

**City of El Paso
Scope of Work**

**Storm 2006: Copper Queen Storm Sewer System Improvements
Solicitation No. 2007-242**

BASE BID I

The project will re-establish the Copperfield Industrial Center Ponding Area and storm sewer system to safely collect and convey storm water runoff to the pond. Installation or replacement of pipe ranging in size from 48-inch to 24-inch will be required. Three outlet structures within the pond will need to be replaced, and rip-rap protection will be provided for all outlets and along the top of pipes leading to the outlets. The existing storm drain inlet grates will be replaced with new grates. Drainage channels along the northern boundary of the pond will also need to be constructed.

The work shall generally consist of the removal and off-site disposal of concrete curb and gutter, existing outlet structures, excavated soil material, asphaltic concrete pavement structure, drainage structures, storm drain pipe, and landscaped areas. Improvements shall consist of: grading, preparation of roadway structure within the disturbed areas, new concrete curb and gutter, new concrete channels, new underground storm drainage system reinforced concrete pipe, new grates, new drainage structures, and new outlet structures. Extensive grading within the pond, to the lines & grades indicated on the plans, will be required to re-establish the Copperfield Industrial Center Ponding Area. Trench safety system for storm drain improvements, construction traffic control, and Storm Water Pollution Prevention Plan will also be required as part of the improvements.

The contractor shall be required to safely manage all storm water runoff during construction. The contractor shall also be responsible for any accumulated debris and sediment deposited on site by the storm water runoff. The contractor shall maintain a clean site during construction.

The description of this Scope of Work, as described above, is only a general overview of the project. Contractor shall refer to the project plans and specifications for further information and detail.

Notes:

Contractor shall coordinate all construction activity with the City of El Paso Engineering Department Inspector. Also coordinate utility line spotting within street R.O.W., private property, or easements with appropriate utility companies.

The project will be accomplished as shown in the plan drawings/specifications or as approved by the City of El Paso Engineering Department. All work shall begin at Notice to Proceed, and must be completed within the time specified for this project in the notice to proceed.

- A Notice to Proceed shall be issued for the entire project and liquidated damages shall apply at the end of the project duration.

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, Traffic Control Plan (where applicable), and Haul/Waste Route to an approved disposal site.

The description of this scope of work, as shown, represents a general overview of this project. Contractor shall refer to the project plans, specifications and drawing details for further information.

This is a Unit Price Project.

THIS AGREEMENT, made this 19th day of September, 2006 and between THE CITY OF EL PASO, County of El Paso, Texas, hereinafter called "Owner", acting herein through its City Manager, Joyce Wilson and Southwest Growth Corporation (a corporation), of El Paso, COUNTY OF El Paso and STATE OF Texas, hereinafter called "Contractor".

WITNESSETH: That for and in consideration of the payments and agreements hereinafter mentioned, to be made and performed by the Owner, the Contractor hereby agrees with the Owner to commence and complete the construction described as follows:

**Storm 2006: Copper Queen Storm Sewer System Improvements,
Solicitation No. 2007-242**

hereinafter called the "Project", for the sum of Four Hundred Eighty Five Thousand, Seven Hundred Seventy Six Dollars and No Cents (\$485,776.00), and all extra work in connection therewith, under the terms as stated in the contract documents; and at Contractor(s) own proper cost and expense to furnish all the materials, supplies, machinery, equipment, tools, superintendence, labor, insurance and other accessories and services necessary to complete the said Project, in accordance with the conditions and prices stated in the Proposal, the General Conditions, Supplemental General Conditions and Special Conditions of the Contract, the plans, which include all maps, plats, blueprints and other drawings and printed or written explanatory matter thereof, the specifications and contract documents thereof as furnished by the CITY ENGINEER or designated representative, and as enumerated in Paragraph 1.5 of the General Conditions, all of which are made a part hereof and collectively evidence and constitute the Contract.

The Contractor hereby agrees to commence work under this Contract on a date to be specified in a written "Notice to Proceed" from the Owner, and to substantially complete the project within One Hundred Twenty (120) consecutive work days thereafter. The Contractor further agrees to pay, as liquidated damages, the sum of Seven Hundred Fifty Dollars (\$750.00) for each calendar work day thereafter, as hereinafter provided in Paragraph 6.8 of the General Conditions. The unit price quantities of this contract are estimated.

Base Bid \$485,776.00

Total Amount of Award: \$485,776.00

CONTRACT

IN WITNESS, WHEREOF, the parties to these presents have executed this Contract on the _____ day of _____, 2007 in two (2) counterparts, each of which shall be deemed an original, in the year and day first above mentioned.

