

**CITY OF EL PASO, TEXAS**  
**REQUEST FOR COUNCIL ACTION (RCA)**

**DEPARTMENT:** ENGINEERING DEPARTMENT

**AGENDA DATE:** April 7, 2009

**CONTACT PERSON/PHONE:** Terrence Freiburg, Purchasing Manager, Financial Services, (X-4313)

R. Alan Shubert, P.E., City Engineer, (X-4423)

**DISTRICT(S) AFFECTED:** 1

**SUBJECT:**

Bid No. 2009-123  
UPPER VALLEY DRAINAGE IMPROVEMENTS PH IB

**BACKGROUND / DISCUSSION:**

It is recommended that this contract be awarded to Bain Enterprises, LLC dba Bain Construction, as the lowest, most responsive and responsible bidder meeting specifications, Base Bid I, Base Bid II and Option #1 for an estimated contract amount of **\$1,417,632.63** for Solicitation No. 2009-123.

The proposal for this project was presented with in two base bids and one option. It is recommended that this project be awarded in the following matter:

Base Bid I - \$727,096.15 (Base Bid I \$987,722.93, Deduct item #23 <-\$260,626.78>)

- Consist of earthwork, basin expansion and improvements along with associated drainage improvements.
- Bid Item #23 is for dewatering for Base Bid I only.

Base Bid II - \$317,536.48 (Base Bid II \$436,605.36, Deduct item #3 <-\$119,068.88>)

- Consist of the draw down pump station improvements.
- Bid Item #3 is for dewatering for Base Bid II only.

Option #1 - \$373,000.00

- Consist of dewatering for both Base Bid I and II combined.

Total Contract time is for a period of two hundred eighteen (218) Consecutive Calendar Days; (168 days for Substantial Completion and 50 days for remaining of work).

Base Bid I (Milestone 1) shall be completed with in Eighty-Four (84) consecutive calendar days from notice to proceed and will run concurrently to the work days allocated for the entire project.

Base Bid II shall be substantially completed with in One Hundred Sixty Eight (168) consecutive calendar days from notice to proceed.

The construction required to complete this project is to improve the drainage detention capacity of the McCutcheon Basin. The project consists of increasing the size of the basin by expanding the size and installing a pump station to draw down the water level at the basins.

**PRIOR COUNCIL ACTION:**

N/A \_\_\_\_\_

**AMOUNT AND SOURCE OF FUNDING:**

Funding sources are: 14200500 -508027- 27264 - PSTM06 PW26-0B  
Storm 2006

**BOARD / COMMISSION ACTION:**

N/A

\*\*\*\*\*REQUIRED AUTHORIZATION\*\*\*\*\*

**LEGAL:** (if required) \_\_\_\_\_ **FINANCE:** (if required) \_\_\_\_\_

**DEPARTMENT HEAD:** \_\_\_\_\_ 

Cc: Patricia D. Aduato, Deputy City Manager Development and Infrastructure Services

**APPROVED FOR AGENDA:**

**CITY MANAGER:** \_\_\_\_\_ **DATE:** \_\_\_\_\_



# RECOMMENDATION

JOHN COOK  
MAYOR



CITY COUNCIL

ANN MORGAN LILLY, DISTRICT 1  
SUSANNAH M. BYRD, DISTRICT 2  
J. ALEXANDRO LOZANO, DISTRICT 3  
MELINA CASTRO, DISTRICT 4  
RACHEL QUINTANA, JR., DISTRICT 5  
EDDIE HOLGUIN JR., DISTRICT 6  
STEVE ORTEGA, DISTRICT 7  
BETO O'ROURKE, DISTRICT 8

JOYCE WILSON  
CITY MANAGER

## ENGINEERING DEPARTMENT

March 16, 2009

TO: Sandra Jimenez, Contract Compliance Specialist  
TROUGH: Sam Rodriguez, Engineering Division Manager  
FROM: Julian Rodriguez, Project Manager *JR*  
CC: Gonzalo Cedillo, Storm Water Utility  
SUBJECT: **Upper Valley Drainage Improvements PH IB**  
**Solicitation No. 2009-123**

# RECOMMENDATION

We have reviewed the above subject bid and we recommend that **Base Bid I, Base Bid II & Option #1** be awarded to **Bain Construction**, as the lowest most responsive and responsible bidder meeting specifications.

Total estimated contract award of **\$1,417,632.63**

Base Bid I      \$727,096.15 (Base Bid I \$987,722.93, Deduct item #23 <-\$260,626.78>)  
Base Bid II     \$317,536.48 (Base Bid II \$436,605.36, Deduct item #3 <-\$119,068.88>)  
Option #1      \$373,000.00

If you have any question please call me at 541-4203

# City of El Paso

## Scope of Work

### Upper Valley Drainage Improvements Ph. IB Solicitation No. 2009-123

#### McCutcheon Basin Modifications:

The work, defined under project specifications, covers all items of construction required for the modification of the McCutcheon Basin as shown on the project drawings. This shall include but is not limited to: layout, excavation, import of soil from barrow source, subgrade preparation, construction of foundation and berms to elevations and grades shown on the plans and specification requirements. Work shall include placement of loose rock rip rap on exterior of the berms as shown on drawings. Basin shall have 6-inch base course road around the perimeter of basin with sections overlaid with 2-inch HMAC as shown in the plans. Other improvements include: selective demolition, removing and replacing the existing concrete flumes as shown in plans; storm sewer pipes; inlets; manholes; outlet structures; and, chain link fence and rockwall at perimeter of basin. The construction shall include: implementation and maintenance of a storm water pollution prevention plan; dewatering as required; and, all other incidental and subsidiary items necessary to construct a completed facility.

#### McCutcheon Pump Station:

The work, defined under project specifications, covers all items required for the construction of the new McCutcheon Basin Pump Station. The construction shall include but is not limited to: the basin draw down pump station installation, electrical Building, including: asphalt paving, concrete header curb, site electrical service, weir structures with concrete apron and manual bar screens, and site piping as shown on the drawings. The construction shall include: implementation and maintenance of a storm water pollution prevention plan; dewatering as required; and, all other incidental and subsidiary items necessary to construct a completed facility.

