

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

DEPARTMENT: Engineering  
AGENDA DATE: February 5, 2008  
CONTACT PERSON/PHONE: R. Alan Shubert, P.E., City Engineer, Phone # 541-4630  
Terrence Freiburg, Purchasing Manager, Phone 541-4313  
PROJECT NAME/SOLICITATION NO. Storm 2006: Upper Valley Drainage Improvements Phase I, Solicitation  
No. 2008-073

DISTRICT(S) AFFECTED: 1

**SUBJECT:**

Discussion and action on the award of Solicitation No. 2008-073 for the Construction of Storm 2006: Upper Valley Drainage Improvements Phase I to C.F. Jordan, L.P., El Paso, Texas as follows: Base Bid III \$257,080.00, Base Bid IV \$780,745.00 for an estimated total amount of \$ 1,037,825.00

It is requested that the City Manager of the City of El Paso be authorized to sign any contracts or other documents required to effectuate this award and be authorized to exercise on behalf of the City any extensions of the contract.

Work under this unit price contract is only an estimated value and will be ordered, performed, invoiced, and paid by measured quantity. The actual cost of this contract will be the sum total of unit prices at the end of the contract term.

As part of the award of this contract, the City Engineering Department may, without further authorization from City Council, approve contract changes which are necessary for proper construction of the work and carrying out the intent of the design, which are in accordance with applicable law, and which do not make changes to the unit price and which are within the appropriate budget.

This is a low bid, unit-price contract. The Financial Services and Engineering Departments recommend award as indicated to the lowest responsive, responsible bidder.

**BACKGROUND / DISCUSSION:**

Drainage improvement projects have been the main thrust of the City's Engineering Department since the unfortunate events of the flooding storms of the year 2006. This project will help alleviate much flooding to this part of the city located within district No. 1 in the Upper Valley. This drainage project was critically needed, constant flooding has been a problem endured by the residents of this area for a very long time. The Upper Valley Drainage Improvements Phase I Project will bring much needed drainage infrastructure improvements to these neighborhoods, area residents will enjoy more pleasant living conditions brought about by the added sense of security and higher quality of life when construction of this project is finished. The solicitation for bids for this project is based on a Unit-Price contract that is awarded on the basis of the lowest total amount bid for all the items in the solicitation proposal. C.F. Jordan, L.P. submitted the lowest responsive and responsible bid. The purpose of this agenda item is to award this project to C.F. Jordan, L.P. the lowest responsive and responsible bidder. The approximate total value awarded for this project is estimated to be \$1,037,825.00. C.F. Jordan was the sole contractor submitting a bid for this solicitation.

**PRIOR COUNCIL ACTION:**

N/A

**AMOUNT AND SOURCE OF FUNDING:**

Funding for this award is available as follows:

Funding Source	Storm 2006 Bond Issue
Project	PSTM06PW26-0
Department	14200500
Fund	27264
Account	508027

CITY CLERK DEPT.  
08 JAN 31 AM 11:28

**BOARD / COMMISSION ACTION:**

N/A

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

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

**DEPARTMENT HEAD:** \_\_\_\_\_  
 (Example: if RCA is initiated by Financial Services, client department should sign also)  
*Information copy to appropriate Deputy City Manager*

**APPROVED FOR AGENDA:**

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

**CONSTRUCTION PROJECT FORM**  
Unit Price

CITY CLERK DEPT.  
09 JAN 31 AM 11:28

**DATE:** January 31, 2008  
**PROJECT:** Storm 2006: Upper Valley Drainage Improvements Phase I  
**SOLICITATION NO:** 2008-073  
**ACCOUNT NO(S):** PSTM06PW26-0 - 27264 - 14200500 - 508027  
**FUNDING SOURCE:** Storm 2006 Bond Issue  
**DEPARTMENT:** Engineering Department  
**DISTRICT(S):** 1

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**AGENDA DATE:** February 5, 2008      **Lowest responsive and responsible bidder:**  
**CONTRACTOR:** C. F. Jordan, L.P.  
**TOTAL ESTIMATED MINIMUM AMOUNT:** \$ 1,037,825.00

**RECOMMENDATION:**

Discussion and action on the award of Solicitation No. 2008-073 for the Construction of Storm 2006: Upper Valley Drainage Improvements Phase I, to C.F. Jordan, L.P., El Paso, Texas, for an estimated total amount of \$1,037,825.00.

It is requested that the City Manager of the City of El Paso be authorized to sign any contracts or other documents required to effectuate this award.

Work under this unit price contract is only an estimated minimum value and will be ordered, performed, invoiced, and paid by measured quantity. The actual cost of this contract may be higher or lower than the total estimated minimum value and will be the sum total of unit prices at the end of the contract term.

As part of the award of this contract, the City Engineer may, without further authorization from City Council, approve contract changes which are necessary for proper construction of the work and carrying out the intent of the design, which are in accordance with applicable law and which do not make changes to the unit price and increased funds are appropriated in the budget.

This is a low bid, unit-price contract. The Financial Services and Engineering Departments recommend award as indicated to the lowest responsive, responsible bidder.

**DESCRIPTION OR EXPLANATION:**

Base Bid III	\$ 257,080.00
Base Bid IV	\$ 780,745.00

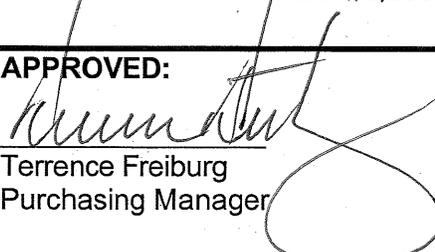
**TOTAL ESTIMATED MINIMUM AWARD:** \$1,037.825.00

**TIME FOR COMPLETION:** 260 Work Days

**LIQUIDATED DAMAGES:** \$2,200.00 Liquidated Damages/Day

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**APPROVED:**

  
Terrence Freiburg  
Purchasing Manager

JOHN COOK  
MAYOR



JOYCE WILSON  
CITY MANAGER

CITY COUNCIL

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

**ENGINEERING DEPARTMENT**

January 31, 2008

To: Jaime Huerta, Project Compliance Specialist  
From: Sam Rodriguez, Engineering Division Manager *SR*  
CC: Alan Shubert, City Engineer  
Subject: **Upper Valley Drainage Improvements Phase I, Solicitation No. 2008-073**

CITY CLERK DEPT.  
08 JAN 31 AM 11:29

We have reviewed the above subject bid and we recommend that Base Bid III and Base Bid IV be awarded to C.F. Jordan L.P., as the lowest most responsive and responsible bidder for Base Bid III and Base Bid IV meeting specifications. Total estimated contract award of \$1,037,825.

