7,500.00	\$4,200.00	\$4,500.00	\$49,000.00
50	FIRE HYDRANTS TO BE REMOVED	EACH	9	\$750.00 \$	6,750.00	\$350.00	\$3,150.00	\$540.00	\$4,860.00	\$1,000.00	. ,	\$800.00	\$7,200.00	\$600.00	\$5,400.00	\$1,000.00	\$9,000.00
51	FIRE HYDRANT WITH AUXILIARY VALVE, VALVE BOX AND TEE. COMPLETE	EACH	9	\$8,000.00 \$	72,000.00	\$7,500.00	\$67,500.00	\$5,000.00	\$45,000.00	\$6,100.00		\$7,500.00	\$67,500.00	\$6,000.00	\$54,000.00	\$9,500.00	\$85,500.00
52	FLUOROCARBON RUBBER (VITON) GASKET, 8"	EACH	100	\$200.00 \$	20,000.00	\$140.00	\$14.000.00	\$225.00	\$22.500.00	\$320.00	\$32.000.00	\$50.00	\$5.000.00	\$160.00	\$16,000.00	\$90.00	\$9,000.00
53	FLUOROCARBON RUBBER (VITON) GASKET, 6"	EACH	15	\$150.00 \$	2,250.00	\$75.00	\$1,125.00	\$120.00	\$1,800.00	\$220.00	1 . ,	\$50.00	\$750.00	\$100.00	\$1,500.00	\$45.00	\$675.00
54	CATCH BASINS, TYPE A, 4'-DIAMETER, TYPE 1 FRAME, OPEN LID	EACH	1	\$3,000.00 \$	3,000.00	\$2,700.00	\$2,700.00	\$2,550.00	\$2,550.00	\$2,800.00	\$2,800.00	\$5,000.00	\$5,000.00	\$3,500.00	\$3,500.00	\$4,000.00	\$4,000.00
55	MANHOLES, TYPE A, 4'-DIAMETER, TYPE 1 FRAME, CLOSED	EACH	5	\$3,500.00 \$	17,500.00	\$4,200.00	\$21,000.00	\$2,500.00	\$12,500.00	\$2,400.00	\$12,000.00	\$4,500.00	\$22,500.00	\$3,500.00	\$17,500.00	\$4,350.00	\$21,750.00
56	LID VALVE VAULTS, TYPE A, 4'-DIAMETER, TYPE 1 FRAME,	EACH	5	\$4,000.00 \$	20,000.00	\$2,800.00	\$14,000.00	\$2,100.00	\$10,500.00	\$2,200.00	. ,	\$4,500.00	\$22,500.00	\$1,800.00	\$9,000.00	\$1,950.00	\$9,750.00
57	CLOSED LID VALVE VAULTS, TYPE A, 5'-DIAMETER, TYPE 1 FRAME,	EACH	12	\$5,000.00 \$	60,000.00	\$3,200.00	\$38,400.00	\$2,400.00	\$28,800.00	\$2,900.00		\$5,000.00	\$60,000.00	\$2,400.00	\$28,800.00	\$2,750.00	\$33,000.00
58	CLOSED LID VALVE BOX	EACH	3	\$1,000.00 \$	3,000.00	\$5,200.00	\$38,400.00	\$700.00	\$2,100.00	\$490.00		\$450.00	\$1,350.00	\$400.00	\$1,200.00	\$2,750.00	\$180.00
59	FRAMES AND GRATES TO BE ADJUSTED	EACH	14	\$450.00 \$	6,300.00	· · · · · · · · · · · · · · · · · · ·	\$5,600.00	\$350.00	\$4,900.00	\$500.00		\$600.00	\$8,400.00	\$600.00	\$8,400.00	\$750.00	\$10,500.00