OWNER – CITY OF EL PASO

by

Joyce Wilson
Joyce Wilson, City Manager

APPROVED AS TO FORM:

Cynthia Lopez
Assistant City Attorney

Contractor:

Southwest Growth Corporation

by

William F. Kastrin

PROCESSED BY FINANCIAL SERVICES:

[Signature]
Financial Services

William F. Kastrin President
Typed Name & Title

1600 E. 4th Ave. El Paso, Tx 79901
Address, City, State, Zip Code

915-544-1210
Telephone Number

915-534-7125
Fax Number

APPROVED AS TO CONTENT:

[Signature]
City Engineer

If the Contractor be a corporation, the following certificate should be executed:

I, Sylvia Armendariz, certify that I am the Corporate Assistance Secretary of the corporation named as Bidder, hereinabove; and that William F. Kastrin, who signed the foregoing Contract on behalf of the Bidder was then President of said corporation; that said proposal was duly signed for and in behalf of said corporation by authority of its governing body, and is within the scope of its corporate powers.

Sylvia Armendariz
CORPORATE SECRETARY SIGNATURE AND CORPORATE SEAL

CITY OF EL PASO BID TABULATION

BID TITLE: STORM 2006: COPPER QUEEN STORM SEWER SYSTEM IMPROVEMENTS
 BID DATE: OCTOBER 10, 2007

BID NO: 2007-242
 DEPARTMENT: ENG.

				BAIN CONSTRUCTION HORIZON CITY, TEXAS		KARLSRUHER, INC. DBA CSA ENGINEERS AND CONSTRUCTORS EL PASO, TEXAS		SOUTHWEST GROWTH, CORP. EL PASO, TEXAS		V E M A C, 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
BASE BID 1 - UNIT PRICE SCHEDULE													
1	105	LF	REMOVE & DISPOSE OF CONCRETE CURB AND GUTTER	\$50.00	\$5,250.00	\$14.00	\$1,470.00	\$3.75	\$393.75	\$12.10	\$1,270.50		\$0.00
2	1,835	SY	REMOVE AND DISPOSE OF ASPHALT PAVING	\$4.00	\$7,340.00	\$11.00	\$20,185.00	\$1.75	\$3,211.25	\$0.79	\$1,449.65		\$0.00
3	100	CY	REMOVE AND DISPOSE OF ASPHALT PAVING WITHIN THE POND AREA	\$16.50	\$1,650.00	\$196.00	\$19,600.00	\$12.50	\$1,250.00	\$16.77	\$1,677.00		\$0.00
4	1	EACH	CAP AND ABANDON 48" PIPE (UNCLASSIFIED)	\$2,500.00	\$2,500.00	\$1,560.00	\$1,560.00	\$540.00	\$540.00	\$393.00	\$393.00		\$0.00
5	2	EACH	REMOVE & DISPOSE OF STORM INLET	\$2,500.00	\$5,000.00	\$445.00	\$890.00	\$260.00	\$520.00	\$12.71	\$25.42		\$0.00
6	40	LF	REMOVE AND REPLACE ROCK WALL AND IRON FENCE. COMPLETE IN PLACE	\$115.00	\$4,600.00	\$312.00	\$12,480.00	\$15.00	\$600.00	\$86.46	\$3,458.40		\$0.00
7	775	LF	REMOVE AND RELOCATE CHAINLINK FENCE COMPLETE IN PLACE	\$30.00	\$23,250.00	\$70.00	\$54,250.00	\$8.50	\$6,587.50	\$18.35	\$14,221.25		\$0.00
8	1,835	SY	FURNISH & INSTALL 2-INCH HOT-MIX ASPHALTIC CONCRETE IN PLACE	\$9.50	\$17,432.50	\$14.00	\$25,690.00	\$10.50	\$19,267.50	\$15.00	\$27,525.00		\$0.00
9	840	SY	FURNISH AND INSTALL 8-INCH CRUSHED STONE BASE COURSE. COMPLETE IN PLACE	\$7.50	\$6,300.00	\$11.00	\$9,240.00	\$8.60	\$7,224.00	\$12.45	\$10,458.00		\$0.00

APPROVED BY: *MWT*

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 DEPARTMENT: ENG.