Base Bid III \$ 257,080.00  
Base Bid IV \$ 780,745.00

If you have any questions, please call me at 541-4200.

# City of El Paso

## Scope of Work

### Storm 2006: Upper Valley Drainage Improvements Solicitation No. 2008-073

#### **BASE BID I:** (Unit Price Schedule)

##### **McCutcheon Basin Modifications:**

The work, defined in Section 01010 SUMMARY OF WORK of the project specifications, covers all items of construction required for the modification of the McCutcheon Basin as shown on the Drawings. This shall include 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 HMA as shown in the plans. Basin will include an 8-inch thick concrete overflow spillway. Other improvements include: removing and replacing the existing concrete flumes as shown in plans; storm sewer pipes; inlets; manholes; outlet structures; and, chain link fence 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.

#### **BASE BID II:** (Unit Price Schedule)

##### **McCutcheon Pump Station:**

The work, defined in Section 01010 SUMMARY OF WORK of the project specifications, covers all items required for the construction of the new McCutcheon Basin Pump Station. The construction shall include: the Basin Pump Station, Basin Draw Down Pump Station, and Electrical Building, including: site electrical service, SCADA control, automatic traveling trash rake with screens, stand-by generator equipment, HVAC equipment, 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.

**BASE BID III:**

**(Unit Price Schedule)**

**McCutcheon Draw Down Piping:**

The work, defined in Section 01010 SUMMARY OF WORK of the project specifications, includes items in the installation of 12-inch force main piping from the Draw Down Pump Station to the existing culvert located east of Doniphan as shown on the Drawings. The construction of: a discharge structure at Doniphan; HMAC removal and replacement; implementation of a traffic control plan; implementation and maintenance of a storm water pollution prevention plan; dewatering as required; and, subsidiary items necessary to install the proposed draw basin down force main.

**BASE BID IV:**

**(Unit Price Schedule)**

**Joe Santos Basin Expansion:**

The work, defined in Section 01010 SUMMARY OF WORK of the project specifications, covers all items required in the modifications of the Joe Santos Basin. This includes, but is not limited to: layout, excavation, import of soil from barrow source, subgrade preparation, and construction of berms to elevations and grades shown on the plans and specification requirements. Basin shall have 6-inch base course road around perimeter of basin as shown in plans and an 8-inch thick concrete overflow spillway. Other improvements include: removing and replacing existing concrete flumes as shown in plans; storm sewer pipes; inlets; manholes; outlet structures; chain link fence at perimeter of basin; implementation and maintenance of a storm water pollution prevention plan; and, all other incidental and subsidiary items necessary to construct a completed facility.

**Notes :**

Prior to commencement of any work contractor shall submit and obtain approval from El Paso Engineering Department for the Sequence of Construction, Schedule of Work and Haul/Waste Route to an approved disposal site. Contractor shall provide written approved documentation from the owner or operator of the waste site.

Contractor shall coordinate with the City of El Paso on agreements for work within private property. Contractor shall abide by the agreements established for the project regarding work outside of City of El Paso property.

Implement and maintain the Storm Water Pollution Prevention Plan as required by law **if applicable to this project**

All construction installation and practices shall meet and/or exceed City of El Paso Engineering Standards and other applicable state and federal codes and regulations.

The description of this Scope of Work as shown, is only a general overview of this project. Contractor shall refer to the project plans, specifications and Engineering Department officials for further information.

The undersigned Bidder agrees to commence work on a date to be specified in a written Notice to Proceed and to substantially complete the work on which he/she has bid within **Two Hundred Sixty (260) Consecutive Work Days**. Bidder agrees to pay as liquidated damages the sum of **Two Thousand Two Hundred Dollars (\$2,200.00)** for each consecutive work day thereafter as provided in paragraph 6.8 of the General Conditions of the Contract.

**This is a Unit Price Project.**

## CITY OF EL PASO BID TABULATION

BID TITLE: STORM 2006: UPPER VALLEY DRAINAGE IMPROVEMENTS PHASE I  
 BID DATE: JANUARY 4, 2008

BID NO: 2008-073  
 DEPARTMENT: STREETS

C. F. JORDAN L.P.  
 EL PASO, TEXAS

ITEM #	EST. QTY	UNITS	DESCRIPTION	SUM OF(UNITS)	TOTAL	SUM OF(UNITS)	TOTAL	SUM OF(UNITS)	TOTAL	SUM OF(UNITS)	TOTAL	SUM OF(UNITS)	TOTAL
<b>BASE BID McCUTCHEON BASIN MODIFICATIONS</b>													
1	1	L.S.	MOBILIZATION COST FOR McCUTCHEON BASIN (NOT TO EXCEED 5% OF BID ITEMS I-1 THRU I-31) FOR THE SUM OF	\$170,000.00	\$170,000.00		\$0.00		\$0.00		\$0.00		\$0.00
2	1	L.S.	VIDEO TAPE SITE AND PIPELINE COMPLETE IN PLACE FOR THE SUM OF SUM OF	\$1,500.00	\$1,500.00		\$0.00		\$0.00		\$0.00		\$0.00
3	1	L.S.	DEWATERING FOR BASIN AND STORM SEWER INSTALLATION COMPLETE IN-PLACE FOR THE SUM OF	\$500,000.00	\$500,000.00		\$0.00		\$0.00		\$0.00		\$0.00
4	1	L.S.	McCUTCHEON BASIN EARTHWORK (FILL, CUT AND DISPOSE) COMPLETE IN-PLACE FOR THE SUM OF	\$1,560,000.00	\$1,560,000.00		\$0.00		\$0.00		\$0.00		\$0.00
5	1	L.S.	McCUTCHEON CEMENT STABILIZED FOUNDATION 5% CEMENT, COMPLETE IN-PLACE FOR THE SUM OF	\$350,000.00	\$350,000.00		\$0.00		\$0.00		\$0.00		\$0.00
6	1,256	S.Y.	MCCUTCHEON BASIN HMAC ACCESS ROAD (2 "TYPE D HMAC, 6" BASE) COMPLETE IN PLACE FOR THE SUM OF	\$22.00	\$27,632.00		\$0.00		\$0.00		\$0.00		\$0.00
7	5,333	S.Y.	MCCUTCHEON BASIN BASE ACCESS ROAD (6" BASE) COMPLETE IN PLACE FOR THE SUM OF	\$11.00	\$58,663.00		\$0.00		\$0.00		\$0.00		\$0.00