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60	FRAMES AND LIDS TO BE ADJUSTED	EACH	2	\$450.00	\$ 900.00	\$400.00	\$800.00	\$350.00	\$700.00	\$500.00	\$1,000.00	\$450.00	\$900.00	\$600.00	\$1,200.00	\$750.00	\$1,500.00
61	FRAMES AND LIDS TO BE ADJUSTED (SPECIAL)	EACH	24	\$600.00	\$ 14,400.00	\$450.00	\$10,800.00	\$600.00	\$14,400.00	\$670.00	\$16,080.00	\$824.00	\$19,776.00	\$960.00	\$23,040.00	\$1,000.00	\$24,000.00
62	FRAMES AND LIDS, OPEN LID (SPECIAL)	EACH	2	\$600.00	\$ 1,200.00	\$350.00	\$700.00	\$385.00	\$770.00	\$900.00	\$1,800.00	\$400.00	\$800.00	\$350.00	\$700.00	\$205.00	\$410.00
63	FRAMES AND LIDS, CLOSED LID (SPECIAL)	EACH	2	\$600.00	\$ 1,200.00	\$350.00	\$700.00	\$385.00	\$770.00	\$900.00	\$1,800.00	\$400.00	\$800.00	\$350.00	\$700.00	\$205.00	\$410.00
64	REMOVING MANHOLES	EACH	4	\$600.00	\$ 2,400.00	\$500.00	\$2,000.00	\$510.00	\$2,040.00	\$450.00	\$1,800.00	\$550.00	\$2,200.00	\$500.00	\$2,000.00	\$400.00	\$1,600.00
65	REMOVING INLETS	EACH	1	\$500.00	\$ 500.00	\$300.00	\$300.00	\$510.00	\$510.00	\$300.00	\$300.00	\$450.00	\$450.00	\$400.00	\$400.00	\$400.00	\$400.00
66	FILLING VALVE BOXES	EACH	7	\$500.00	\$ 3,500.00	\$250.00	\$1,750.00	\$425.00	\$2,975.00	\$200.00	\$1,400.00	\$350.00	\$2,450.00	\$300.00	\$2,100.00	\$100.00	\$700.00
67	FILLING VALVE VAULTS	EACH	11	\$600.00	\$ 6,600.00	\$475.00	\$5,225.00	\$1,100.00	\$12,100.00	\$300.00	\$3,300.00	\$700.00	\$7,700.00	\$800.00	\$8,800.00	\$400.00	\$4,400.00
68	COMB. CONC. CURB & GUTTER, TYPE B-6.12 (AEP MODIFIED)	FOOT	2,175	\$26.00	\$ 56,550.00	\$28.00	\$60,900.00	\$25.00	\$54,375.00	\$24.00	\$52,200.00	\$24.00	\$52,200.00	\$25.00	\$54,375.00	\$32.00	\$69,600.00
69	NON-SPECIAL WASTE DISPOSAL	CU YD	1,400	\$30.00	\$ 42,000.00	\$20.00	\$28,000.00	\$61.00	\$85,400.00	\$85.00	\$119,000.00	\$80.00	\$112,000.00	\$40.00	\$56,000.00	\$40.00	\$56,000.00
70	SPECIAL WASTE PLANS AND REPORTS	LSUM	1	\$10,000.00	\$ 10,000.00	\$2,000.00	\$2,000.00	\$6,000.00	\$6,000.00	\$7,000.00	\$7,000.00	\$9,500.00	\$9,500.00	\$5,000.00	\$5,000.00	\$3,500.00	\$3,500.00
