

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

**DEPARTMENT:** Engineering  
**AGENDA DATE:** September 5, 2006

**CONTACT PERSON/PHONE:** Rick Conner, City Engineer (X4423)  
**DISTRICT (S) AFFECTED:** 5  
**PROJECT NAME/SOLICITATION NO.** Median Landscaping George Dieter Dr., Montwood Dr., and Pebble Hill Blvd/2005-126

**SUBJECT:**

Approve Construction Change Order No. 3 to Accent Landscaping & Sprinklers, Inc. for the Median Landscaping, George Dieter Drive, Montwood Drive & Pebble Hills Boulevard Project. The dollar amount of this change order is \$37,288.98 and the change order also increases the unit quantities. This is a unit-priced contract currently estimated at \$3,576,525.28. Work under this unit-priced contract is only an estimated quantity and will be ordered, performed, invoiced and paid by measured quantity at bid unit prices.

**BACKGROUND / DISCUSSION:**

This change order addresses problems discovered during the construction of medians on Pebble Hills, Montwood and George Dieter. On Pebble Hills at the intersections of Eads and Fierro, storm water erosion problems will be addressed by the placement of stamped concrete. On George Dieter 215 linear feet of curb and gutter must be replaced. Montwood includes correction of problems with irrigation pressure, improves irrigation servicing by installing additional water meters, corrects ADA compliance issues, and calls for modifications to electrical service locations. The maximum dollar amount requested is \$37,288.98.

**PRIOR COUNCIL ACTION:**

None.

**AMOUNT AND SOURCE OF FUNDING:**

Funding is available from the 2004 Bonds under project numbers PBE04ST121, PBE04ST110, & PGE04ST126

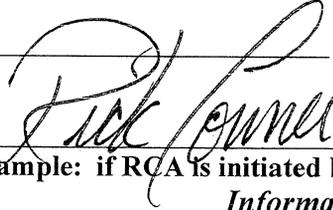
**BOARD / COMMISSION ACTION:**

N/A

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

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

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

  
AA (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:** \_\_\_\_\_

Please place the following item on the CONSENT agenda for the Council Meeting of SEPTEMBER 5, 2006:

Approve Construction Change Order Number 3 to Accent Landscaping & Sprinklers, Inc. for the Median Landscaping George Dieter Drive, Montwood Drive & Pebble Hills Boulevard Project. The dollar amount of this change order is \$37,288.98 and increases the unit quantities. Work under this unit-priced contract is only an estimated quantity and will be ordered, performed, invoiced and paid by measured quantity at bid unit prices.

Funds Available: PBE04ST121-14200403-29136-508027 & PBE04ST110-14200403-29125-508027 & PBE04ST126-14200403-29141-508027

Funding Source: 2004 General Obligation Bonds

Remaining Contingency: \$1,157,317.79

Location(s): George Dieter Drive, Montwood Drive & Pebble Hills Boulevard

District(s): 5

Contact Person: Rick Conner, City Engineer – 541-4423

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AGENDA ITEM FOR: SEPTEMBER 5, 2006

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

DATE: 7/10/2006

PROJECT: MEDIAN LANDSCAPING, GEORGE DIETER DR.,  
MONTWOOD DR. & PEBBLE HILLS BLVD.

TO (Contractor): ACCENT LANDSCAPING & SPRINKLERS, INC.