APPROVED BY: *mup*

## CITY OF EL PASO BID TABULATION

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BID NO: 2008-073  
 DEPARTMENT: STREETS

C. F. JORDAN L.P.  
 EL PASO, TEXAS

ITEM #	EST. QTY	UNITS	DESCRIPTION	SUM OF(UNITS)	TOTAL	SUM OF(UNITS)	TOTAL	SUM OF(UNITS)	TOTAL	SUM OF(UNITS)	TOTAL	SUM OF(UNITS)	TOTAL
8	1	L.S.	McCUTCHEON CONCRETE SPILLWAY, COMPLETE IN-PLACE FOR THE SUM OF	\$100,000.00	\$100,000.00		\$0.00		\$0.00		\$0.00		\$0.00
9	1	L.S.	REMOVE McCUTCHEON CONCRETE FLUMES FROM RESIDENTIAL AREA COMPLETE IN-PLACE FOR THE SUM OF	\$26,000.00	\$26,000.00		\$0.00		\$0.00		\$0.00		\$0.00
10	1	L.S.	REPLACE EXISTING McCUTCHEON CONCRETE FLUMES, COMPLETE IN-PLACE FOR THE SUM OF	\$107,000.00	\$107,000.00		\$0.00		\$0.00		\$0.00		\$0.00
11	1	L.S.	McCUTCHEON BASIN ROCK RIP RAP, COMPLETE IN-PLACE FOR THE SUM OF	\$52,000.00	\$52,000.00		\$0.00		\$0.00		\$0.00		\$0.00
12	550	L.F.	McCUTCHEON 42" RCP (CL IV) STORM DRAIN COMPLETE IN PLACE FOR THE SUM OF	\$134.00	\$73,700.00		\$0.00		\$0.00		\$0.00		\$0.00
13	265	L.F.	McCUTCHEON 36" RCP (CL IV) STORM DRAIN COMPLETE IN-PLACE FOR THE SUM OF	\$118.00	\$31,270.00		\$0.00		\$0.00		\$0.00		\$0.00

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BID NO: 2008-073  
 DEPARTMENT: STREETS

C. F. JORDAN L.P.  
 EL PASO, TEXAS

ITEM #	EST. QTY	UNITS	DESCRIPTION	C. F. JORDAN L.P. EL PASO, TEXAS		SUM OF(UNITS)	TOTAL						
				SUM OF(UNITS)	TOTAL								
14	700	L.F.	MCCUTCHEON 24" RCP (CL IV) STORM DRAIN COMPLETE IN PLACE FOR THE SUM OF	\$78.00	\$54,600.00		\$0.00		\$0.00		\$0.00		\$0.00
15	3	EACH	CONCRETE CAST-IN PLACE-STORM SEWER JUNCTION BOX, COMPLETE IN-PLACE FOR THE SUM OF	\$12,000.00	\$36,000.00		\$0.00		\$0.00		\$0.00		\$0.00
16	1	EACH	INSTALL TYPE I INLET AT MCCUTCHEON STREET FLUME, COMPLETE IN-PLACE FOR THE SUM OF	\$7,000.00	\$7,000.00		\$0.00		\$0.00		\$0.00		\$0.00
17	1	EACH	INSTALL TYPE III INLET AT MCCUTCHEON STREET FLUME, COMPLETE IN-PLACE FOR THE SUM OF	\$13,000.00	\$13,000.00		\$0.00		\$0.00		\$0.00		\$0.00
18	1	EACH	INSTALL CONCRETE HEADWALLS/ WINGWALLS FOR 42" PIPE COMPLETE IN-PLACE FOR THE SUM OF	\$12,000.00	\$12,000.00		\$0.00		\$0.00		\$0.00		\$0.00

## CITY OF EL PASO BID TABULATION

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 BID DATE: JANUARY 4, 2008

BID NO: 2008-073  
 DEPARTMENT: STREETS

C. F. JORDAN L.P. EL PASO, TEXAS													
ITEM #	EST. QTY	UNITS	DESCRIPTION	SUM OF(UNITS)	TOTAL	SUM OF(UNITS)	TOTAL	SUM OF(UNITS)	TOTAL	SUM OF(UNITS)	TOTAL	SUM OF(UNITS)	TOTAL
19	1	EACH	INSTALL CONCRETE HEADWALLS/ WINGWALLS FOR 36" PIPE, COMPLETE IN-PLACE FOR THE SUM OF	\$11,000.00	\$11,000.00		\$0.00		\$0.00		\$0.00		\$0.00
20	320	L.F.	MCCUTCHEON 18" TEMPORARY CMP STORM DRAIN PIPE COMPLETE IN PLACE FOR THE SUM OF	\$200.00	\$64,000.00		\$0.00		\$0.00		\$0.00		\$0.00
21	330	L.F.	RELOCATE EXISTING SANITARY SEWER AT MCCUTCHEON BASIN WITH 12" SDR 35, COMPLETE IN PLACE FOR THE SUM OF	\$230.00	\$75,900.00		\$0.00		\$0.00		\$0.00		\$0.00
22	1	EACH	4-FOOT DROP MANHOLE FOR SEWER LINE, COMPLETE IN-PLACE FOR THE SUM OF	\$13,000.00	\$13,000.00		\$0.00		\$0.00		\$0.00		\$0.00
23	1	L.S.	TIE-IN AT REDD RD., INCLUDING TYPE III INLET COMPLETE IN-PLACE FOR THE SUM OF	\$18,000.00	\$18,000.00		\$0.00		\$0.00		\$0.00		\$0.00
24	2,000	L.F.	INSTALL 7' FENCING, BARB WIRE, AND 20 FT. GATE COMPLETE IN-PLACE FOR THE SUM OF	\$25.00	\$50,000.00		\$0.00		\$0.00		\$0.00		\$0.00