71	SOIL DISPOSAL ANALYSIS	EACH	5	\$5,000.00	\$ 25,000.00	\$800.00	\$4,000.00	\$1,800.00	\$9,000.00	\$1,700.00	\$8,500.00	\$1,500.00	\$7,500.00	\$1,000.00	\$5,000.00	\$700.00	\$3,500.00
72	MOBILIZATION	LSUM	1	\$120,000.00	\$ 120,000.00	\$140,000.00	\$140,000.00	\$135,000.00	\$135,000.00	\$185,000.00	\$185,000.00	\$100,000.00	\$100,000.00	\$190,000.00	\$190,000.00	\$345,000.00	\$345,000.00
73	TRAFFIC CONTROL AND PROTECTION	LSUM	1	\$270,000.00	\$ 270,000.00	\$45,000.00	\$45,000.00	\$26,000.00	\$26,000.00	\$130,000.00	\$130,000.00	\$50,000.00	\$50,000.00	\$100,000.00	\$100,000.00	\$300,000.00	\$300,000.00
74	CHANGEABLE MESSAGE SIGN, SPECIAL	CAL MO	6	\$8,000.00	\$ 48,000.00	\$1,000.00	\$6,000.00	\$1,100.00	\$6,600.00	\$1,100.00	\$6,600.00	\$800.00	\$4,800.00	\$800.00	\$4,800.00	\$1,000.00	\$6,000.00
75	SHORT TERM PAVEMENT MARKING	FOOT	600	\$2.50	\$ 1,500.00	\$1.00	\$600.00	\$2.00	\$1,200.00	\$2.00	\$1,200.00	\$0.01	\$6.00	\$1.00	\$600.00	\$1.50	\$900.00
76	SHORT TERM PAVEMENT MARKING REMOVAL	SQ FT	200	\$2.50	\$ 500.00	\$1.00	\$200.00	\$2.00	\$400.00	\$3.00	\$600.00	\$0.01	\$2.00	\$1.00	\$200.00	\$1.25	\$250.00
77	PAVEMENT MARKING TAPE, TYPE III 4"	FOOT	4,600	\$2.00	\$ 9,200.00	\$1.00	\$4,600.00	\$1.00	\$4,600.00	\$0.50	\$2,300.00	\$1.15	\$5,290.00	\$1.00	\$4,600.00	\$1.50	\$6,900.00
78	THERMOPLASTIC PAVEMENT MARKING - LINE 4"	FOOT	3,950	\$2.50	\$ 9,875.00	\$1.00	\$3,950.00	\$1.50	\$5,925.00	\$1.20	\$4,740.00	\$0.59	\$2,330.50	\$2.00	\$7,900.00	\$2.50	\$9,875.00
79	THERMOPLASTIC PAVEMENT MARKING - LINE 6"	FOOT	1,150	\$3.00	\$ 3,450.00	\$1.50	\$1,725.00	\$2.00	\$2,300.00	\$2.00	\$2,300.00	\$0.88	\$1,012.00	\$3.00	\$3,450.00	\$3.50	\$4,025.00
80	THERMOPLASTIC PAVEMENT MARKING - LINE 8"	FOOT	110	\$4.50	\$ 495.00	\$2.00	\$220.00	\$3.00	\$330.00	\$3.00	\$330.00	\$1.17	\$128.70	\$4.00	\$440.00	\$4.50	\$495.00
81	THERMOPLASTIC PAVEMENT MARKING - LINE 12"	FOOT	380	\$7.50	\$ 2,850.00	\$3.00	\$1,140.00	\$4.00	\$1,520.00	\$4.00	\$1,520.00	\$1.75	\$665.00	\$6.00	\$2,280.00	\$7.00	\$2,660.00
