

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

**DEPARTMENT:** Engineering

**AGENDA DATE:** June 20, 2006

**CONTACT PERSON/PHONE:** Rick Conner, City Engineer (X4423)

**DISTRICT(S) AFFECTED:** 8

**PROJECT NAME/SOLICITATION NO:** CENTRAL BUSINESS DISTRICT PHASE III / 2005-119

**SUBJECT:**

Approval of Construction Quantity notice number 1 for the Central Business District Phase III project.

**BACKGROUND / DISCUSSION:**

The Construction Quantity Notice Number 1 for the Central Business District Phase III project is a value engineering response to the need to upgrade Santa Fe Street. Due to recent developments including the upcoming construction of the new international bus terminal and the anticipated increase in bus traffic on Santa Fe Street, changing from asphalt to concrete, in the long term, will provide a more economical and maintenance free product. This construction quantity notice decreases the Hot Mix (TY C) by 1,985 tons and adds 1,459 cubic yards of excavation and 12,309 square yards of concrete. This is a unit-priced contract that was awarded for an estimated total amount of \$11,704,121.50. This construction quantity notice will increase the project cost by approximately \$335,241.00. Work under the unit-priced component is only an estimated quantity and will be ordered, performed, invoiced and paid by measured quantity in place at contract completion.

**PRIOR COUNCIL ACTION:**

The CBD III contract was awarded to J.A.R. Concrete in August 2005.

**AMOUNT AND SOURCE OF FUNDING:**

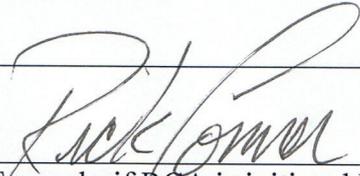
Federal funding is available through TxDOT with a 10% contribution by the City.

**BOARD / COMMISSION ACTION:**

N/A

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

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

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

**CITY OF EL PASO FINANCIAL SERVICES DEPARTMENT  
CONSTRUCTION QUANTITY NOTICE**



|                  |                                     |                                       |   |
|------------------|-------------------------------------|---------------------------------------|---|
| DATE:            | 4/7/2006                            | Const. Quant. Notice #                | 01  |
| PROJECT:         | CENTRAL BUSINESS DISTRICT PHASE III | <input type="checkbox"/> SCOPE CHANGE | <input checked="" type="checkbox"/> CONSTRUCTION CHANGE |
| TO (Contractor): | J.A.R. CONCRETE, INC.               | BID NO.:                              | 2005-119  |
|                  |                                     | DEPT. ID#:                            | \$ 303,057.86   \$ 32,188.14                            |
|                  |                                     | PROJ/GRANT/USER:                      | 31255002   142004063                                    |
|                  |                                     | FUND:                                 | PPWST03001   PPWST03001                                 |
|                  |                                     | ACCOUNT:                              | 27704   29122   |
|                  |                                     | PO NO.:                               | 508027   508027   |
|                  |                                     |                                       | 2006002126  |

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

- 1) Remove from Base Bid: Item No. 3146 - Hot mix (TY C) 1,985 Ton @ \$54.00/Ton = (\$107,190.00) Value engineering.
- 2) Add to Base Bid: Item No. 110 - Excavation (RDWY) 1,450 C.Y. @ 16.50/L.F. = \$23,925.00 Value Engineering.  
Item No. 360 - Conc. Paving (CPCD) (8") 12,309 S.Y. @ 34.00/S.Y. = \$418,506.00 Value Engineering.