CHANGE ORDER NO.: 03

SCOPE CHANGE       CONSTRUCTION CHANGE

BID NO.: 2005-126  
\$1,958.91      \$2,580.00      \$ 32,749.53

DEPT. ID#: 14200403      14200403      14200403

PROJ/GRANT/USER: PBE04ST126      PBE04ST110      PBE04ST121

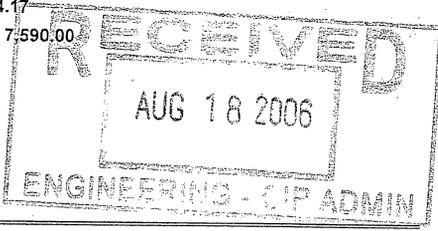
FUND: 29141      29125      29136

ACCOUNT: 508027      508027      508027

PO NO.: 2005007733

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

- Pebble Hills - Base Bid IV: 1). The removal of chat landscaping material (as per plan) and the installation of additional P.V.C. sleeves so that stamped concrete can be placed to control erosion. Cost \$ 1,958.91
- George Dieter - Base Bid I: 2). Removal and replacement of 215 in. ft. of concrete curb and gutter. Cost \$2,580.00
- Montwood - Base Bid II: 3). Additional automated irrigation valve. Cost \$969.92    4). Three additional 3/4" Water meters. Cost \$6,243.37
- 5). A.D.A. accessible ramps @ Montwood and McRae. Cost \$5,200.88    6). Additional automated irrigation valve. Cost \$ 494.17
- 7). Franklin red landscaping rock 24,492 sq. ft. of 1" - 3" size. Cost 1,225.19    8). Two additional electrical services. Cost \$ 7,590.00



CHANGE ORDER AMOUNT : 37,288.98

Original Contract Sum	3,405,520.01
Net Change by previous Change Orders	65,653.05
Net Change by previous Construction Quantity Notices	105,352.22
Contract Sum prior to this Change Order	3,576,525.28
Contract Sum will be (increased) (decreased) (unchanged)	By this Change Order 37,288.98
New Contract Sum, including this Change Order	3,613,814.26
Total Net Value of Change Orders To Date	102,942.03
Total Net Value of Construction Quantity Notices to Date	105,352.22

Contract Time will be (increased) (decreased) (unchanged) BY ( 45 ) DAYS\*      Original Contract Days: 270

Days by Change Order: 91

Total Days: 361

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

Net Change Order Percentage (Not to exceed 25%) 6.12%

CONTRACTOR	COEP USER DEPARTMENT	CITY OF EL PASO
ACCENT LANDSCAPING SPRINKLERS, INC.	STREET DEPARTMENT	
By: <u>Joe L. Aguilar Jr</u> <u>Joe L. Aguilar Jr</u> Type or Print Name <u>7-12-06</u> Date	By: <u>Daryl W Cole</u> <u>Daryl W Cole</u> Type or Print Name <u>8/9/06</u> Date	CITY COUNCIL ACTION REQUIRED: <input type="checkbox"/> No <input checked="" type="checkbox"/> Yes Date Approved
ARCHITECT / ENGINEER		
SCHRICKEL, ROLLINS & ASSOCIATES, INC.		
By: <u>Henry L. Parker</u> <u>HENRY L. PARKER</u> Type or Print Name <u>7-14-06</u> Date		By: <u>JR Rick Conner</u> <u>Rick Conner</u> City Engineer <u>8-17-06</u> Date





# JUSTIFICATION

## Median Landscaping - George Dieter , Montwood , and Pebble Hills

### Change Order # 3

June 20 , 2006

Base Bid # 1 – George Dieter

Problem : There are ( 2 ) Intersections on Pebble Hills ( Eads and Pebble Hills , and Fierro and Pebble Hills ) that are Points of Concentration for Storm Water run-off where erosion of Chat Landscaping is a concern.

Solution : Remove Chat Landscaping that was placed as per plan ; and Install P.V.C. Sleeves so that Stamped Concrete can be placed.

George Dieter – Base Bid # I

Problem : There are areas of Existing Curb and Gutter that are in poor condition.

Solution: Remove and Replace 215 ln. ft. of Concrete Curb and Gutter.

Montwood - Base Bid # II

Problem : ~~Due to a long uphill run the Water Pressure in an Irrigation Zone is unable to~~ provide adequate water coverage to all plant material.