82	THERMOPLASTIC PAVEMENT MARKING - LINE 24"	FOOT	580	\$7.50	\$ 4,350.00	\$5.00	\$2,900.00	\$8.00	\$4,640.00	\$7.00	\$4,060.00	\$3.75	\$2,175.00	\$12.00	\$6,960.00	\$15.75	\$9,135.00
83	PREFORMED BIKE LANE MARKING WITH ARROW ON GREEN BACKGROUD	EACH	8	\$1,800.00	\$ 14,400.00	\$850.00	\$6,800.00	\$1,100.00	\$8,800.00	\$900.00	\$7,200.00	\$350.00	\$2,800.00	\$800.00	\$6,400.00	\$1,000.00	\$8,000.00
84	PAVEMENT MARKING REMOVAL	SQ FT	5,500	\$2.50	\$ 13,750.00	\$1.00	\$5,500.00	\$0.50	\$2,750.00	\$0.60	\$3,300.00	\$1.00	\$5,500.00	\$1.00	\$5,500.00	\$0.50	\$2,750.00
85	DETECTOR LOOP REPLACEMENT	FOOT	150	\$50.00	\$ 7,500.00	\$30.00	\$4,500.00	\$60.00	\$9,000.00	\$35.00	\$5,250.00	\$30.00	\$4,500.00	\$30.00	\$4,500.00	\$35.00	\$5,250.00
86	CONSTRUCTION LAYOUT	LSUM	1	\$27,000.00	\$ 27,000.00	\$12,000.00	\$12,000.00	\$12,000.00	\$12,000.00	\$17,000.00	\$17,000.00	\$20,500.00	\$20,500.00	\$10,000.00	\$10,000.00	\$30,000.00	\$30,000.00
87	TEMPORARY INFORMATION SIGNING	SQ FT	50	\$10.00	\$ 500.00	\$20.00	\$1,000.00	\$15.00	\$750.00	\$25.00	\$1,250.00	\$16.00	\$800.00	\$20.00	\$1,000.00	\$22.50	\$1,125.00
88	STREET SWEEPING	EACH	35	\$500.00	\$ 17,500.00	\$450.00	\$15,750.00	\$600.00	\$21,000.00	\$150.00	\$5,250.00	\$750.00	\$26,250.00	\$200.00	\$7,000.00	\$500.00	\$17,500.00
89	PRE AND POST CONSTRUCTION SUB-SURFACE VIDEOTAPING	FOOT	8,600	\$8.00	\$ 68,800.00	\$1.00	\$8,600.00	\$6.00	\$51,600.00	\$1.00	\$8,600.00	\$5.00	\$43,000.00	\$2.00	\$17,200.00	\$5.00	\$43,000.00
90	STEEL PLATES TO MAINTAIN ACCESS (200 FEET)	LSUM	1	\$20,000.00	\$ 20,000.00	\$10,000.00	\$10,000.00	\$20,000.00	\$20,000.00	\$15,000.00	\$15,000.00	\$5,000.00	\$5,000.00	\$5,000.00	\$5,000.00	\$75,000.00	\$75,000.00
91	DUCTILE IRON WATER MAIN FITTINGS (ALLOWANCE)	POUND	500	\$75.00	\$ 37,500.00	\$5.00	\$2,500.00	\$6.00	\$3,000.00	\$5.00	\$2,500.00	\$7.99	\$3,995.00	\$10.00	\$5,000.00	\$5.00	\$2,500.00
	TOTAL BASE BID	AS	READ		\$3,735,855.00		\$2,556,357.00		\$2,784,331.00		\$2,859,503.00		\$2,840,485.20		\$3,238,203.40		\$3,502,725.00
	TOTAL BASE BID	AS CO	RRECTED				\$2,556,357.50		\$2,784,331.00		\$2,859,503.00		\$2,840,485.20		\$3,238,203.40		\$3,502,725.00

