

CITY OF EL PASO, TEXAS
DEPARTMENT HEAD'S SUMMARY REQUEST FOR COUNCIL ACTION (RCA)

DEPARTMENT: Engineering Department

AGENDA DATE: September 11, 2007

CONTACT PERSON/PHONE: R. Alan Shubert, City Engineer (X4423)

DISTRICT(S) AFFECTED: 7

SUBJECT:

Approve Contract Change Order No. 6 to CSA Engineers for the Davis Drive Street & Drainage Improvements Project (Contract Number 2006-132). The dollar amount of this change order is \$65,000.00. The new total contract value will be \$838,660.60.

BACKGROUND / DISCUSSION:

The Davis Drive Street & Drainage project is a Community Development funded project that is nearly completed. The storm drain system was designed to connect to a ponding area to be constructed under the Dorbandt Street & Drainage project that was held up due to delays completing required property acquisition. In order to expedite the completion of the storm water drainage system for the Davis Street project, the ponding area that was part of the Dorbandt project will be completed via this change order. The ponding area construction will be funded by the Dorbandt project and not impact the Community Development funds.

PRIOR COUNCIL ACTION:

None

AMOUNT AND SOURCE OF FUNDING:

Funding available from 2004 General Obligation bonds in project number PBE04ST108A.

BOARD / COMMISSION ACTION:

N/A

CITY CLERK DEPT.
07 AUG 30 PM 2:02

***** REQUIRED AUTHORIZATION *****

LEGAL: (if required) _____ **FINANCE:** (if required) _____

OTHER:  _____
(Example: if RCA is initiated by Engineering, client department should sign also)
Information copy to appropriate Deputy City Manager

APPROVED FOR AGENDA:

CITY MANAGER: _____ **DATE:** _____

RESOLUTION

BE IT RESOLVED BY THE CITY COUNCIL OF THE CITY OF EL PASO

That the City expend additional available funding in the amount of \$65,000.00 to CSA Engineers to fund additional labor and materials for Contract Number 2006-132, Davis Drive Street & Drainage Improvements Project.

ADOPTED THIS _____ DAY OF _____, 2007.

THE CITY OF EL PASO

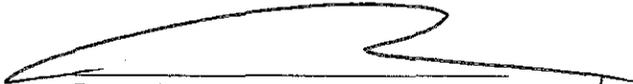
John F. Cook, Mayor

ATTEST:

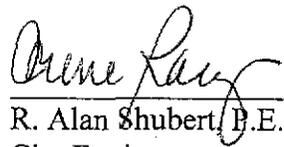
Richarda Duffy Momsen, City Clerk

APPROVED AS TO FORM:

APPROVED AS TO CONTENT:



Lupe Cuellar
Assistant City Attorney


for _____
R. Alan Shubert, P.E., C.B.O.
City Engineer

City of El Paso
Scope of Work

Davis Drive Street & Drainage Improvements
Solicitation No. 2006-132

BASE BID I:

CONSTRUCTION FROM DAVIS DR. AT ALAMEDA AVE. TO JUST BEFORE FRANKLIN CANAL INCLUDES NEW STORM SEWER SYSTEM TO CONNECT TO EXISTING WINCHESTER STORM SEWER TO THE NORTH OF THE JORNADO LATERAL, AND NEW STORM SEWER SYSTEM TO CONNECT TO IRWIN ST. STORM SEWER SYSTEM TO PROPOSED POND TO BE CONSTRUCTED UNDER THE DORBANDT CITY PROJECT.

Requirements for the construction of this part of the project consists of the demolition of existing pavement, concrete curb & gutter, driveway entrances, sidewalks, removal and trimming of trees, removal and replacement of fences where necessary (different types), relocation of power poles, removal and relocation of street signs, construction of 18", 24", and 36" RCP Class III storm sewer system with inlets and manholes/junction boxes, dewatering (as necessary) and 1850 linear ft. of trench safety system for the storm sewer, installation of new pavement, installation of new concrete curb & gutter, installation of new sidewalks, installation of stem walls where necessary, replacement of driveways and all necessary appurtenances for the completion of this work as required in the plans and specifications.