**This is a unit price requirements contract with the City of El Paso.**

## CITY OF EL PASO BID TABULATION

**BID TITLE:** UPPER VALLEY ROAD STREET AND DRAINAGE IMPROVEMENTS PHASE IB  
**BID DATE:** MARCH 4, 2009

**BID NO:** 2009-123  
**DEPARTMENT:** ENGINEERING

				BAIN CONSTRUCTION HORIZON CITY, TEXAS		DANNY SANDER CONSTRUCTION, INC. EL PASO, TEXAS		J. A. R. CONSTRUCTION, INC. EL PASO, TEXAS		MARTINEZ BROS. CONTRACTORS, LLC EL PASO, TEXAS	
ITEM #	EST. QTY	UNITS	DESCRIPTION	SUM OF(UNITS)	TOTAL	SUM OF(UNITS)	TOTAL	SUM OF(UNITS)	TOTAL	SUM OF(UNITS)	TOTAL
<b>BASE BID I - UNIT PRICE SCHEDULE</b>											
1	1	LS	MOBILIZATION	\$25,294.26	\$25,294.26	\$65,000.00	\$65,000.00	\$50,000.00	\$50,000.00	\$34,500.00	\$34,500.00
2	1	LS	STORM WATER POLLUTION PREVENTION PLAN	\$6,851.18	\$6,851.18	\$20,000.00	\$20,000.00	\$15,000.00	\$15,000.00	\$19,550.00	\$19,550.00
3	1	LS	TRAFFIC CONTROL PLAN	\$7,755.32	\$7,755.32	\$10,000.00	\$10,000.00	\$80,000.00	\$80,000.00	\$5,750.00	\$5,750.00
4	1	LS	EARTHWORK	\$326,385.85	\$326,385.85	\$445,000.00	\$445,000.00	\$375,000.00	\$375,000.00	\$345,000.00	\$345,000.00
5	380	SY	REMOVE CONCRETE FLUMES	\$13.19	\$5,012.20	\$16.00	\$6,080.00	\$40.00	\$15,200.00	\$5.75	\$2,185.00
6	1,760	LF	REMOVE CHAIN-LINK FENCE W/METAL POSTS	\$2.86	\$5,033.60	\$5.00	\$8,800.00	\$2.00	\$3,520.00	\$1.15	\$2,024.00
7	1,416	SY	ASPHALT PAVEMENT TYPE "C" (1.5" HMA, 6" BASE COURSE AND 6" SUBGRADE	\$17.56	\$24,864.96	\$28.00	\$39,648.00	\$21.00	\$29,736.00	\$19.84	\$28,093.44
8	7,315	SY	6" BASE COURSE/6" SUBGRADE	\$6.52	\$47,693.80	\$12.00	\$87,780.00	\$10.00	\$73,150.00	\$7.44	\$54,423.60
9	98	SY	CONCRETE ROCK RIP RAP	\$44.89	\$4,399.22	\$50.00	\$4,900.00	\$61.00	\$5,978.00	\$43.70	\$4,282.60

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**DEPARTMENT:** ENGINEERING

				BAIN CONSTRUCTION HORIZON CITY, TEXAS		DANNY SANDER CONSTRUCTION, INC. EL PASO, TEXAS		J. A. R. CONSTRUCTION, INC. EL PASO, TEXAS		MARTINEZ BROS. CONTRACTORS, LLC EL PASO, TEXAS	
ITEM #	EST. QTY	UNITS	DESCRIPTION	SUM OF(UNITS)	TOTAL	SUM OF(UNITS)	TOTAL	SUM OF(UNITS)	TOTAL	SUM OF(UNITS)	TOTAL
<b>BASE BID I - UNIT PRICE SCHEDULE</b>											
10	1	EACH	TYPE I INLET (6-GRATE)	\$9,194.04	\$9,194.04	\$12,000.00	\$12,000.00	\$12,000.00	\$12,000.00	\$9,775.00	\$9,775.00
11	645	LF	36" RCP PIPE	\$74.05 (Contractor's Total) (\$47,984.40)	\$47,762.25	\$99.00	\$63,855.00	\$76.00	\$49,020.00	\$121.90	\$78,625.50
12	16	LF	30" RCP PIPE	\$59.74	\$955.84	\$99.00	\$1,584.00	\$113.00	\$1,808.00	\$71.30	\$1,140.80
13	501	LF	24" RCP PIPE	\$45.42 (Contractor's Total) (\$22,891.68)	\$22,755.42	\$77.00	\$38,577.00	\$50.00	\$25,050.00	\$57.50	\$28,807.50
14	544	SY	CONCRETE RIP RAP	\$51.60	\$28,070.40	\$65.00	\$35,360.00	\$82.00	\$44,608.00	\$37.38	\$20,334.72
15	1,340	PERCH	ROCK WALL	\$95.32	\$127,728.80	\$100.00	\$134,000.00	\$32.00	\$42,880.00	\$86.25	\$115,575.00
16	1,060	LF	CHAIN-LINK FENCE W/METAL POSTS AND BARB WIRE	\$17.04	\$18,062.40	\$18.00	\$19,080.00	\$33.00	\$34,980.00	\$28.75	\$30,475.00
17	4	EACH	WROUGHT IRON GATE	\$2,520.48	\$10,081.92	\$5,000.00	\$20,000.00	\$3,100.00	\$12,400.00	\$4,025.00	\$16,100.00
18	4	EACH	CONCRETE COLLARS	\$808.10	\$3,232.40	\$1,500.00	\$6,000.00	\$1,600.00	\$6,400.00	\$402.50	\$1,610.00