APPROVED BY: *muf*

## CITY OF EL PASO BID TABULATION

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 BID DATE: JANUARY 4, 2008

BID NO: 2008-073  
 DEPARTMENT: STREETS

C. F. JORDAN L.P.  
 EL PASO, TEXAS

ITEM #	EST. QTY	UNITS	DESCRIPTION	C. F. JORDAN L.P. EL PASO, TEXAS		SUM OF(UNITS)	TOTAL						
				SUM OF(UNITS)	TOTAL								
25	55	L.F.	INSTALL 4' HIGH ROCK WALL, COMPLETE IN-PLACE FOR THE SUM OF	\$70.00	\$3,850.00		\$0.00		\$0.00		\$0.00		\$0.00
26	235	S.Y.	REMOVE EXISTING CONCRETE FLUME FROM MCCUTCHEON COMPLETE IN-PLACE FOR THE SUM OF	\$45.00	\$10,575.00		\$0.00		\$0.00		\$0.00		\$0.00
27	235	S.Y.	REPLACE CONCRETE FLUME AT MCCUTCHEON BASIN COMPLETE IN-PLACE FOR THE SUM OF	\$95.00	\$22,325.00		\$0.00		\$0.00		\$0.00		\$0.00
28	2,165	L.F.	INSTALL/MAINTAIN TRENCH SAFETY COMPLETE IN-PLACE FOR THE SUM OF	\$2.00	\$4,330.00		\$0.00		\$0.00		\$0.00		\$0.00
29	1	L.S.	INSTALL / MAINTAIN SWPPP, COMPLETE IN-PLACE FOR THE SUM OF	\$22,000.00	\$22,000.00		\$0.00		\$0.00		\$0.00		\$0.00
30	1	L.S.	INSTALL / MAINTAIN TRAFFIC CONTROL, COMPLETE IN-PLACE FOR THE SUM OF	\$30,000.00	\$30,000.00		\$0.00		\$0.00		\$0.00		\$0.00

## CITY OF EL PASO BID TABULATION

BID TITLE: STORM 2006: UPPER VALLEY DRAINAGE IMPROVEMENTS PHASE I  
 BID DATE: JANUARY 4, 2008

BID NO: 2008-073  
 DEPARTMENT: STREETS

				C. F. JORDAN L.P. EL PASO, TEXAS									
ITEM #	EST. QTY	UNITS	DESCRIPTION	SUM OF(UNITS)	TOTAL	SUM OF(UNITS)	TOTAL	SUM OF(UNITS)	TOTAL	SUM OF(UNITS)	TOTAL	SUM OF(UNITS)	TOTAL
31	4	EACH	POTHOLE EXISTING UTILITIES, COMPLETE IN-PLACE FOR THE SUM OF	\$3,000.00	\$12,000.00		\$0.00		\$0.00		\$0.00		\$0.00
<b>SUM TOTAL BASE BID I (LINE ITEM #1 - # 31)</b>					\$3,517,345.00		\$0.00		\$0.00		\$0.00		\$0.00
<b>BASE BID II: MCCUTCHEON PUMP STATION</b>													
1	1	L.S.	MOBILIZATION COST FOR MCCUTCHEON BASIN (NOT TO EXCEED 5% OF BID ITEMS II-1 THRU II - 12) FOR THE SUM OF	\$275,000.00	\$275,000.00		\$0.00		\$0.00		\$0.00		\$0.00
2	1	L.S.	VIDEO TAPE SITE AND PIPELINE, COMPLETE IN-PLACE FOR THE SUM OF	\$1,000.00	\$1,000.00		\$0.00		\$0.00		\$0.00		\$0.00
3	1	L.S.	MCCUTCHEON PUMP STATION COMPLETE IN-PLACE FOR THE SUM OF	\$3,950,000.00	\$3,950,000.00		\$0.00		\$0.00		\$0.00		\$0.00
4	1	L.S.	PUMP STATION ELECTRICAL & INSTRUMENTATION COMPLETE IN PLACE FOR THE SUM OF	\$525,000.00	\$525,000.00		\$0.00		\$0.00		\$0.00		\$0.00

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 DEPARTMENT: STREETS

				C. F. JORDAN L.P. EL PASO, TEXAS									
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5	640	L.F.	INSTALLATION OF 2-INCH PUMP STATION WATER SERVICE LINE, COMPLETE IN-PLACE FOR THE SUM OF	\$26.00	\$16,640.00		\$0.00		\$0.00		\$0.00		\$0.00
6	790	L.F.	PUMP STATION 4" MDPE GAS SERVICE LINE, COMPLETE IN-PLACE FOR THE SUM OF	\$36.00	\$28,440.00		\$0.00		\$0.00		\$0.00		\$0.00
7	1	EACH	BASIN DRAWN DOWN PUMP,COMPLETE IN PLACE FOR THE SUM OF	\$284,000.00	\$284,000.00		\$0.00		\$0.00		\$0.00		\$0.00
8	1,400	C.Y.	PUMP STATION EARTH-WORK (CUT TO FILL) COMPLETE IN PLACE FOR THE SUM OF	\$15.00	\$21,000.00		\$0.00		\$0.00		\$0.00		\$0.00
9	2,700	C.Y.	PUMP STATION (SELECT FILL),COMPLETE IN-PLACE FOR THE SUM OF	\$20.00	\$54,000.00		\$0.00		\$0.00		\$0.00		\$0.00
10	1	L.S.	INSTALL/MAINTAIN SWPPP,COMPLETE IN-PLACE FOR THE SUM OF	\$4,000.00	\$4,000.00		\$0.00		\$0.00		\$0.00		\$0.00
11	1	L.S.	DEWATERING FOR FOR PUPM STATION INSTALL-ATION COMPLETE-IN-PLACE FOR THE SUM OF	\$710,000.00	\$710,000.00		\$0.00		\$0.00		\$0.00		\$0.00

## CITY OF EL PASO BID TABULATION

BID TITLE: STORM 2006: UPPER VALLEY DRAINAGE IMPROVEMENTS PHASE I  
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BID NO: 2008-073  
 DEPARTMENT: STREETS