Requires establishing of traffic and erosion control measures, selective demolition and replacement of asphalt paving, portions of curb & gutter and sidewalks. Included under this Base Bid I are the installation and adjustment of sanitary sewer lateral connections. System accessibility by property owners is required at all times during construction. This item also involves the coordination for relocation and reconstruction of utilities as called for in the plans or as may be deemed necessary by the respective utilities.

Base Bid II:

The **Water** work for DAVIS DRIVE STREET AND DRAINAGE IMPROVEMENTS consists of the installation of approximately 1684 LF of 8-Inch C900 PVC, fire hydrants, water service, fittings, and all necessary appurtenances for the completed main or structure, including approximately 1684 LF of Trench Safety System.

Base Bid III:

The **Sanitary Sewer** work for DAVIS DRIVE STREET AND DRAINAGE IMPROVEMENTS consists of the installation of approximately 120 LF of 8-Inch PVC SDR35, standard manholes, drop manholes, extra depth for manholes, sanitary sewer services, abandoning of 12-inch sanitary sewer line and manholes, and all necessary appurtenances for the completed main structure, including approximately 138 LF of Trench Safety System.

Scope of Work Special Instructions .

Contractor shall include an approved traffic control plan for construction; approved by the City of El Paso's Traffic Division and the Texas Department of Transportation. Contractor shall submit traffic control plan no later than two weeks prior to commencement of construction.

Construction of this project will be accomplished as approved by the City of El Paso Engineering Department. All work shall begin at Notice to Proceed, and must be completed within the indicated time frame. Liquidated damages shall apply at the end of the project duration.

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

The description of this scope of work is only a general overview of this project. Contractor shall refer at all times to the project plans and specifications for further specific information.

This is a Unit Price Project.

**CITY OF EL PASO FINANCIAL SERVICES DEPARTMENT
CONTRACT CHANGE ORDER**

AT

*cy
RS*

RECEIVED

AUG - 6 2007

Community Development Department

DATE: 8/3/2007
PROJECT: DAVIS DRIVE STREET AND DRAINAGE IMPROVEMENTS
TO (Contractor): CSA CONSULTING ENGINEERS

CHANGE ORDER NO.: 6
 SCOPE CHANGE CONSTRUCTION CHANGE
BID NO.: 2006-132
DEPT. ID#: 14200403
PROJ/GRANT/USER: PBE04ST108A
FUND: 29123
ACCOUNT: 508027
PO NO.: 2006004771

You are directed to make the following changes to this Contract:

Please add to Base Bid I:
(1) Ponding area complete in place, 1 l.s. @ \$65,000.00 VALUE ENGINEERING

TOTAL COST = \$65,000.00

CHANGE ORDER AMOUNT : 65,000.00

Original Contract Sum	679,932.07
Net Change by previous Change Orders	77,800.00
Net Change by previous Construction Quantity Notices	15,928.53
Contract Sum prior to this Change Order	773,660.60
Contract Sum will be (increased) (decreased) (unchanged)	By this Change Order 65,000.00
New Contract Sum, including this Change Order	838,660.60
Total Net Value of Change Orders To Date	142,800.00
Total Net Value of Construction Quantity Notices to Date	15,928.53

Contract Time will be (increased) (decreased) (unchanged) BY (30) DAYS* Original Contract Days: 180
Days by Previous and Current Change Orders: 135
Total Days: 315

* Subject to the terms of the Contract, GENERAL CONDITIONS, SECTION 2.5

Net Change Order Percentage (Not to exceed 25%) 23.34%

CONTRACTOR	COMMUNITY DEVELOPMENT	CITY OF EL PASO
CSA CONSULTING ENGINEERS		CITY COUNCIL ACTION REQUIRED: <input checked="" type="checkbox"/> No [] Yes Date Approved
By: <i>Francisco Esperanza II</i> Type or Print Name 8-6-07 Date	By: <i>Anthony C. Shaar</i> ANTHONY C. SHAAIR Type or Print Name 8/6/07 Date	By: <i>R. Alan Shubert</i> R. Alan Shubert, P.E. City Engineer 8/6/07 Date