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**DEPARTMENT:** ENGINEERING

				BAIN CONSTRUCTION HORIZON CITY, TEXAS		DANNY SANDER CONSTRUCTION, INC. EL PASO, TEXAS		J. A. R. CONSTRUCTION, INC. EL PASO, TEXAS		MARTINEZ BROS. CONTRACTORS, LLC EL PASO, TEXAS	
ITEM #	EST. QTY	UNITS	DESCRIPTION	SUM OF(UNITS)	TOTAL	SUM OF(UNITS)	TOTAL	SUM OF(UNITS)	TOTAL	SUM OF(UNITS)	TOTAL
<b>BASE BID I - UNIT PRICE SCHEDULE</b>											
19	95	LF	6-INCH STANDARD CURB AND GUTTER	\$19.87	\$1,887.65	\$25.00	\$2,375.00	\$21.00	\$1,995.00	\$16.10	\$1,529.50
20	2	EACH	ADA RAMPS	\$789.24	\$1,578.48	\$1,000.00	\$2,000.00	\$790.00	\$1,580.00	\$690.00	\$1,380.00
21	70	SY	ASPHALT REMOVAL	\$10.59	\$741.30	\$25.00	\$1,750.00	\$15.00	\$1,050.00	\$5.75	\$402.50
22	1	LS	GUARDRAIL AND HANDRAIL REMOVAL & DISPOSAL	\$1,754.86	\$1,754.86	\$10,000.00	\$10,000.00	\$475.00	\$475.00	\$230.00	\$230.00
23	1	LS	DEWATERING (MCCUTCHEON BASIN)	\$260,626.78	\$260,626.78	\$295,000.00	\$295,000.00	\$280,000.00	\$280,000.00	\$315,000.00	\$315,000.00
<b>SUM TOTAL BASE BID I (ITEMS NO. 1 THRU NO. 23 )</b>					\$987,722.93		\$1,328,789.00		\$1,161,830.00		\$1,116,794.16
					(Contractor's Total)						
					(\$988,081.34)						
<b>BASE BID II - UNIT PRICE SCHEDULE MCCUTCHEON PUMP STATION</b>											
1	1	LS	MOBILIZATION	\$15,152.69	\$15,152.69	\$30,000.00	\$30,000.00	\$21,000.00	\$21,000.00	\$13,800.00	\$13,800.00
2	1	LS	VIDEO TAPE SITE	\$1,789.69	\$1,789.69	\$2,500.00	\$2,500.00	\$850.00	\$850.00	\$575.00	\$575.00

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ITEM #	EST. QTY	UNITS	DESCRIPTION	SUM OF(UNITS)	TOTAL	SUM OF(UNITS)	TOTAL	SUM OF(UNITS)	TOTAL	SUM OF(UNITS)	TOTAL
<b>BASE BID II - UNIT PRICE SCHEDULE MCCUTCHEON PUMP STATION</b>											
3	1	LS	DEWATERING (PUMP STATION)	\$119,068.88	\$119,068.88	\$155,000.00	\$155,000.00	\$100,000.00	\$100,000.00	\$143,462.50	\$143,462.50
4	1	LS	PUMP STATION, ELECTRICAL BUILDING AND SITE WORK	\$199,460.26	\$199,460.26	\$320,000.00	\$320,000.00	\$268,000.00	\$268,000.00	\$267,375.00	\$267,375.00
5	1	LS	PUMP STATION SITE ELECTRICAL AND INSTRUMENTATION	\$101,133.84	\$101,133.84	\$95,000.00	\$95,000.00	\$105,000.00	\$105,000.00	\$98,463.00	\$98,463.00
<b>SUM TOTAL BASE BID II (ITEMS NO. 1 THRU NO. 5 )</b>					\$436,605.36		\$602,500.00		\$494,850.00		\$523,675.50
<b>GRAND TOTAL FOR BASE BID I, BASE BID II,</b>					\$1,424,328.29		\$1,931,289.00		\$1,656,680.00		\$1,640,469.66
<b>OPTION #1 - UNIT PRICE SCHEDULE</b>											
1	1	LS	DEWATERING (MCCUTCHEON BASIN AND PUMP STATION )	\$373,000.00	\$373,000.00	\$450,000.00	\$450,000.00	\$368,000.00	\$368,000.00	\$425,000.00	\$425,000.00
<b>SUM TOTAL OPTION # 1</b>					\$373,000.00		\$450,000.00		\$368,000.00		\$425,000.00
<b>BID BOND SUBMITTED</b>				YES		YES		YES		YES	
<b>AMENDMENTS ACKNOWLEDGED</b>				YES		YES		YES		YES	