C. F. JORDAN L.P.  
 EL PASO, TEXAS

ITEM #	EST. QTY	UNITS	DESCRIPTION	SUM OF(UNITS)	TOTAL	SUM OF(UNITS)	TOTAL	SUM OF(UNITS)	TOTAL	SUM OF(UNITS)	TOTAL	SUM OF(UNITS)	TOTAL
12	1	EACH	POTHOLE EXISTING UTILITIES FOR MCCUTCHEON PUMP STATION, COMPLETE IN-PLACE FOR THE SUM OF	\$3,000.00	\$3,000.00		\$0.00		\$0.00		\$0.00		\$0.00
<b>SUM TOTAL BASE BID II (LINE ITEM #1 - # 12)</b>					\$5,872,080.00		\$0.00		\$0.00		\$0.00		\$0.00
<b>BASE BID III : BASIN DRAW DOWN DISCHARGE (UNIT PRICE SCHEDULE)</b>													
1	1	L.S	MOBILIZATION COST OF MCCUTCHEON BASIN (NOT TO EXCEED 5% OF BID ITEMS III-1 THRU III-7), FOR THE SUM OF	\$12,000.00	\$12,000.00		\$0.00		\$0.00		\$0.00		\$0.00
2	1	L.S	VIDEO TAPE SITE AND PIPELINE, COMPLETE IN-PLACE FOR THE SUM OF	\$1,500.00	\$1,500.00		\$0.00		\$0.00		\$0.00		\$0.00
3	1,510	L.F	MCCUTCHEON 12" FORCE MAIN COMPLETE IN PLACE FOR THE SUM OF	\$85.00	\$128,350.00		\$0.00		\$0.00		\$0.00		\$0.00
4	1	LS	TIE-IN AT DONIPHAN ROAD., COMPLETE IN-PLACE FOR THE SUM OF	\$15,000.00	\$15,000.00		\$0.00		\$0.00		\$0.00		\$0.00

APPROVED BY: **mwp**

## CITY OF EL PASO BID TABULATION

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 DEPARTMENT: STREETS

C. F. JORDAN L.P.  
 EL PASO, TEXAS

ITEM #	EST. QTY	UNITS	DESCRIPTION	C. F. JORDAN L.P.		EL PASO, TEXAS							
				SUM OF(UNITS)	TOTAL	SUM OF(UNITS)	TOTAL	SUM OF(UNITS)	TOTAL	SUM OF(UNITS)	TOTAL	SUM OF(UNITS)	TOTAL
5	400	S.Y.	REMOVE/REPLACE 2-1/2 THICK TYPE C, HMAC, COMPLETE IN-PLACE FOR THE SUM OF	\$24.00	\$9,600.00		\$0.00		\$0.00		\$0.00		\$0.00
6	400	S.Y.	12" THICK 2-SACK, COMPLETE IN PLACE FOR THE SUM OF	\$55.00	\$22,000.00		\$0.00		\$0.00		\$0.00		\$0.00
7	50	L.F.	REMOVE/REPLACE CURB AND GUTTER COMPLETE IN-PLACE FOR THE SUM OF	\$25.00	\$1,250.00		\$0.00		\$0.00		\$0.00		\$0.00
8	6	S.Y.	REMOVE/REPLACE SIDEWALK, COMPLETE IN-PLACE FOR THE SUM OF	\$60.00	\$360.00		\$0.00		\$0.00		\$0.00		\$0.00
9	1,510	L.F.	INSTALL/MAINTAIN TRENCH SAFETY COMPLETE IN-PLACE FOR THE SUM OF	\$2.00	\$3,020.00		\$0.00		\$0.00		\$0.00		\$0.00
10	1	L.S.	INSTALL/MAINTAIN TRAFFIC CONTROL, COMPLETE IN-PLACE FOR THE SUM OF	\$16,000.00	\$16,000.00		\$0.00		\$0.00		\$0.00		\$0.00

APPROVED BY: *mwp*

## CITY OF EL PASO BID TABULATION

BID TITLE: STORM 2006: UPPER VALLEY DRAINAGE IMPROVEMENTS PHASE I  
 BID DATE: JANUARY 4, 2008

BID NO: 2008-073  
 DEPARTMENT: STREETS

C. F. JORDAN L.P.  
 EL PASO, TEXAS

ITEM #	EST. QTY	UNITS	DESCRIPTION	SUM OF(UNITS)	TOTAL	SUM OF(UNITS)	TOTAL	SUM OF(UNITS)	TOTAL	SUM OF(UNITS)	TOTAL	SUM OF(UNITS)	TOTAL
11	1	L.S.	INSTALL/MAINTAIN SWPPP FOR BASIN DRAW DOWN DISCHARGE PIPING COMPLETE IN-PLACE FOR THE SUM OF	\$12,000.00	\$12,000.00		\$0.00		\$0.00		\$0.00		\$0.00
12	12	EACH	POTHOLE EXISTING UTILITIES FOR BASIN DRAW DOWN DISCHARGE PIPING, COMPLETE IN-PLACE FOR THE SUM OF	\$3,000.00	\$36,000.00		\$0.00		\$0.00		\$0.00		\$0.00
<b>SUM TOTAL BASE BID III ( LINE ITEM #1 - # 8 )</b>						\$257,080.00		\$0.00			\$0.00		\$0.00
<b>BASE BID IV : JOE SANTOS BASIN EXPANSION (UNIT PRICE SCHEDULE)</b>													
1	1	L.S.	MOBILIZATION COST FOR MCCUTCHEON BASIN (NOT TO EXCEED 5% OF BID ITEMS IV - 1 THRU IV-20), FOR THE SUM OF	\$38,000.00	\$38,000.00		\$0.00		\$0.00		\$0.00		\$0.00
2	1	L.S.	VIDEO TAPE SITE AND PIPELINE, COMPLETE IN-PLACE FOR THE SUM OF	\$1,500.00	\$1,500.00		\$0.00		\$0.00		\$0.00		\$0.00
3	1	L.S.	JOE SANTOS BASIN EARTHWORK (FILL, CUT AND DISPOSE), COMPLETE IN-PLACE FOR THE SUM OF	\$302,000.00	\$302,000.00		\$0.00		\$0.00		\$0.00		\$0.00