				BAIN CONSTRUCTION HORIZON CITY, TEXAS		KARLSRUHER, INC. DBA CSA ENGINEERS AND CONSTRUCTORS EL PASO, TEXAS		SOUTHWEST GROWTH, CORP. EL PASO, TEXAS		V E M A C, L.P. EL PASO, TEXAS			
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10	840	SY	SUBGRADE PREPARATION AND COMPACTION, COMPLETE IN PLACE	\$3.00	\$2,520.00	\$4.70	\$3,948.00	\$2.75	\$2,310.00	\$7.86	\$6,602.40		\$0.00
11	120	LF	FURNISH & INSTALL 6-INCH CONCRETE CURB & GUTTER (INCLUDES SAW-CUT, EXCAVATION, BACKFILL AND COMPACT SUBGRADE) COMPLETE IN PLACE	\$12.50	\$1,500.00	\$16.00	\$1,920.00	\$11.50	\$1,380.00	\$10.83	\$1,299.60		\$0.00
12	50	LF	FURNISH AND INSTALL STORM SEWER PIPE 24-INCH (CLASS-IV) - INCLUDES PLACEMENT EXCAVATION, BACKFILL AND COMPACTION, COMPLETE IN PLACE	\$85.00	\$4,250.00	\$105.00	\$5,250.00	\$91.50	\$4,575.00	\$113.32	\$5,666.00		\$0.00
13	96	LF	FURNISH & INSTALL STORM SEWER PIPE 24-INCH (CLASS-V)- INCLUDES PLACEMENT EXCAVATION, BACKFILL AND COMPACTION, COMPLETE IN PLACE	\$85.00	\$8,160.00	\$93.60	\$8,985.60	\$93.50	\$8,976.00	\$99.19	\$9,522.24		\$0.00
14	280	LF	FURNISH & INSTALL STORM SEWER PIPE 36-INCH (CLASS-IV)- INCLUDES PLACEMENT, EXCAVATION, BACKFILL AND COMPACTION COMPLETE IN PLACE	\$165.00	\$46,200.00	\$145.00	\$40,600.00	\$142.00	\$39,760.00	\$99.59	\$27,885.20		\$0.00

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15	340	LF	FURNISH & INSTALL STORM SEWER PIPE 48-INCH (CLASS-III)- INCLUDES PLACEMENT, EXCAVATION, BACKFILL AND COMPACTION COMPLETE IN PLACE	\$195.00	\$66,300.00	\$151.00	\$51,340.00	\$214.75	\$73,015.00	\$128.77	\$43,781.80		\$0.00
16	110	LF	FURNISH & INSTALL STORM SEWER PIPE 48-INCH (CLASS-IV)- INCLUDES PLACEMENT, EXCAVATION, BACKFILL AND COMPACTION COMPLETE IN PLACE	\$205.00	\$22,550.00	\$226.00	\$24,860.00	\$218.75	\$24,062.50	\$137.84	\$15,162.40		\$0.00
17	876	LF	TRENCH SAFETY SYSTEM	\$5.00	\$4,380.00	\$6.00	\$5,256.00	\$3.50	\$3,066.00	\$23.37	\$20,472.12		\$0.00
18	1,000	LF	FURNISH & INSTALL 8' WIDE CONCRETE CHANNEL - BACK OF LOT - INCLUDES FORMING PLACEMENT EXCAVATION SUBGRADE COMPACTION AND W-6X6-6/6 W.W.F. COMPLETE IN PLACE	\$55.00	\$55,000.00	\$108.00	\$108,000.00	\$47.25	\$47,250.00	\$44.57	\$44,570.00		\$0.00
19	3	EACH	FURNISH & INSTALL DRAINAGE INLET TYPE I (TWO GRATE) COMPLETE IN PLACE	\$6,500.00	\$19,500.00	\$8,190.00	\$24,570.00	\$3,850.00	\$11,550.00	\$5,773.14	\$17,319.42		\$0.00