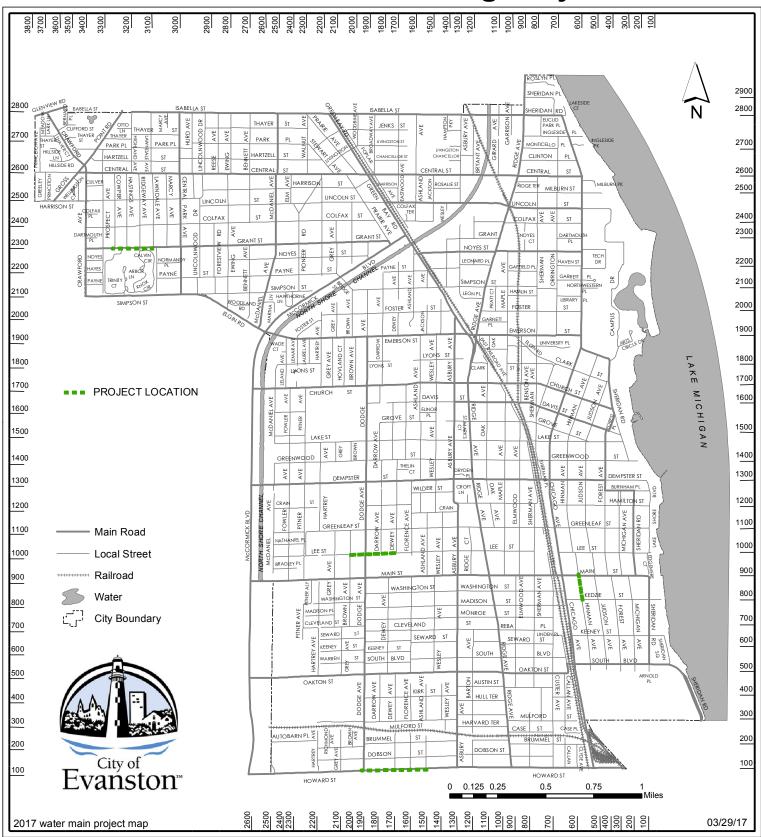
#### ALTERNATE 1, DRINKING FOUNTAIN REMOVAL AND REPLACEMENT

ALIERN	ATE 1, DRINKING FOUNTAIN REMOVAL AND REPLACEM	IENI															
ITEM NUMBER	ITEM	UNIT	TOTAL QUANTITY	UNIT PRICE	TOTAL	UNIT PRICE	TOTAL	UNIT PRICE	TOTAL	UNIT PRICE	TOTAL	UNIT PRICE	TOTAL	UNIT PRICE	TOTAL	UNIT PRICE	TOTAL
1	REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL	CU YD	25	\$50.00	\$ 1,250.00	\$55.00	\$1,375.00	\$55.00	\$1,375.00	\$50.00	\$1,250.00	\$50.00	\$1,250.00	\$53.00	\$1,325.00	\$35.00	\$875.00
2	TRENCH BACKFILL	CU YD	70	\$27.00	\$ 1,890.00	\$10.00	\$700.00	\$72.00	\$5,040.00	\$55.00	\$3,850.00	\$1.00	\$70.00	\$30.00	\$2,100.00	\$15.00	\$1,050.00
3	TOPSOIL FURNISH AND PLACE, SPECIAL	CU YD	22	\$5.00	\$ 110.00	\$45.00	\$990.00	\$56.00	\$1,232.00	\$53.00	\$1,166.00	\$65.00	\$1,430.00	\$60.00	\$1,320.00	\$50.00	\$1,100.00
4	SODDING, SALT TOLERANT	SQ YD	240	\$9.00	\$ 2,160.00	\$5.00	\$1,200.00	\$11.00	\$2,640.00	\$9.00	\$2,160.00	\$10.00	\$2,400.00	\$10.00	\$2,400.00	\$12.00	\$2,880.00
5	INLET FILTERS	EACH	4	\$20.00	\$ 80.00	\$260.00	\$1,040.00	\$195.00	\$780.00	\$10.00	\$40.00	\$160.00	\$640.00	\$50.00	\$200.00	\$75.00	\$300.00
6	SUBBASE GRANULAR MATERIAL, TYPE B	TON	14	\$40.00	\$ 560.00	\$45.00	\$630.00	\$50.00	\$700.00	\$36.00	\$504.00	\$100.00	\$1,400.00	\$60.00	\$840.00	\$57.00	\$798.00
7	PORTLAND CEMENT CONCRETE SIDEWALK 5 INCH	SQ FT	1,782	\$6.50	\$ 11,583.00	\$8.00	\$14,256.00	\$12.00	\$21,384.00	\$8.00	\$14,256.00	\$10.00	\$17,820.00	\$7.00	\$12,474.00	\$9.50	\$16,929.00
8	DETECTABLE WARNINGS	SQ FT	10	\$35.00	\$ 350.00	\$45.00	\$450.00	\$42.00	\$420.00	\$32.00	\$320.00	\$30.00	\$300.00	\$40.00	\$400.00	\$37.00	\$370.00
9	SIDEWALK REMOVAL	SQ FT	1,405	\$2.50		\$1.50	\$2,107.50	\$2.00	\$2,810.00	\$2.00	\$2,810.00	\$5.00	\$7,025.00	\$2.00	\$2,810.00	\$0.50	\$702.50
10	CLASS B PATCHES, SPECIAL, 9"	SQ YD	8	\$75.00	\$ 600.00	\$67.00	\$536.00	\$250.00	\$2,000.00	\$180.00	\$1,440.00	\$200.00	\$1,600.00	\$70.00	\$560.00	\$125.00	\$1,000.00
11	MOBILIZATION	LSUM	1	\$10,000.00	. ,	\$4,000.00	\$4,000.00	\$11,000.00	\$11,000.00	\$3,000.00	\$3,000.00	\$5,500.00	\$5,500.00	\$9,000.00	\$9,000.00	\$15,000.00	\$15,000.00
12	STREET SWEEPING	EACH	4	\$500.00	\$ 2,000.00	\$450.00	\$1,800.00	\$600.00	\$2,400.00	\$190.00	\$760.00	\$750.00	\$3,000.00	\$100.00	\$400.00	\$425.00	\$1,700.00