APPROVED BY: *nwp*

## CITY OF EL PASO BID TABULATION

BID TITLE: STORM 2006: UPPER VALLEY DRAINAGE IMPROVEMENTS PHASE I  
 BID DATE: JANUARY 4, 2008

BID NO: 2008-073  
 DEPARTMENT: STREETS

C. F. JORDAN L.P.  
 EL PASO, TEXAS

ITEM #	EST. QTY	UNITS	DESCRIPTION	SUM OF(UNITS)	TOTAL	SUM OF(UNITS)	TOTAL	SUM OF(UNITS)	TOTAL	SUM OF(UNITS)	TOTAL	SUM OF(UNITS)	TOTAL
<b>BASE BID IV : JOE SANTOS BASIN EXPANSION (UNIT PRICE SCHEDULE)</b>													
4	140	L.F.	JOE SANTOS 36" RCP STORM DRAIN, COMPLETE IN-PLACE FOR THE SUM OF	\$118.00	\$16,520.00		\$0.00		\$0.00		\$0.00		\$0.00
5	120	L.F.	JOE SANTOS 30" RCP STORM DRAIN COMPLETE IN-PLACE FOR THE SUM OF	\$95.00	\$11,400.00		\$0.00		\$0.00		\$0.00		\$0.00
6	75	L.F.	JO SANTOS 24" RCP STORM DRAIN, COMPLETE IN PLACE FOR THE SUM OF	\$78.00	\$5,850.00		\$0.00		\$0.00		\$0.00		\$0.00
7	1	EACH	INSTALL CONCRETE HEADWALL, WINGWALLS AND FLUME FOR 36" PIPE, COMPLETE IN-PLACE FOR THE SUM OF	\$12,000.00	\$12,000.00		\$0.00		\$0.00		\$0.00		\$0.00
8	4	EACH	INSTALL TYPE I INLET, COMPLETE IN-PLACE FOR THE SUM OF	\$7,000.00	\$28,000.00		\$0.00		\$0.00		\$0.00		\$0.00
9	500	S.Y.	REMOVE / REPLACE 2-1/2" THICK TYPE C, HMAC, COMPLETE IN-PLACE FOR THE SUM OF	\$22.00	\$11,000.00		\$0.00		\$0.00		\$0.00		\$0.00

## CITY OF EL PASO BID TABULATION

BID TITLE: STORM 2006: UPPER VALLEY DRAINAGE IMPROVEMENTS PHASE I  
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C. F. JORDAN L.P.  
 EL PASO, TEXAS

ITEM #	EST. QTY	UNITS	DESCRIPTION	SUM OF(UNITS)	TOTAL	SUM OF(UNITS)	TOTAL	SUM OF(UNITS)	TOTAL	SUM OF(UNITS)	TOTAL	SUM OF(UNITS)	TOTAL
<b>BASE BID IV : JOE SANTOS BASIN EXPANSION (UNIT PRICE SCHEDULE)</b>													
10	2,525	S.Y.	6" THICK BASE COURSE COMPLETE IN-PLACE FOR THE SUM OF	\$11.00	\$27,775.00		\$0.00		\$0.00		\$0.00		\$0.00
11	240	L.F.	REMOVE / REPLACE CURB AND GUTTER, COMPLETE IN-PLACE FOR THE SUM OF	\$22.00	\$5,280.00		\$0.00		\$0.00		\$0.00		\$0.00
12	1	L.S.	REMOVE EXISTING CONCRETE SPILLWAY, COMPLETE IN PLACE FOR THE SUM OF	\$14,000.00	\$14,000.00		\$0.00		\$0.00		\$0.00		\$0.00
13	1	L.S.	INSTALL CONCRETE SPILLWAY COMPLETE IN PLACE FOR THE SUM OF	\$77,000.00	\$77,000.00		\$0.00		\$0.00		\$0.00		\$0.00
14	1	L.S.	REMOVE JOE SANTOS CONCRETE FLUMES COMPLETE IN-PLACE FOR THE SUM OF	\$63,000.00	\$63,000.00		\$0.00		\$0.00		\$0.00		\$0.00
15	1	L.S.	REPLACE JOE SANTOS CONCRETE FLUME, COMPLETE IN-PLACE FOR THE SUM OF	\$95,000.00	\$95,000.00		\$0.00		\$0.00		\$0.00		\$0.00

APPROVED BY: *mwp*

## CITY OF EL PASO BID TABULATION

BID TITLE: STORM 2006: UPPER VALLEY DRAINAGE IMPROVEMENTS PHASE I  
 BID DATE: JANUARY 4, 2008

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C. F. JORDAN L.P.  
 EL PASO, TEXAS

ITEM #	EST. QTY	UNITS	DESCRIPTION	SUM OF(UNITS)	TOTAL	SUM OF(UNITS)	TOTAL	SUM OF(UNITS)	TOTAL	SUM OF(UNITS)	TOTAL	SUM OF(UNITS)	TOTAL
<b>BASE BID IV : JOE SANTOS BASIN EXPANSION (UNIT PRICE SCHEDULE)</b>													
16	750	L.F.	INSTALL 7" FENCING, BARB WIRE AND 7-FT GATE COMPLETE IN PLACE FOR THE SUM OF	\$25.00	\$18,750.00		\$0.00		\$0.00		\$0.00		\$0.00
17	2	EACH	POTHOLE EXISTING UTILITIES, COMPLETE IN-PLACE FOR THE SUM OF	\$3,000.00	\$6,000.00		\$0.00		\$0.00		\$0.00		\$0.00
18	335	L.F.	INSTALL/MAINTAIN TRENCH SAFETY COMPLETE IN-PLACE FOR THE SUM OF	\$2.00	\$670.00		\$0.00		\$0.00		\$0.00		\$0.00
19	1	L.S.	INSTALL / MAINTAIN TRAFFIC CONTROL COMPLETE IN-PLACE FOR THE SUM OF	\$37,000.00	\$37,000.00		\$0.00		\$0.00		\$0.00		\$0.00
20	1	L.S.	INSTALL / MAINTAIN SWPPP FOR BASIN DRAW DOWN DISCHARGE PIPING, COMPLETE IN-PLACE FOR THE SUM OF	\$10,000.00	\$10,000.00		\$0.00		\$0.00		\$0.00		\$0.00
<b>BASE BID IV SUB-TOTAL ( ITEMS 1-20 )</b>					<b>\$780,745.00</b>		<b>\$0.00</b>		<b>\$0.00</b>		<b>\$0.00</b>		<b>\$0.00</b>