Solution : Split the Irrigation Zone by Installing an Additional Automated Sprinkler Valve w/ Box and P.V.C. piping to Increase the Pressure.

Problem : There are ( 2 ) locations where Irrigation Lines are to be Installed under Concrete Intersections ( Montwood and George Dieter , and Montwood and Lee Travino ).

Solution: Install ( 3 ) Additional Water Meters so as to have service locations at either side of ( 2 ) Concrete Intersections to alleviate the need for boring and sleeving of Irrigation lines under said Concrete Intersections.

Problem : There currently are no Handicapped Ramps on the North East Corner of Montwood and Mc Rae , adjacent to Eastwood High School and the new crossing placed in the median.

Solution: Remove and Replace a section of Curb and Gutter , and Sidewalk as per A.D.A. Requirements.

Problem : Due to a long uphill run the Water Pressure in an Irrigation Zone is unable to provide adequate water coverage to all plant material.

Solution : Split the Irrigation Zone by Installing an Additional Automated Sprinkler Valve w/ Box and P.V.C. piping to Increase the Pressure.

Problem : There is a discrepancy between the Bid Documents and the Landscaping Plans as to the location and size of Landscaping Rock to be Installed.

Solution: Install Landscaping Materials as per Plan.

Problem : There are ( 2 ) locations where Electrical Lines are to be Installed under Concrete Intersections ( Montwood and George Dieter , and Montwood and Lee Travino ).

Solution: Install ( 2 ) additional Electrical Services so as to have service locations at either side of ( 2 ) Concrete Intersections to allèviate the need for boring and sleeving of Electrical Lines under said Concrete Intersections.

150 EASY WAY - EL PASO, TX 79912 - (915) 585-1693  
 FAX (915) 585-1695

COMPLETE LANDSCAPING & IRRIGATION PREPARATION & INSTALLATION



June 5, 2006

City Of El Paso  
 Engineering Dept.  
 2 Civic Center Plaza  
 El Paso, Texas 79901-1196  
 Attn: Mr. Randy Greene

Re: Median Landscaping – George Dieter Drive, Montwood Drive and Pebble Hills Blvd.

Dear Mr. Greene,  
 As per your request, please find listed below our prices to perform the additional work you requested. Please note that these are items we do not have unit prices for.

Pebble Hills

1. Remove Franklin Red Screenings, extend PVC sleeve for irrigation and prep for new stamped concrete.

A. Remove 2,600 S.F. of screenings.

Labor	
3 men 8 hrs = 24 man hrs @ \$13.50/hr =	\$324.00
1 bobcat with operator 8 hrs @ \$45.00/hr =	360.00
1 dump truck with driver 5 hrs @ \$45.00/hr =	225.00

B. Extend PVC sleeves

2 laborers 12 hrs each = 24 man hrs @ \$13.50/hr =	\$324.00
1 trencher with operator 4 hrs @ \$45.00/hr =	180.00

Material

216 L.F. 3" PVC @ \$0.65 L.F. =	\$140.40
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C. Traffic Control

	\$150.00
Sub-Total	\$1,703.40
15% Overhead and Profit	255.51
Total	<u>\$1,958.91</u>

George Dieter

2. 215 L.F. of concrete curb and gutter @ \$12.00/L.F. = \$2,580.00

Montwood Drive

3. Add 1 each automatic valve due to insufficient pressure.

Materials	
1 each 1" PEB automatic valve	\$46.00
1 each DC latching solenoid	18.91
1 each TBOS 1 sta. Controller	101.71
1 each 3/4" pressure regulator	42.75
1 each 1" wye strainer	11.56
200 L.F. 1 1/2" PVC pipe \$0.46/L.F.	92.00
L.S. misc. PVC fittings	25.00
2 each std. valve box @ \$15.74/cach =	31.48

Labor	
3 laborers 8 hrs each = 24 man hrs @ \$13.50/hr =	\$324.00
1 working foreman 8 hrs @ \$18.75/hr =	150.00
Sub-Total	\$843.41
15% Overhead and Profit	126.51
Total	\$969.92