APPROVED BY: *mmp*

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20	2	EACH	FURNISH & INSTALL DRAINAGE INLET TYPE I (FOUR GRATE) COMPLETE IN PLACE	\$7,500.00	\$15,000.00	\$10,530.00	\$21,060.00	\$9,200.00	\$18,400.00	\$8,295.58	\$16,591.16		\$0.00		
21	1	EACH	FURNISH & INSTALL DRAINAGE INLET TYPE I (OFF STREET) COMPLETE IN PLACE	\$5,500.00	\$5,500.00	\$5,460.00	\$5,460.00	\$3,500.00	\$3,500.00	\$4,899.43	\$4,899.43		\$0.00		
22	2	EACH	FURNISH & INSTALL 72" MANHOLE, SIX FOOT STANDARD DEPTH COMPLETE IN PLACE	\$6,500.00	\$13,000.00	\$15,600.00	\$31,200.00	\$4,200.00	\$8,400.00	\$4,463.17	\$8,926.34		\$0.00		
23	20	LF	FURNISH & INSTALL ADDITIONAL VERTICAL FEET OF 72" MANHOLE. COMPLETE IN PLACE	\$400.00	\$8,000.00	\$351.00	\$7,020.00	\$280.00	\$5,600.00	\$2,538.36	\$50,767.20		\$0.00		
24	2	EACH	CONNECTION TO EXISTING MANHOLE / INLET INCLUDING PENETRATION AND SEALING COMPLETE IN PLACE	\$2,500.00	\$5,000.00	\$936.00	\$1,872.00	\$350.00	\$700.00	\$1,048.00	\$2,096.00		\$0.00		
25	3,000	SF	FURNISH & INSTALL RIP RAP PIPE PROTECTION. TO 12 INCH ROCK SIZE, 24 INCH THICK WITH NON-WOVEN GEOTEXTILE FABRIC COMPLETE IN PLACE	\$9.50	\$28,500.00	\$10.00	\$30,000.00	\$2.25	\$6,750.00	\$4.59	\$13,770.00		\$0.00		

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26	3	EACH	FURNISH & INSTALL OUTLET AND HEADWALL COMPLETE IN PLACE	\$7,500.00	\$22,500.00	\$17,160.00	\$51,480.00	\$5,550.00	\$16,650.00	\$1,779.31	\$5,337.93		\$0.00
27	25	EACH	FURNISH & INSTALL NEW STANDARD GRATES COMPLETE IN PLACE	\$600.00	\$15,000.00	\$1,248.00	\$31,200.00	\$380.00	\$9,500.00	\$989.57	\$24,739.25		\$0.00
28	4,750	CY	CUT TO FILL COMPLETE IN PLACE	\$17.50	\$83,125.00	\$31.20	\$148,200.00	\$7.25	\$34,437.50	\$8.52	\$40,470.00		\$0.00
29	18,500	CY	CUT TO WASTE, REMOVAL AND DISPOSAL INCLUDED	\$16.50	\$305,250.00	\$10.30	\$190,550.00	\$4.75	\$87,875.00	\$13.16	\$243,460.00		\$0.00
30	1	EACH	FURNISH & INSTALL NEW DEPTH GAGE COMPLETE IN PLACE	\$2,500.00	\$2,500.00	\$5,460.00	\$5,460.00	\$3,325.00	\$3,325.00	\$917.00	\$917.00		\$0.00
31	200	LF	FURNISH & INSTALL NEW 6-FOOT CHAIN LINK FENCE COMPLETE IN PLACE	\$25.00	\$5,000.00	\$70.20	\$14,040.00	\$18.50	\$3,700.00	\$22.93	\$4,586.00		\$0.00
32	1	LS	FURNISH, INSTALL & MAINTAIN SWP3	\$50,000.00	\$50,000.00	\$10,920.00	\$10,920.00	\$8,500.00	\$8,500.00	\$8,515.00	\$8,515.00		\$0.00

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33	100	LF	ADJUST 8" WATERLINE FURNISH AND INSTALL 8-INCH C-900 POLYVINYL CHLORIDE (PVC) WATER PIPE INSTALLED WITH FITTINGS VALVES AND ACCESSORIES COMPLETE IN PLACE	\$50.00	\$5,000.00	\$117.00	\$11,700.00	\$32.50	\$3,250.00	\$104.80	\$10,480.00		\$0.00
34	100	LF	REMOVE AND DISPOSE OF EXISTING WATER LINE PER PLANS	\$30.00	\$3,000.00	\$15.60	\$1,560.00	\$10.50	\$1,050.00	\$1.97	\$197.00		\$0.00
35	1	LS	TRAFFIC CONTROL DURATION OF PROJECT	\$10,000.00	\$10,000.00	\$15,000.00	\$15,000.00	\$18,600.00	\$18,600.00	\$8,515.00	\$8,515.00		\$0.00
BASE BID SUM TOTAL (LINE ITEM #1 - # 35)					\$880,057.50		\$996,816.60		\$485,776.00		\$697,026.71		\$0.00
BID BOND SUBMITTED				YES		YES		YES		YES			
AMENDMENTS ACKNOWLEDGED				NONE ISSUED		NONE ISSUED		NONE ISSUED		NONE ISSUED			

APPROVED BY: *MWP*