APPROVED BY: *mwp*

## CITY OF EL PASO BID TABULATION

BID TITLE: STORM 2006: UPPER VALLEY DRAINAGE IMPROVEMENTS PHASE I  
 BID DATE: JANUARY 4, 2008

BID NO: 2008-073  
 DEPARTMENT: STREETS

C. F. JORDAN L.P.  
 EL PASO, TEXAS

ITEM #	EST. QTY	UNITS	DESCRIPTION	SUM OF(UNITS)	TOTAL	SUM OF(UNITS)	TOTAL	SUM OF(UNITS)	TOTAL	SUM OF(UNITS)	TOTAL	SUM OF(UNITS)	TOTAL
SUM TOTAL FOR BASE BID I					\$3,517,345.00		\$0.00		\$0.00		\$0.00		\$0.00
SUM TOTAL FOR BASE BID II					\$5,872,080.00		\$0.00		\$0.00		\$0.00		\$0.00
SUM TOTAL FOR BASE BID III					\$257,080.00		\$0.00		\$0.00		\$0.00		\$0.00
SUM TOTAL FOR BASE IV					\$780,745.00		\$0.00		\$0.00		\$0.00		\$0.00
BID BOND SUBMITTED					YES								
AMENDMENTS ACKNOWLEDGED					YES								

# Upper Valley Drainage Improvements Phase I

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Storm 2006

Bid 2008-073



## **BACKGROUND**

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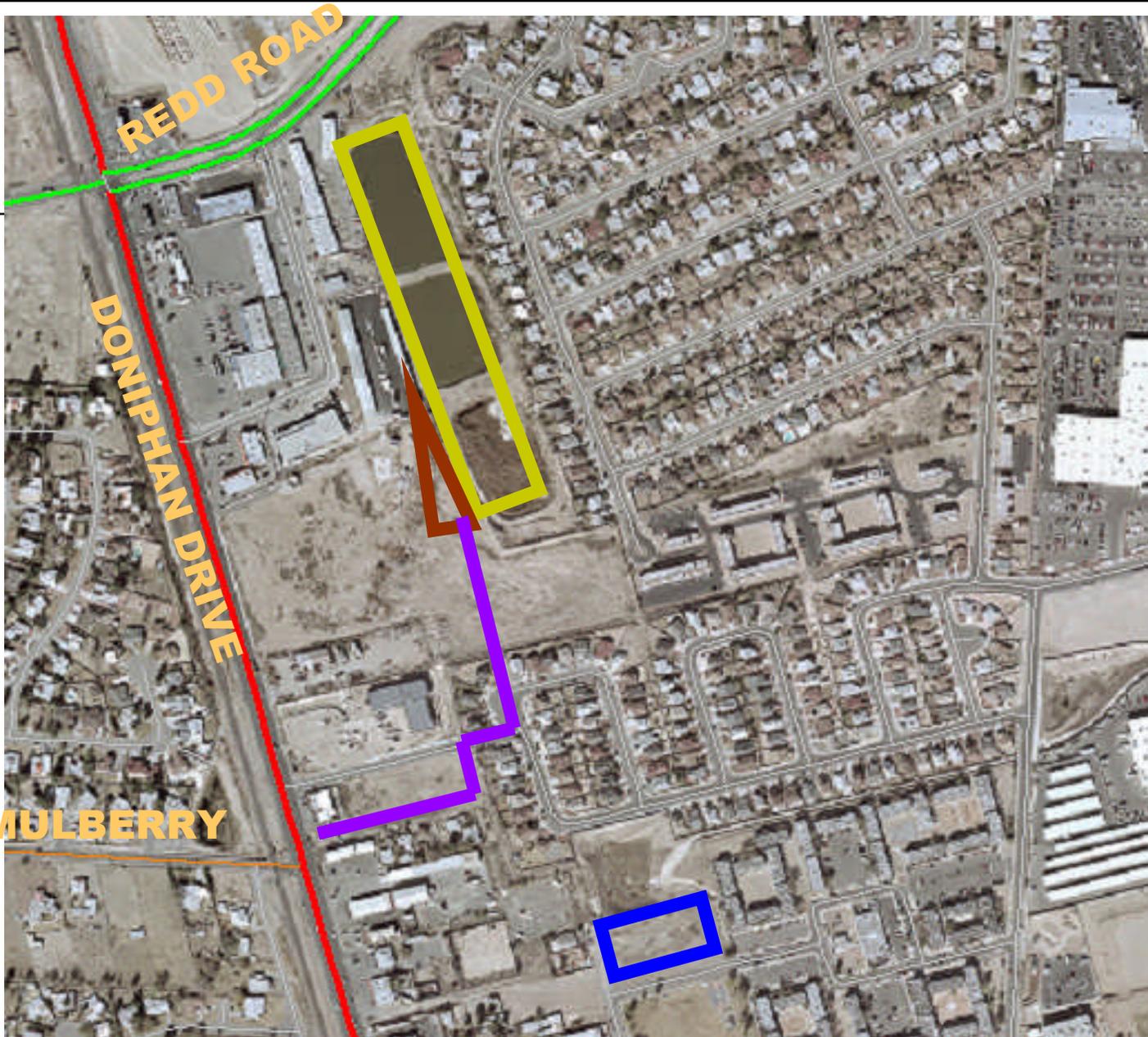
### **Installation of a Pump Station at McCutcheon & Redd**

**Base Bid I:** Modifications to existing ponds, raise them to increase the capacity

**Base Bid II:** Installation of pump station/draw down pump, required to drain the area southeast of Redd/Doniphan

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

**Base Bid IV:** Expansion of the Joe Santos Basin



**BASE BID I**

Grade Ponds

**BASE BID II**

Install Pump  
Station/Draw  
Down Pump

**BASE BID III**

Draw Down  
Piping

**BASE IV**

Joe Santos  
Basin  
Expansion

**UPPER VALLEY DRAINAGE IMPROVEMENTS – PHASE I 2008-073**

# Bid vs. Estimate

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## □ CF Jordan Bid

- Base Bid I  
\$3,517,345.00
- Base Bid II  
\$5,872,080.00
- Base Bid III  
\$257,080.00
- Base Bid IV  
\$780,745.00
- TOTAL  
\$10,427,250.00

## □ Consultant Estimate

- Base Bid I  
\$4,064,411.45
- Base Bid II  
\$3,097,588.88
- Base Bid III  
\$220,691.10
- Base Bid IV  
\$873,172.19
- TOTAL  
\$8,255,863.63

**DIFFERENCE: \$2,171,386.37**



# Project timelines

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- Jan. 4, 2008, bids were opened
- Jan 5, 2008, value engineering process began
- Deadline for submittal to City Council Jan. 22, 2008 (value engineering process not complete)
- Jan 29, 2008 City Council, recommendation to award all base bids, change orders will occur after the contract is awarded based on the value engineering process
- Jan. 31, 2008, value engineering process complete. New design under development. Decision made to bid Base Bids I & II as a separate project.