13	DRINKING FOUNTAIN WATER SERVICE, 1" DIAMETER, COPPER	FOOT	175	\$25.00	\$ 4,375.00	\$55.00	\$9,625.00	\$59.00	\$10,325.00	\$40.00	\$7,000.00	\$100.00	\$17,500.00	\$40.00	\$7,000.00	\$58.00	\$10,150.00
14	DRINKING FOUNTAIN	EACH	4	\$6,000.00	\$ 24,000.00	\$7,000.00	\$28,000.00	\$6,500.00	\$26,000.00	\$4,900.00	\$19,600.00	\$7,000.00	\$28,000.00	\$16,000.00	\$64,000.00	\$4,500.00	\$18,000.00
15	1" RPZ BACKFLOW PREVENTER	EACH	4	\$1,000.00	\$ 4,000.00	\$2,200.00	\$8,800.00	\$1,300.00	\$5,200.00	\$1,900.00	\$7,600.00	\$1,600.00	\$6,400.00	\$2,000.00	\$8,000.00	\$2,000.00	\$8,000.00
16	1" FULL PORT BALL VALVE, BRONZE, LEAD FREE	EACH	4	\$100.00	\$ 400.00	\$300.00	\$1,200.00	\$325.00	\$1,300.00	\$800.00	\$3,200.00	\$300.00	\$1,200.00	\$300.00	\$1,200.00	\$33.00	\$132.00
17	RPZ ENCLOSURE WITH GREEN POWDER COATED FINISH	EACH	4	\$750.00	\$ 3,000.00	\$1,700.00	\$6,800.00	\$1,800.00	\$7,200.00	\$800.00	\$3,200.00	\$1,200.00	\$4,800.00	\$2,000.00	\$8,000.00	\$1,250.00	\$5,000.00
18	DRINKING FOUNTAIN DRAIN PIPE, 2" DIA, PVC, SDR 26	FOOT	40	\$15.00	\$ 600.00	\$65.00	\$2,600.00	\$48.00	\$1,920.00	\$55.00	\$2,200.00	\$80.00	\$3,200.00	\$40.00	\$1,600.00	\$62.00	\$2,480.00
19	DRY WELL, TYPE A, 2'-DIAMETER, 3'-DEEP, NO BOTTOM, TYPE 1 FRAME, CLOSED LID	EACH	4	\$1,500.00	\$ 6,000.00	\$2,000.00	\$8,000.00	\$2,100.00	\$8,400.00	\$1,600.00	\$6,400.00	\$1,500.00	\$6,000.00	\$2,000.00	\$8,000.00	\$1,250.00	\$5,000.00
20	EXISTING DRINKING FOUNTAIN REMOVAL	EACH	4	\$600.00	\$ 2,400.00	\$450.00	\$1,800.00	\$1,700.00	\$6,800.00	\$700.00	\$2,800.00	\$400.00	\$1,600.00	\$500.00	\$2,000.00	\$110.00	\$440.00
21	REMOVING EXISTING WATER/SEWER STRUCTURE	EACH	4	\$400.00	\$ 1,600.00	\$500.00	\$2,000.00	\$1,900.00	\$7,600.00	\$500.00	\$2,000.00	\$500.00	\$2,000.00	\$500.00	\$2,000.00	\$450.00	\$1,800.00
22	RELOCATE WOODEN POST AND ADJUST WOODEN FENCE	EACH	1	\$600.00	\$ 600.00	\$2,000.00	\$2,000.00	\$4,700.00	\$4,700.00	\$1,500.00	\$1,500.00	\$4,000.00	\$4,000.00	\$500.00	\$500.00	\$870.00	\$870.00
23	DEDICATION MARKER RELOCATION AND PLINTH INSTALLATION	LSUM	1	\$100.00	\$ 100.00	\$3,000.00	\$3,000.00	\$5,800.00	\$5,800.00	\$6,000.00	\$6,000.00	\$3,000.00	\$3,000.00	\$500.00	\$500.00	\$1,000.00	\$1,000.00
	TOTAL ALTERNATE 1 BID	AS	READ		\$81,170.50		\$102,909.50		\$136,526.00		\$93,056.00		\$120,135.00		\$136,629.00		\$95,576.50
	IUIAL ALIERNATE 1 BID	AS CO	RRECTED		·		\$102,909.50		\$137,026.00		\$93,056.00		\$120,135.00		\$136,629.00		\$95,576.50