## CITY OF EL PASO BID TABULATION

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**BID DATE:** MARCH 4, 2009

**BID NO:** 2009-123  
**DEPARTMENT:** ENGINEERING

				RED CLIFF, INC. EL PASO, TEXAS		SAAB SITE CONTRACTORS, L.P. EL PASO, TEXAS		SMITHCO CONSTRUCTION, INC. CABALLO, NM		SOUTHWEST GROWTH CORP. EL PASO, TEXAS	
ITEM #	EST. QTY	UNITS	DESCRIPTION	SUM OF(UNITS)	TOTAL	SUM OF(UNITS)	TOTAL	SUM OF(UNITS)	TOTAL	SUM OF(UNITS)	TOTAL
<b>BASE BID I - UNIT PRICE SCHEDULE</b>											
1	1	LS	MOBILIZATION	\$50,000.00	\$50,000.00	\$40,852.00	\$40,852.00	\$25,000.00	\$25,000.00	\$135,000.00	\$135,000.00
2	1	LS	STORM WATER POLLUTION PREVENTION PLAN	\$10,000.00	\$10,000.00	\$14,752.00	\$14,752.00	\$15,000.00	\$15,000.00	\$22,500.00	\$22,500.00
3	1	LS	TRAFFIC CONTROL PLAN	\$4,000.00	\$4,000.00	\$13,818.00	\$13,818.00	\$15,000.00	\$15,000.00	\$25,000.00	\$25,000.00
4	1	LS	EARTHWORK	\$640,000.00	\$640,000.00	\$193,824.00	\$193,824.00	\$525,000.00	\$525,000.00	\$120,000.00	\$120,000.00
5	380	SY	REMOVE CONCRETE FLUMES	\$29.00	\$11,020.00	\$12.50	\$4,750.00	\$25.00	\$9,500.00	\$9.00	\$3,420.00
6	1,760	LF	REMOVE CHAIN-LINK FENCE W/METAL POSTS	\$1.00	\$1,760.00	\$3.40	\$5,984.00	\$5.00	\$8,800.00	\$45.00	\$79,200.00
7	1,416	SY	ASPHALT PAVEMENT TYPE "C" (1.5" HMAC, 6" BASE COURSE AND 6" SUBGRADE	\$20.00	\$28,320.00	\$20.00	\$28,320.00	\$22.00	\$31,152.00	\$27.00	\$38,232.00
8	7,315	SY	6" BASE COURSE/6" SUBGRADE	\$10.00	\$73,150.00	\$7.20	\$52,668.00	\$10.00	\$73,150.00	\$12.00	\$87,780.00
9	98	SY	CONCRETE ROCK RIP RAP	\$83.00	\$8,134.00	\$76.20	\$7,467.60	\$65.00	\$6,370.00	\$75.00	\$7,350.00

## CITY OF EL PASO BID TABULATION

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**DEPARTMENT:** ENGINEERING

				RED CLIFF, INC. EL PASO, TEXAS		SAAB SITE CONTRACTORS, L.P. EL PASO, TEXAS		SMITHCO CONSTRUCTION, INC. CABALLO, NM		SOUTHWEST GROWTH CORP. EL PASO, TEXAS	
ITEM #	EST. QTY	UNITS	DESCRIPTION	SUM OF(UNITS)	TOTAL	SUM OF(UNITS)	TOTAL	SUM OF(UNITS)	TOTAL	SUM OF(UNITS)	TOTAL
<b>BASE BID I - UNIT PRICE SCHEDULE</b>											
10	1	EACH	TYPE I INLET (6-GRATE)	\$7,400.00	\$7,400.00	\$9,203.00	\$9,203.00	\$25,000.00	\$25,000.00	\$8,500.00	\$8,500.00
11	645	LF	36" RCP PIPE	\$80.00	\$51,600.00	\$83.20	\$53,664.00	\$90.00	\$58,050.00	\$145.00	\$93,525.00
12	16	LF	30" RCP PIPE	\$75.00	\$1,200.00	\$59.60	\$953.60	\$80.00	\$1,280.00	\$130.00	\$2,080.00
13	501	LF	24" RCP PIPE	\$53.00	\$26,553.00	\$36.30	\$18,186.30	\$60.00	\$30,060.00	\$105.00	\$52,605.00
14	544	SY	CONCRETE RIP RAP	\$80.00	\$43,520.00	\$33.50	\$18,224.00	\$135.00	\$73,440.00	\$45.00	\$24,480.00
15	1,340	PERCH	ROCK WALL	\$40.00	\$53,600.00	\$108.00	\$144,720.00	\$70.00	\$93,800.00	\$85.00	\$113,900.00
16	1,060	LF	CHAIN-LINK FENCE W/METAL POSTS AND BARB WIRE	\$20.00	\$21,200.00	\$22.00	\$23,320.00	\$25.00	\$26,500.00	\$45.00	\$47,700.00
17	4	EACH	WROUGHT IRON GATE	\$5,500.00	\$22,000.00	\$5,140.00	\$20,560.00	\$2,000.00	\$8,000.00	\$1,850.00	\$7,400.00
18	4	EACH	CONCRETE COLLARS	\$1,000.00	\$4,000.00	\$1,135.00	\$4,540.00	\$400.00	\$1,600.00	\$350.00	\$1,400.00

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ITEM #	EST. QTY	UNITS	DESCRIPTION	SUM OF(UNITS)	TOTAL	SUM OF(UNITS)	TOTAL	SUM OF(UNITS)	TOTAL	SUM OF(UNITS)	TOTAL
<b>BASE BID I - UNIT PRICE SCHEDULE</b>											
19	95	LF	6-INCH STANDARD CURB AND GUTTER	\$11.00	\$1,045.00	\$12.80	\$1,216.00	\$20.00	\$1,900.00	\$13.00	\$1,235.00
20	2	EACH	ADA RAMPS	\$700.00	\$1,400.00	\$687.00	\$1,374.00	\$650.00	\$1,300.00	\$1,100.00	\$2,200.00
21	70	SY	ASPHALT REMOVAL	\$18.00	\$1,260.00	\$8.00	\$560.00	\$10.00	\$700.00	\$5.00	\$350.00
22	1	LS	GUARDRAIL AND HANDRAIL REMOVAL & DISPOSAL	\$2,000.00	\$2,000.00	\$340.00	\$340.00	\$5,000.00	\$5,000.00	\$750.00	\$750.00
23	1	LS	DEWATERING (MCCUTCHEON BASIN)	\$222,000.00	\$222,000.00	\$297,305.00	\$297,305.00	\$315,000.00	\$315,000.00	\$295,000.00	\$295,000.00
<b>SUM TOTAL BASE BID I (ITEMS NO. 1 THRU NO. 23 )</b>					\$1,285,162.00		\$956,601.50		\$1,350,602.00		\$1,169,607.00
<b>BASE BID II - UNIT PRICE SCHEDULE MCCUTCHEON PUMP STATION</b>											
1	1	LS	MOBILIZATION	\$20,000.00	\$20,000.00	\$10,564.00	\$10,564.00	\$25,000.00	\$25,000.00	\$52,500.00	\$52,500.00
2	1	LS	VIDEO TAPE SITE	\$1,000.00	\$1,000.00	\$1,702.00	\$1,702.00	\$1,000.00	\$1,000.00	\$2,500.00	\$2,500.00