# Value Engineering

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- Project addresses the following:
  - Flooding at the intersection of Redd Road and Doniphan Drive and surrounding properties
  - High ground water decreasing pond capacity
  - Silt build up decreasing pond capacity
  - No secondary outlet, water stays in the ponds



# Base Bid I – Revised Scope

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## □ Previous Design

- Excavate existing ground, backfill to above ground water elevation
- Raise side berms to keep increase the capacity of existing ponds, berms designed as a small dam because it will hold water above ground
- Pipe necessary to take water from Redd to the pump station
- Maintenance road, overflow structure, fencing, dewatering, other improvements

## □ Proposed Design

- Excavate out silt
- Dress up existing berms
- Purchase 3.5 acres of adjacent property to increase the size of the ponds (\$315,000)
- Connect all ponds
- Does not raise berms
- Maintenance road
- Fencing

**Bid \$3,517,345.00 Estimate \$4,064,411.45**



PROPOSED ACQUISITION FOR BASE BID I – 3.5 ACRES  
CURRENT OFFER AT \$315,000





# Base Bid II

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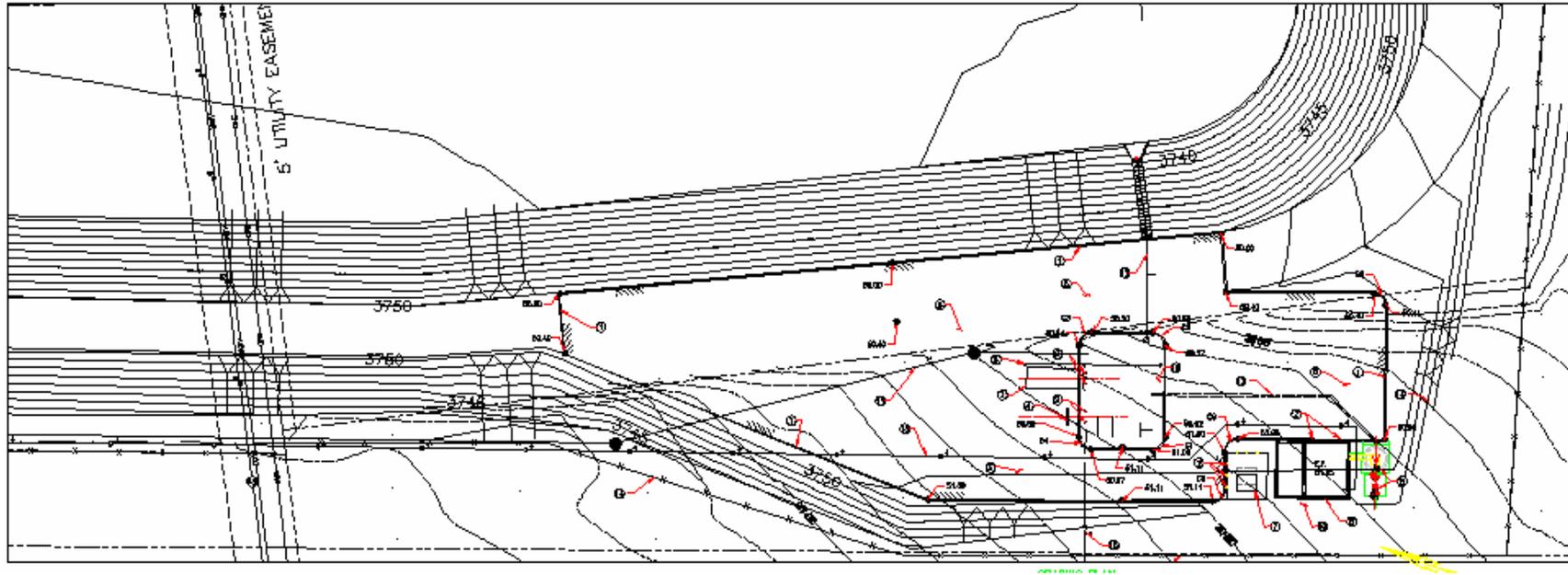
## □ Previous Scope

- Construct pump station- required to pump water into the raised ponds
- Draw down pump, required to keep the capacity, to be used after the storms
- Dewatering for deep wet well
- Electrical controls/equipment
- Backup generator, pump is the main system
- Property acquisition \$75,000

## □ Proposed Scope

- Pump station no longer needed since the ponds are not raised
- Draw down pump installed to keep the groundwater elevation constant, in order to keep the capacity
- Dewatering will be required, but at greatly reduced amount
- Electrical controls required at a reduced amount
- Generator not required, drawdown is the backup system

**Bid \$5,872,080.00 Estimate \$3,097,588.88**



BASE BID II –  
PUMP STATION

# Base Bid III & Base Bid IV

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□ Base Bid III

- Piping required for the proposed draw down pump
- Price from contractor is higher than the estimate by \$36,388.90

□ **RECOMMEND AWARD**  
**\$257,080.00**

**TOTAL AWARD \$56,038.29**  
**BELOW ESTIMATE**

□ Base Bid IV

- Joe Santos Basin is required to prevent this water from flowing down stream
- Acquisition under way
- Price from contractor is below the estimate by \$92,427.19

□ **RECOMMEND AWARD**  
**\$780,745.00**



# Summary

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- Recommend Award to CF Jordan
  - Base Bid III \$257,080.00
  - Base Bid IV \$780,745.00
  
- City will re-bid and bring back to City Council for award
  - Base Bid I – as revised
  - Base Bid II – as revised