CONSTRUCTION QUANTITY NOTICE AMOUNT: 335,241.00

|   |   |
|---|---|
| Original Contract Sum   | \$ 11,704,121.50  |
| Net Change by previous Change Orders                            | 0.00  |
| Net Change by previous Construction Quantity Notices            | 0.00  |
| Contract Sum prior to this Construction Quantity Notice         | 11,704,121.50   |
| <b>Contract Sum will be (increased) (decreased) (unchanged)</b> | <b>By this Construction Quantity Notice: 335,241.00</b> |
| New Contract Sum, including this Construction Quantity Notice   | 12,039,362.50   |
| Total Net Value of Change Orders To Date                        | 0.00  |
| Total Net Value of Construction Quantity Notices to Date        | 335,241.00  |

Contract Time will be (increased) (decreased) (unchanged) **BY ( 0 ) DAYS\***

Original Contract Days: 830  
Days by Change Order: 0  
**Total Days: 830**

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

Net Change Order Percentage (Not to exceed 25%) 2.86%

|   |  |  |
|---|--|--|
| <p align="center"><b>CONTRACTOR</b></p> <p align="center">J.A.R. CONCRETE, INC.</p> <p>By: </p> <p>Type or Print Name: <u>Jose Rosales</u></p> <p>Date: <u>5/19/06</u></p>                      | <p align="center"><b>COEP USER DEPARTMENT</b></p> <p align="center">STREET DEPARTMENT</p> <p>By: </p> <p>Type or Print Name: <u>Daryl W Cole</u></p> <p>Date: <u>5/23/06</u></p> | <p align="center"><b>CITY OF EL PASO</b></p> <p>CITY COUNCIL ACTION REQUIRED:</p> <p align="center">[ ] No [x] Yes</p> <p align="center">_____</p> <p align="center">Date Approved</p><br><p>By: </p> <p><b>Rick Conner</b></p> <p>City Engineer</p> <p>Date: <u>24 May 06</u></p> |
| <p align="center"><b>ARCHITECT / ENGINEER</b></p> <p align="center">BROCK &amp; BUSTILLOS, INC.</p> <p>By: </p> <p>Type or Print Name: <u>SERGIO J. ADAME</u></p> <p>Date: <u>5/17/2006</u></p> |  |  |

# Construction Quantity Notice

TO: **Contract Compliance**      DATE: 4-7-2006  
FROM: Gilbert Guerrero      Engineering ext. 4107  
RE: Project: Central Business District Phase III      Bid No: 2006-119  
TXDOT CSJ: 0924-06-191

## Construction Quantity Notice

Please Indicate Type:      Construction       Scope

Please Indicate Action to PO: Increase       Decrease

Change in Contract Time: 0 Days

### Unforeseen Condition:

Value Engineering:      \$335,241.00

Error/Omission:

User Request:

**Total**      \$335,241.00

### Remove from Base Bid:

- (1) Item No. 3146 – Hot Mix (TY C)  
1,985 Ton @ \$54.00/Ton = **(\$107,190.00) Value Engineering**

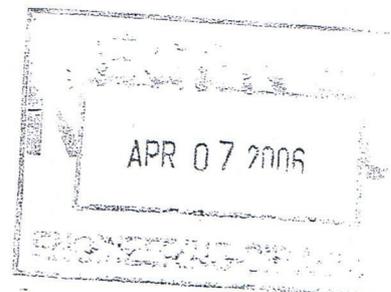
### Add to Base Bid:

- (2) Item No. 110 -- Excavation (RDWY)  
1,450 C.Y. @ 16.50 / L.F. = **\$23,925.00 Value Engineering**
- (3) Item No. 360 -- Conc: Paving (CPCD)(8")  
12,309 S.Y. @ 34.00 / S.Y. = **\$418,506.00 Value Engineering**

**TOTAL COST = \$ 335,241.00**

TxDOT to fund 90.4% of change order = \$303,057.86  
City of El Paso to fund 9.6% of change order = \$32,188.14

Attachments:      Problem/Solution Rationalization  
                         Consultant Cost Analysis



# Central Business District Phase III

Bid No. 2006-119

TxDOT CSJ: 0924-06-191

## Construction Quantity Notice

April 7, 2006

---

### **Justification:**

Due to recent developments in the construction of the new international bus terminal and the anticipated increase in bus traffic on Santa Fe Street, changing from asphalt to concrete, in the long term, will provide a more economical and maintenance free product.