## CITY OF EL PASO BID TABULATION

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BID DATE: MARCH 4, 2009								DEPARTMENT: ENGINEERING			
				RED CLIFF, INC. EL PASO, TEXAS		SAAB SITE CONTRACTORS, L.P. EL PASO, TEXAS		SMITHCO CONSTRUCTION, INC. CABALLO, NM		SOUTHWEST GROWTH CORP. EL PASO, TEXAS	
ITEM #	EST. QTY	UNITS	DESCRIPTION	SUM OF(UNITS)	TOTAL	SUM OF(UNITS)	TOTAL	SUM OF(UNITS)	TOTAL	SUM OF(UNITS)	TOTAL
<b>BASE BID II - UNIT PRICE SCHEDULE MCCUTCHEON PUMP STATION</b>											
3	1	LS	DEWATERING (PUMP STATION)	\$80,000.00	\$80,000.00	\$127,201.00	\$127,201.00	\$165,000.00	\$165,000.00	\$175,000.00	\$175,000.00
4	1	LS	PUMP STATION, ELECTRICAL BUILDING AND SITE WORK	\$259,000.00	\$259,000.00	\$344,955.00	\$344,955.00	\$230,000.00	\$230,000.00	\$195,000.00	\$195,000.00
5	1	LS	PUMP STATION SITE ELECTRICAL AND INSTRUMENTATION	\$155,000.00	\$155,000.00	\$71,329.00	\$71,329.00	\$80,000.00	\$80,000.00	\$125,000.00	\$125,000.00
<b>SUM TOTAL BASE BID II (ITEMS NO. 1 THRU NO. 5 )</b>					\$515,000.00		\$555,751.00		\$501,000.00		\$550,000.00
<b>GRAND TOTAL FOR BASE BID I, BASE BID II,</b>					\$1,800,162.00		\$1,512,352.50		\$1,851,602.00		\$1,719,607.00
<b>OPTION #1 - UNIT PRICE SCHEDULE</b>											
1	1	LS	DEWATERING (MCCUTCHEON BASIN AND PUMP STATION )	\$302,000.00	\$302,000.00			\$455,000.00	\$455,000.00	\$405,000.00	\$405,000.00
<b>SUM TOTAL OPTION # 1</b>					\$302,000.00				\$455,000.00		\$405,000.00
<b>BID BOND SUBMITTED</b>					YES		YES		YES		YES
<b>AMENDMENTS ACKNOWLEDGED</b>					YES		YES		YES		YES

## CITY OF EL PASO BID TABULATION

BID TITLE: UPPER VALLEY ROAD STREET AND DRAINAGE IMPROVEMENTS PHASE IB  
 BID DATE: MARCH 4, 2009

BID NO: 2009-123  
 DEPARTMENT: ENGINEERING

				T - DYNE CONTRACTORS LLC EL PASO, TEXAS							
ITEM #	EST. QTY	UNITS	DESCRIPTION	SUM OF(UNITS)	TOTAL	SUM OF(UNITS)	TOTAL	SUM OF(UNITS)	TOTAL	SUM OF(UNITS)	TOTAL
<b>BASE BID I - UNIT PRICE SCHEDULE</b>											
1	1	LS	MOBILIZATION	\$6,020.00	\$6,020.00		\$0.00		\$0.00		\$0.00
2	1	LS	STORM WATER POLLUTION PREVENTION PLAN	\$19,780.00	\$19,780.00		\$0.00		\$0.00		\$0.00
3	1	LS	TRAFFIC CONTROL PLAN	\$14,860.00	\$14,860.00		\$0.00		\$0.00		\$0.00
4	1	LS	EARTHWORK	\$637,000.00	\$637,000.00		\$0.00		\$0.00		\$0.00
5	380	SY	REMOVE CONCRETE FLUMES	\$17.72	\$6,733.60		\$0.00		\$0.00		\$0.00
6	1,760	LF	REMOVE CHAIN-LINK FENCE W/METAL POSTS	\$3.96	\$6,969.60		\$0.00		\$0.00		\$0.00
7	1,416	SY	ASPHALT PAVEMENT TYPE "C" (1.5" HMAC, 6" BASE COURSE AND 6" SUBGRADE	\$26.90	\$38,090.40		\$0.00		\$0.00		\$0.00
8	7,315	SY	6" BASE COURSE/6" SUBGRADE	\$14.56	\$106,506.40		\$0.00		\$0.00		\$0.00
9	98	SY	CONCRETE ROCK RIP RAP	\$32.90	\$3,224.20		\$0.00		\$0.00		\$0.00

## CITY OF EL PASO BID TABULATION

BID TITLE: UPPER VALLEY ROAD STREET AND DRAINAGE IMPROVEMENTS PHASE IB  
 BID DATE: MARCH 4, 2009

BID NO: 2009-123  
 DEPARTMENT: ENGINEERING

				T - DYNE CONTRACTORS LLC EL PASO, TEXAS							
ITEM #	EST. QTY	UNITS	DESCRIPTION	SUM OF(UNITS)	TOTAL	SUM OF(UNITS)	TOTAL	SUM OF(UNITS)	TOTAL	SUM OF(UNITS)	TOTAL
<b>BASE BID I - UNIT PRICE SCHEDULE</b>											
10	1	EACH	TYPE I INLET (6-GRATE)	\$12,238.00	\$12,238.00		\$0.00		\$0.00		\$0.00
11	645	LF	36" RCP PIPE	\$85.10	\$54,889.50		\$0.00		\$0.00		\$0.00
12	16	LF	30" RCP PIPE	\$67.20	\$1,075.20		\$0.00		\$0.00		\$0.00
13	501	LF	24" RCP PIPE	\$49.30	\$24,699.30		\$0.00		\$0.00		\$0.00
14	544	SY	CONCRETE RIP RAP	\$61.90	\$33,673.60		\$0.00		\$0.00		\$0.00
15	1,340	PERCH	ROCK WALL	\$105.30	\$141,102.00		\$0.00		\$0.00		\$0.00
16	1,060	LF	CHAIN-LINK FENCE W/METAL POSTS AND BARB WIRE	\$22.00	\$23,320.00		\$0.00		\$0.00		\$0.00
17	4	EACH	WROUGHT IRON GATE	\$2,285.00	\$9,140.00		\$0.00		\$0.00		\$0.00
18	4	EACH	CONCRETE COLLARS	\$460.00	\$1,840.00		\$0.00		\$0.00		\$0.00