4. Add 3 each 3/4" watermeter as per your direction.

Materials	
3 each 3/4" watermeter @ \$1,116.67 =	\$3,350.01
3 each 3/4" backflow preventors @ \$128.50/ea. =	385.50
3 each 3/4" backflow enclosures @ \$250.00/ea. =	750.00
L.S. copper fittings and pipe	75.00
3 each concrete slab @ \$15.00/ea. =	45.00

Labor	
2 laborers 18 hrs each = 36 man hrs @ \$13.50/hr =	\$486.00
1 working foreman 18 hrs @ \$18.75/hr =	337.50
Sub -Total	\$5,429.01
15% Overhead and Profit	814.36
Total	\$6,243.37

5. On Montwood and McRae on the northeast corner re-do entire corner as per your directions.

Curb and gutter, sidewalk and handicap ramps	\$4,522.50
15% Overhead and Profit	678.38
Total	\$5,200.88

6. Add 1 each additional valve @ Montwood and Robert Wyne due to insufficient water pressure.

Materials	
1 each 1" PEB automatic valve	\$46.00
1 each DC Latching solenoid	18.91
1 each TBOS 1 sta. Controller	101.71
1 each 1" wye strainer	11.56

L.S. misc. PVC fittings 15.00

Labor

2 laborers 6 hrs each = 12 man hrs @ \$13.50/hr =	\$162.00
1 working foreman 4 hrs @ \$18.75/hr =	75.00
Sub-Total	\$430.18
15% Overhead and Profit	64.53
Total	<u>\$494.71</u>

7. Add 1" - 3" Franklin Red Rock as noted on plan but no unit price is in the contract for this item 24,492 S.F.

227 cy 1" - 3" Franklin Red Rock @ \$53.97/cy = \$12,251.19

8. Add 2 each new services on Montwood as per your directions.

2 each service poles @ \$3,795.00/ea. = \$7,590.00

Accent Landscaping is requesting 45 additional days be added to our contract time.

Summary:	Item #1 =	\$1,958.91
	Item #2 =	2,580.00
	Item #3 =	969.92
	Item #4 =	6,243.37
	Item #5 =	5,200.88
	Item #6 =	494.71
	Item #7 =	12,251.19
	Item #8 =	7,590.00
	Total	<u>\$37,288.98</u>

If you have any questions, please do not hesitate to call.

Sincerely,

*Joe L. Aguilar Jr.*  
Joe L. Aguilar Jr.



Schrickel, Rollins and Associates, Inc.  
Landscape Architecture • Civil Engineering • Planning



Victor W. Baxter, ASLA  
Kent E. Besley, ASLA  
Joseph E. Bradley, PE  
D. Bryant Caswell, PE  
Terry T. Cheek, ASLA  
Terry E. Cullender  
Dino J. Ferralli, PE  
Daniel B. Hartman, PE  
Delbert W. Hirst, ASLA  
Sanford P. LaHue, Jr., PE  
Robert M. Otey, PE  
Albert W. Rollins, PE  
Christian Schnitger, PE  
Suzanne C. Sweek, ASLA  
Clint T. Wofford, ASLA

Gene Schrickel (1927-2005)

June 27, 2006

City of El Paso  
Engineering Department  
Attn: Mr. Randall Greene  
#2 Civic Center Plaza, 4<sup>th</sup> Floor  
El Paso, Texas 79901

RE: Accent Landscaping Proposal for Additional Work

Dear Mr. Greene:

We take no exception to the quantities or pricing provided by Accent Landscaping for the additional work described in their letter of June 5, 2006.

Yours very truly,

SCHRICKEL, ROLLINS AND ASSOCIATES, INC.

Suzanne C. Sweek, RLA, ASLA  
Project Manager

C: Henry Parker, SRA

SS/jh/4572