Change Order No. 6

TO: Contract Compliance **DATE:** 8-3-07
FROM: Julian Rodriguez **Engineering ext.** 4203
RE: Project: Davis Drive Street and Drainage Improvements **Bid No:** 2006-132

Construction Change Order

Please Indicate Type: Construction Scope
Please Indicate Action to PO: Increase Decrease

Change in Contract Time: 30 Days

Unforeseen Condition:
Value Engineering: \$65,000.00
Design Oversight:
User Request:
Total \$65,000.00

RECEIVED
AUG 03 2007
ENGINEERING DEPARTMENT
CONTRACT COMPLIANCE

Please Add to Base Bid I:

- (1) Ponding area complete in place:
1 l.s. @ \$65,000/l.s. = \$65,000.00 Value Engineering

TOTAL COST = \$ 65,000.00

Attachments: Problem/Solution Rationalization
Contractor Cost Proposal

Change Order No. 6

Davis Drive St & Drainage
Montoya Heights Drainage Improvements Phase I
Bid No. 2006-132

August 3, 2007

Justification:

The ponding area to be constructed is originally scheduled to be built under a different project. However, it is pertinent that the ponding area gets built now to reduce the dangers of flooding in this area. The current system does not have an outlet. Therefore:

Please Add to Base Bid I:

- (1) Ponding area complete in place:
1 l.s. @ \$65,000/l.s. = **\$65,000.00 Value Engineering**

TOTAL COST = \$ 65,000.00

1845 Northwestern Drive, Suite C
El Paso, TX 79912
(915) 877-4155

Fax (915) 877-4334
pesparza@csaengineers.com
www.csaengineers.com



csa engineers + constructors

Proposal

To: Sam Rodriguez **Company:** City of El Paso, Engineering Dep.

Fax: 541-4438 **Pages:** 2

Phone: **Date:** 8-02-07

Re: Davis Dr. Pond Excavation **CC:**

Urgent For Review Please Comment Please Reply Please Recycle

• Comments:

Sam:

Here's the price you've requested for the pond excavation and appurtenances.

Labor, Materials, Equipment, Incidentals Lump Sum price of \$ 65,000.00

Includes:

- All excavation, compaction and export for the pond, asphalt millings.
- Outlet structure and rock rip-rap, complete in place.
- All demolition as shown, erosion control, traffic control, engineering & water.
- New 6 ft rockwall, W1 gate, signs and pole gauge.
- Clean up.

Exclusions:

- Import of special fill for under structures.
- Permits, fees, testing.
- Temp fencing
- Street, sidewalk, driveway repair.
- Dewatering.

August 2, 2007

Let me know if you have any questions.

Thanks,



Paco Esparza, CM

915/877-4155

915/478-1069

MOTION
JULY 25, 2006

Motion made by Representative Steve Ortega, seconded by Representative Lilly, and unanimously carried to approve the award of Davis Drive Street & Drainage Improvements (Solicitation No. 2006-132) to Karlsruher, Inc. dba CSA Engineers & Constructors for an estimated total amount of \$679,932.07. The Engineering and Street Departments request this project's approval. The funding source will be a Community Development Block Grant.

If apparent low bidder is disqualified for any reason, City Council reserves the right to exercise any option legally available under the law by awarding bid to next lowest responsive and responsible bidder even though the bidder is not named on this agenda.

It is requested that the City Manager of the City of El Paso be authorized to execute a contract and any other necessary documents relating to this Solicitation, which are necessary to carry out the intent of this award.

Work under the unit price component is only an estimated value and will be ordered, performed, invoiced, and paid by measured quantity. The actual cost of the unit price component 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 which are within the appropriate budget.

This is a low-bid project, not a best-value contract.