## CITY OF EL PASO BID TABULATION

**BID TITLE:** UPPER VALLEY ROAD STREET AND DRAINAGE IMPROVEMENTS PHASE IB  
**BID DATE:** MARCH 4, 2009

**BID NO:** 2009-123  
**DEPARTMENT:** ENGINEERING

				T - DYNE CONTRACTORS LLC EL PASO, TEXAS							
ITEM #	EST. QTY	UNITS	DESCRIPTION	SUM OF(UNITS)	TOTAL	SUM OF(UNITS)	TOTAL	SUM OF(UNITS)	TOTAL	SUM OF(UNITS)	TOTAL
<b>BASE BID I - UNIT PRICE SCHEDULE</b>											
19	95	LF	6-INCH STANDARD CURB AND GUTTER	\$11.20	\$1,064.00		\$0.00		\$0.00		\$0.00
20	2	EACH	ADA RAMPS	\$444.00	\$888.00		\$0.00		\$0.00		\$0.00
21	70	SY	ASPHALT REMOVAL	\$4.50	\$315.00		\$0.00		\$0.00		\$0.00
22	1	LS	GUARDRAIL AND HANDRAIL REMOVAL & DISPOSAL	\$1,975.00	\$1,975.00		\$0.00		\$0.00		\$0.00
23	1	LS	DEWATERING (MCCUTCHEON BASIN)	\$309,330.00	\$309,330.00		\$0.00		\$0.00		\$0.00
<b>SUM TOTAL BASE BID I (ITEMS NO. 1 THRU NO. 23 )</b>					\$1,454,733.80		\$0.00		\$0.00		\$0.00
				(Contractor's Total) (\$1,454,734.00)							
<b>BASE BID II - UNIT PRICE SCHEDULE MCCUTCHEON PUMP STATION</b>											
1	1	LS	MOBILIZATION	\$5,700.00	\$5,700.00		\$0.00		\$0.00		\$0.00
2	1	LS	VIDEO TAPE SITE	\$1,700.00	\$1,700.00		\$0.00		\$0.00		\$0.00

## CITY OF EL PASO BID TABULATION

BID TITLE: UPPER VALLEY ROAD STREET AND DRAINAGE IMPROVEMENTS PHASE IB  
 BID DATE: MARCH 4, 2009

BID NO: 2009-123  
 DEPARTMENT: ENGINEERING

				T - DYNE CONTRACTORS LLC EL PASO, TEXAS							
ITEM #	EST. QTY	UNITS	DESCRIPTION	SUM OF(UNITS)	TOTAL	SUM OF(UNITS)	TOTAL	SUM OF(UNITS)	TOTAL	SUM OF(UNITS)	TOTAL
<b>BASE BID II - UNIT PRICE SCHEDULE MCCUTCHEON PUMP STATION</b>											
3	1	LS	DEWATERING (PUMP STATION)	\$192,500.00	\$192,500.00		\$0.00		\$0.00		\$0.00
4	1	LS	PUMP STATION, ELECTRICAL BUILDING AND SITE WORK	\$315,000.00	\$315,000.00		\$0.00		\$0.00		\$0.00
5	1	LS	PUMP STATION SITE ELECTRICAL AND INSTRUMENTATION	\$68,300.00	\$68,300.00		\$0.00		\$0.00		\$0.00
<b>SUM TOTAL BASE BID II (ITEMS NO. 1 THRU NO. 5 )</b>					\$583,200.00		\$0.00		\$0.00		\$0.00
<b>GRAND TOTAL FOR BASE BID I, BASE BID II,</b>					\$2,037,933.80		\$0.00		\$0.00		\$0.00
<b>OPTION #1 - UNIT PRICE SCHEDULE</b>											
1	1	LS	DEWATERING (MCCUTCHEON BASIN AND PUMP STATION )	\$501,831.00	\$501,831.00		\$0.00		\$0.00		\$0.00
<b>SUM TOTAL OPTION # 1</b>					\$501,831.00		\$0.00		\$0.00		\$0.00
<b>BID BOND SUBMITTED</b>				YES							
<b>AMENDMENTS ACKNOWLEDGED</b>				YES							



# Upper Valley Drainage Phase Ib McCutcheon Pump Station

*STORM 2006  
Priority I Project*



April 7, 2009



## **ORIGINAL SCOPE-January 2008:**

### ***Installation of a Pump Station at McCutcheon & Redd***

**Base Bid I:** Modifications to existing ponds, raise them to increase the capacity **(NOT BUILT)**

**Base Bid II:** Installation of pump station/draw down pump, required to drain the area southeast of Redd/Doniphan **(NOT BUILT)**