### Remove from Base Bid:

(1) Item No. 3146 – Hot Mix (TY C)

1,985 Ton @ \$54.00/Ton = (\$107,190.00) Value Engineering

### Add to Base Bid:

(2) Item No. 110 -- Excavation (RDWY)

1,450 C.Y. @ 16.50 / L.F. = \$23,925.00 Value Engineering

(3) Item No. 360 -- Conc. Paving (CPCD)(8")

12,309 S.Y. @ 34.00 / S.Y. = \$418,506.00 Value Engineering

**TOTAL COST = \$ 335,241.00**

**TxDOT to fund 90.4% of change order = \$303,057.86**

**City of El Paso to fund 9.6% of change order = \$32,188.14**

**Please use the following Account:**

**2004 Bond**

**Project # PPWST03001**

**Fund # 27704**

**Account # 508027**

**Dept. I.D. # 31255002**

**ADDITIONAL CONSTRUCTION COST TO CHANGE SANTA FE STREET  
FROM ASPHALT TO CONCRETE PAVEMENT  
CSJ 0924-06-191 CENTRAL BUSINESS DISTRICT PHASE III**

**COST USING CURRENT PROJECT UNIT BID PRICES**

| CREDITS                |      |       |                        |      |        |           |                 |
|------------------------|------|-------|------------------------|------|--------|-----------|-----------------|
| ITEM NO.               | CODE | SP NO | DESCRIPTION            | UNIT | QTY    | UNIT COST | EXTENDED AMOUNT |
| 3146                   | 503  | 15    | HOT MIX (TY C)         | TON  | 1,985  | \$ 54.00  | \$ 107,190.00   |
| CREDITS TOTAL          |      |       |                        |      |        |           | \$ 107,190.00   |
| ADDITIONAL COST        |      |       |                        |      |        |           |                 |
| ITEM NO.               | CODE | SP NO | DESCRIPTION            | UNIT | QTY    | UNIT COST | EXTENDED AMOUNT |
| 110                    | 501  |       | EXCAVATION (RDWY)      | CY   | 1,450  | \$ 16.50  | \$ 23,925.00    |
| 360                    | 524  | 53    | CONC PAVING (CPCD)(8") | SY   | 12,309 | \$ 34.00  | \$ 418,506.00   |
| ADDITIONAL COSTS TOTAL |      |       |                        |      |        |           | \$ 442,431.00   |

TOTAL CHANGE IN COST \$ 335,241.00

**COST USING TxDOT AVERAGE LOW BID UNIT PRICE - EL PASO DISTRICT**

| CREDITS                |      |       |                        |      |        |           |                 |
|------------------------|------|-------|------------------------|------|--------|-----------|-----------------|
| ITEM NO.               | CODE | SP NO | DESCRIPTION            | UNIT | QTY    | UNIT COST | EXTENDED AMOUNT |
| 3146                   | 503  | 15    | HOT MIX (TY C)         | TON  | 1,985  | \$ 101.00 | \$ 200,485.00   |
| CREDITS TOTAL          |      |       |                        |      |        |           | \$ 200,485.00   |
| ADDITIONAL COST        |      |       |                        |      |        |           |                 |
| ITEM NO.               | CODE | SP NO | DESCRIPTION            | UNIT | QTY    | UNIT COST | EXTENDED AMOUNT |
| 110                    | 501  |       | EXCAVATION (RDWY)      | CY   | 1,450  | \$ 6.08   | \$ 8,816.00     |
| 360                    | 524  | 53    | CONC PAVING (CPCD)(8") | SY   | 12,309 | \$ 46.02  | \$ 566,461.00   |
| ADDITIONAL COSTS TOTAL |      |       |                        |      |        |           | \$ 575,276.00   |

TOTAL CHANGE IN COST \$ 374,791.00