District(s): 7
[Engineering Department, Rick Conner, (915) 541-4423]

NOT PRESENT FOR THE VOTE: Representative Byrd

Richarda Duffy Momsen, City Clerk

REQUEST TO CHANGE SCOPE OF WORK- CONSTRUCTION PHASE

Date:

24 Aug 07

To:

Patricia D. Aauto, Deputy City Manager
Development & Infrastructure Services

From:

Irene Ramirez, Assistant City Engineer

Thru:

R. Alan Shubert, City Engineer

User Department:

User Department Head Signature:

Project Name:

Davis Drive St. & Dng Imp.

Please provide a detailed description of the change in scope of work you are requesting:

Ponding area for project was planned to be built within
Dorbandt Project which has still not been completed. Will use
current Davis Contractor (CSA Engineers) to construct pond.
Funding will come from Dorbandt project not CD.

Please provide a detailed explanation why the change in scope is necessary and beneficial:

Allows construction of pond to alleviate temporary flooding
during rainy season. Price of change order very favorable.

For Deputy City Manager Use Only (Please select one)

- _____ Request for change of scope is denied (Return to User Department)
- _____ Engineering Department shall proceed to obtain more information to make reasonable decision on scope change. (Submit to City Engineer)

FOR ENGINEERING DEPARTMENT USE ONLY

The Assistant City Engineer with the assistance from the Scope Development Section (SCD), Capital Projects Manager (CPM), Program Management Division (PMD), and Construction Management Division (CMD) will obtain the following information:

Budget Summary

Original Project Budget (CPM):		<u>1,032,533.00</u>
Original Design Budget:(CPM)		<u>13,600.00</u>
Original Construction Budget:(CPM)		<u>948,263.51</u>
Original Construction Contingency:(CPM)		<u>94,000.00</u>
Original Design Management Budget:(CPM)		<u>8,921.85</u>
Original Construction Management Budget:(CPM)		<u>38,595.28</u>
Original Contract Compliance Budget:(CPM)		<u>- 0 -</u>
Original Testing Budget: (CPM)		<u>19,447.35</u>
Projected cost to be spent by Scope preparer(SCD)	<u>0</u> hrs x \$65.80/hr=	<u>- 0 -</u>
Projected additional design cost (PMD)		<u>- 0 -</u>
Projected additional construction cost (PMD)		<u>65,000.00</u>
Projected cost to be spent by PM Division (PMD)	_____ hrs x \$65.80/hr=	<u>- 0 -</u>
Projected cost to be spent by Inspectors (CMD)	<u>20</u> hrs x \$65.80/hr=	<u>1300</u>
Project cost to be spent-Contract Compliance(CPM)	<u>10</u> hrs x \$65.80/hr=	<u>658.00</u>
Projected additional testing cost (PMD)		<u>2000.00</u>

Total projected additional cost due to scope change \$68,958.00

Is a budget increase necessary? No If so how much? _____

Is a budget transfer necessary? No Does it require Council approval? _____

Schedule Summary

Original Project Schedule:(PMD) N/A
Original Design Schedule:(PMD) N/A
Original Construction Schedule:(PMD) N/A
Original Bidding Schedule: (PMD) N/A

Is a design amendment necessary? No Does it require Council approval? _____

Is a change order necessary? yes Does it require Council approval? yes

Project time to process design amendment -0- days (PMD)
Project time to process change order 1 days (PMD)

Projected time to be spent by Scope preparer 1 days (SCD)
Projected additional design time -0- days (PMD)
Projected additional construction time 30 days (PMD)
Projected time to be spent by PM Division -0- days (PMD)
Projected time to be spent by Construction Division -0- days (CMD)
Projected time to be spent by Contract Compliance 1 days (CPM)
Other projected time to be spent: -0- days (PMD)

Total projected additional time due to scope change 33 days

Summary

Does the Assistant City Engineer recommend to Deputy City Manager approval of scope change?

GR Yes _____ No

Please explain recommendation

Constructing the pond now will allow the system to function sooner. We are still paying for it from the project it was intended to be paid from.

Original Project Completion date: _____ (PMD)
New Required Completion date: _____ (PMD)

Original Project Budget: _____ (CPM)
New Required Project Budget: _____ (CPM)

Does the Deputy City Manager approve scope change?

Yes No

Deputy City Manager signature
Date

PPadauto
8/28/07