**Base Bid III:** Piping for draw down pump to drain the ponds and keep the capacity of the ponds **(COMPLETE)**

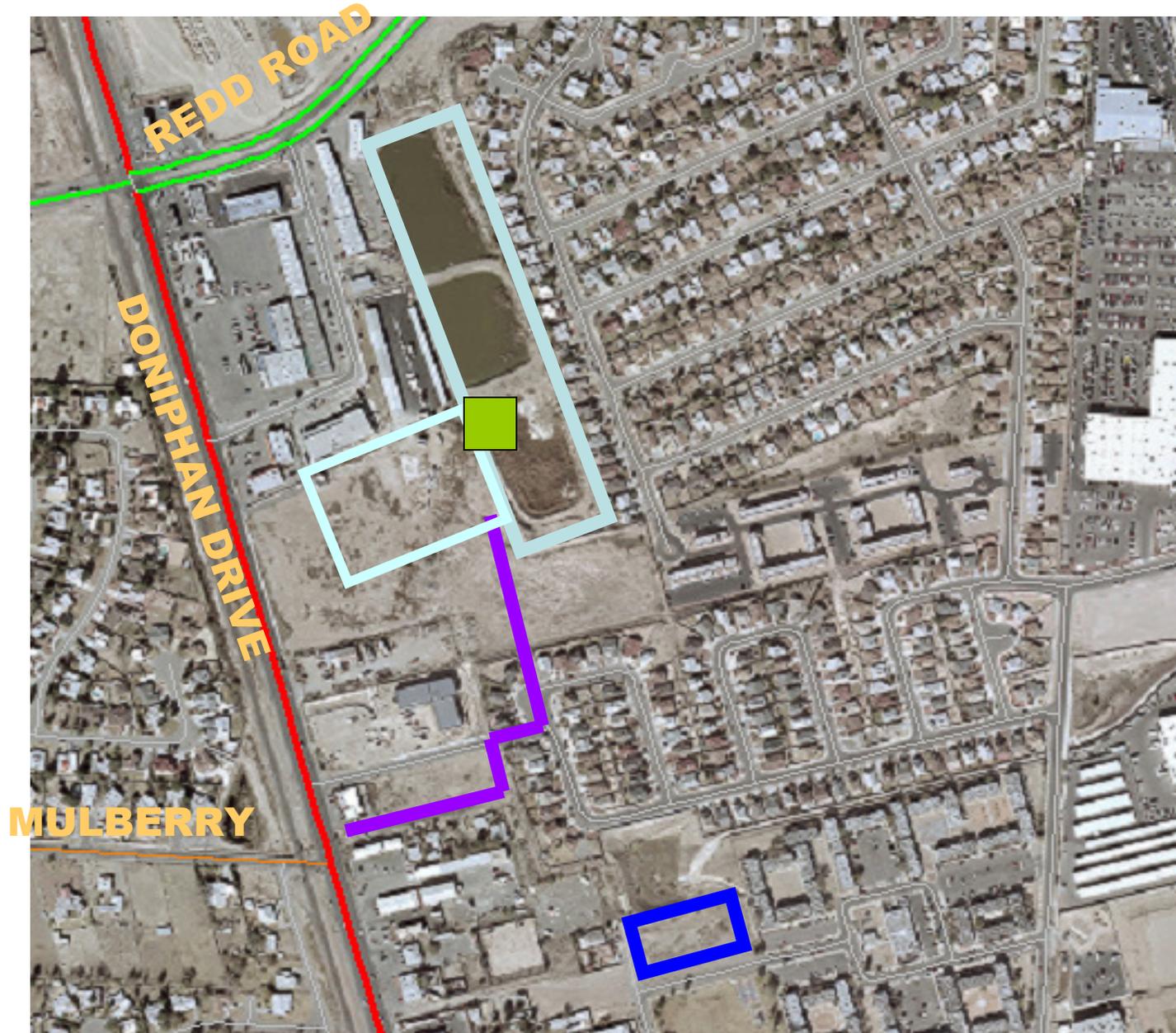
**Base Bid IV:** Expansion of the Joe Santos Basin **(COMPLETE)**



## **Value Engineering Scope (this project):**

### ***Expansion of McCutcheon Basin and Installation of a Drawdown Pump Station***

- **Base Bid I:** Expansion and Modifications to existing ponds
- **Base Bid II:** Installation of a drawdown Pump Station
- **Option 1:** Dewatering of both Base Bids



**BASE BID I**

- Grade**
- Ponds/Expand Pond**

**BASE BID II**

- Install Draw Down Pump**

**BASE BID III-Complete**

- Draw Down Piping**

**BASE IV-Complete**

- Joe Santos Basin Expansion**

**UPPER VALLEY DRAINAGE IMPROVEMENTS – PHASE IB**



- **Funding for this project is from STORM 2006 Cos**

## **Construction Cost**

- **Base Bid I \$ 727,096.15 (\$987,722.93-\$260,626.78)**
- **Base Bid II \$317,536.48 (\$ 436,605.36 – 119,068.88)**
- **Option 1 \$ 373,000**



- **This is a low bid, unit priced contract**
  - Nine bids received
- **The lowest responsible and responsive bid was received from:**
  - Bain Enterprises, LLC dba Bain Construction

**Recommendation:**

**Base Bids I & II, and Option 1 awarded to  
Bain Construction**

**\$1,417,632.63**

**Construction Time: 218 Calendar Days**

**Substantial Completion: 168 Calendar Days**

**Scheduled Completion: December 2009**



# ***Questions/Comments***



# Upper Valley Drainage Phase 1B

## *McCutcheon Pump Station*



April 14, 2009



## Background

- **Forms part of comprehensive Upper Valley Drainage Improvement Project**
- **Priority 1 project under City's Storm 2006 Capital Projects**
- **Related work completed as part of Phase 1**
  - **Piping for draw down pump to drain the ponds and keep capacity of the ponds**
  - **Expansion of the Joe Santos Basin**
  - ***Awarded Base Bids III & IV not I & II***
- **Redesigned project to fit within budget**



# Value Engineering Recommendation

*Scope consists of the expansion of McCutcheon Basin and installation of a drawdown pump station*