TOTAL PROJECT BID	AS READ	\$3,817,025.50	\$2,659,566.50	\$2,920,857.00	\$2,952,559.00	\$2,960,620.20	\$3,374,832.40	\$3,598,301.50
TOTAL PROJECT BID	AS CORRECTED		\$2,659,267.00	\$2,921,357.00	\$2,952,559.00	\$2,960,620.20	\$3,374,832.40	\$3,598,301.50

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# 2017 Water Main Improvements and Street Resurfacing Project



This map is provided "as is" without warranties of any kind. See <a href="www.cityofevanston.org/mapdisclaimers.html">www.cityofevanston.org/mapdisclaimers.html</a> for more information.



To: David Stoneback, Public Works Agency Director

Lara Biggs, P.E. Bureau Chief - Capital Planning / City Engineer

Dan Manis, P.E, Senior Project Manager

From: Tammi Nunez, Purchasing Manager

Subject: 2017 Water Main Improvements and Street Resurfacing Project,

Bid 17-03

Date: April 17, 2017

The goal of the Minority, Women and Evanston Business Enterprise Program (M/W/EBE) is to assist such businesses with opportunities to grow. In order to help ensure such growth, the City's goal is to have general contractors utilize M/W/EBEs to perform no less than 25% of the awarded contract. With regard to the 2017 Water Main Improvements and Street Resurfacing Project, Bid 17-03, Joel Kennedy Constructing Corporation's total base bid is \$2,659,267.00 and they will receive 23.6% credit for compliance towards the M/W/EBE goal.

Name of M/W/EBE	Scope of Work	Contract Amount	%	MBE	WBE	EBE
Ozinga Ready Mix Concrete 2525 W. Oakton Evanston, IL 60201	Concrete	\$190,000.00	7%			X
E. King Construction 3865 W. Columbus Ave Chicago, IL 60652	Freight Trucking	\$50,000.00	1.8%		Х	
Menini Cartage, Inc. 951-B Estes Court Schaumburg, IL 60193	Freight Trucking	\$55,000.00	2%		Х	
Orient Express Service 26526 N. US Highway 12 Wanconda, IL 60084	Gravel Hauling	\$60,000.00	2.2%	Х		
Chicagoland Truckin' Company 5494 W. Roosevelt Road Chicago, IL 60644	Dump Trucking	\$92,000.00	3.5%	Х		
Midwest Rem Enterprise, Inc. 2601 W. Lemoyne Melrose Park, IL 60160	Specialized Freight	\$10,000.00	.3%	Х		
Roughneck Concrete Drilling 8400 Lehigh Ave Morton Grove, IL 60053	Construction	\$23,769.00	.8%		Х	
Barrera Construction Inc. 123 Red Oak Court West Chicago, IL 60185	Concrete Paving	\$160,000.00	6%	Х		
Total M/W/EBE		\$640,769.00	23.6%			

CC: Martin Lyons, Assistant City Manager/CFO