**Base Bid I:** Expansion and Modifications to existing ponds

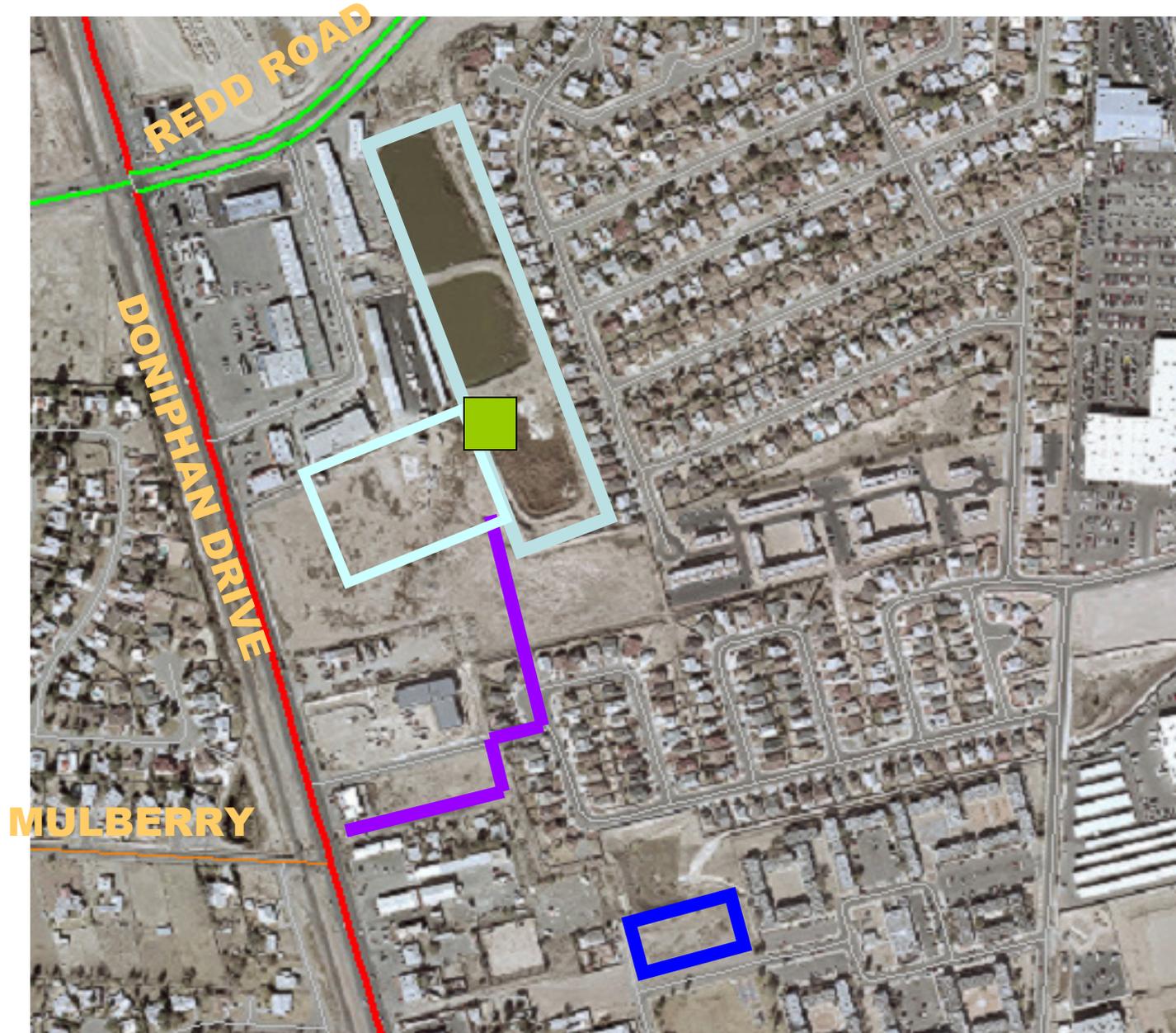
**Base Bid II:** Installation of a drawdown Pump Station

**Option 1:** Dewatering of both Base Bids



- **Funding Source :**  
**STORM 2006 Certificates of Obligation**
- **Construction Cost :**

<b>Base Bid I</b>	<b>\$</b>	<b>727,096.15</b>
<b>Base Bid II</b>	<b>\$</b>	<b>317,536.48</b>
<b>Option 1</b>	<b>\$</b>	<b>373,000</b>
<b>Total Award</b>	<b>\$</b>	<b>1,471,632.63</b>



**BASE BID I**

- Grade**
- Ponds/Expand Pond**

**BASE BID II**

- Install Draw Down Pump**

**BASE BID III-Complete**

- Draw Down Piping**

**BASE IV-Complete**

- Joe Santos Basin Expansion**

**UPPER VALLEY DRAINAGE IMPROVEMENTS – PHASE IB**



## Recommendation

- **Contract be awarded to 1 contractor**
- **Lowest responsible and responsive bid received from:**
  - **Bain Enterprises, LLC dba Bain Construction**
- **Base Bids I & II and Option 1 be awarded to Bain Construction**
  - **\$1,417,632.63 total estimated award**
- **Total Construction Time: 218 Calendar Days**
- **Substantial Completion: 168 Calendar Days**
- **Scheduled Completion: December 2009**



	<b><i>Bain Construction</i></b>	<b><i>SAAB Site Contractors</i></b>
<b>BASE BID I</b> Earthwork/Drainage	<b>\$ 987,722.93</b>	<b>\$ 956,601.50</b>
<b>Deduct Item # 23</b> Dewatering	<b>\$ 260,626.78</b>	<b>\$ 297,305.00</b>
<b>Total</b>	<b>\$ 727,096.15</b>	<b>\$ 659,296.50</b>
<b>BASE BID II</b> Pump Station	<b>\$ 436,605.36</b>	<b>\$ 555,751.00</b>
<b>Deduct Item # 3</b> Dewatering	<b>\$ 119,068.88</b>	<b>\$ 127,201.00</b>
<b>Total</b>	<b>\$ 317,536.48</b>	<b>\$ 428, 550.00</b>
<b>Option 1</b> Dewatering	<b>\$ 373,000.00</b>	<b>(Left Blank)</b>
<b>Grand Total</b>	<b>\$ 1,417,632.63</b>	<b>???</b>



## **Additional Recommendation Factors**

- **Immediacy of schedule**
  - **Need to address area flooding**
- **Selection standard one contractor per site**
  - **Creates precedent**
- **Streamlined project oversight/execution**
- **Mitigates risk to City**



# *Questions/Comments*