

**CAMINO REAL REGIONAL MOBILITY AUTHORITY
BOARD RESOLUTION**

WHEREAS, the Camino Real Regional Mobility Authority (CRRMA) entered into a Construction Agreement dated October 15, 2015 (Agreement) with Paso del Norte Trackworks for the construction of the infrastructure component of the El Paso Streetcar Project being developed by the CRRMA;

WHEREAS, a change order, pursuant to the terms and conditions of the Agreement, is necessary to modify the types of rebar required for four (4) intersections along the streetcar route, per the Texas Department of Transportation standards; and

WHEREAS, the parties therefore desire to execute a change order to memorialize the responsibilities of each party related to the additional work contemplated herein.

NOW, THEREFORE, BE IT RESOLVED BY THE CAMINO REAL REGIONAL MOBILITY AUTHORITY:

THAT the Executive Director is hereby authorized to execute Change Order No. 24 with Paso del Norte Trackworks, including any additional documents or materials as may be necessary, for the El Paso Streetcar Project.

PASSED AND APPROVED THIS 13TH DAY OF SEPTEMBER, 2017.

**CAMINO REAL REGIONAL
MOBILITY AUTHORITY**

Joe D. Wardy, Vice Chair

ATTEST:

Joe R. Fernandez, Board Secretary

APPROVED AS TO CONTENT:

Raymond L. Telles
Executive Director

CAMINO REAL REGIONAL MOBILITY AUTHORITY

El Paso Streetcar Infrastructure Project

CONSTRUCTION CONTRACT CHANGE ORDER NUMBER: 0024.00

1. CONTRACTOR: Granite Construction
2. Change Order Work Limits: Sta: Throughout the project corridor
3. Type of Change: (Major/Minor) Minor
4. Describe the change and the reason for the change order. When necessary, include exceptions to this agreement.

This change order is for the additional cost incurred to install rebar in accordance with the TxDOT standard detail in lieu of the detail shown in the project plans and clarified in the Q&A pre-bid. CRRMA directed PDNT to utilize the TxDOT standard detail for reinforcing the continuously reinforced concrete pavement in four TxDOT intersections: Paisano/Kansas, Paisano/Santa Fe, Wyoming/Oregon and Wyoming/Stanton. The detail for the project calls out for #4 rebar at 18" O.C., whereas the TxDOT detail calls for #6 rebar at 8" O.C. longitudinally and #5 bar at 48" O.C. laterally which is over 2.5 times the amount of rebar by weight in a 10 x 10 area.

Additional time and cost may be requested once the full schedule impact is realized. Engineer has reviewed that pricing for this change order is fair and reasonable.

5. New or revised plan sheet(s) are attached and numbered: N/A

Each signatory hereby warrants that each has the authority to execute this Change Order

| | |
|---|---|
| <p>By signing this change order, the contractor agrees to waive any and all claims for additional compensation due to any and all other expenses; additional changes for time, overhead and profit; or loss of compensation as a result of this change. Further, the contractor agrees that this agreement is made in accordance with Article 3.4 of the Contract General Conditions. Exceptions should be noted in the response for #4 and #5 above.</p> <p>Granite Construction Date <u>9/6/17</u></p> <p>By _____</p> <p>Typed/Printed Name _____ <u>Stanton Duke</u></p> <p>Project Manager _____</p> | <p>The following information must be provided</p> <p>Time Ext. #: <u>N/A</u> Days added on this C.O.: <u>N/A</u></p> <p>Amt. added by this change order: <u>\$ 34,983.16</u></p> <hr/> <p>For CRRMA use only:</p> <p>Days participating: _____</p> <p>Amount participating: _____</p> <p>_____ _____</p> <p>Signature Date</p> <p><u>Raymond Telles, Executive Director</u></p> <p>Name/Title</p> |
|---|---|

RECOMMENDED FOR EXECUTION:

Steph Math 9/6/17
Name/Title Date
APPROVAL REQUEST APPROVAL

J. J. [unclear] 9/6/17
Name/Title Date
APPROVAL REQUEST APPROVAL

Name/Title Date
APPROVAL REQUEST APPROVAL

Name/Title Date
APPROVAL REQUEST APPROVAL

Name/Title Date
APPROVAL REQUEST APPROVAL

Name/Title Date
APPROVAL REQUEST APPROVAL

Name/Title Date
APPROVAL REQUEST APPROVAL

Name/Title Date
APPROVAL REQUEST APPROVAL

Engineer's Seal:

CONSTRUCTION CONTRACT CHANGE ORDER NUMBER: 0024.00

Estimated Cost: SEE
ATTACHED

Paid by _____ Paid by Invoice? (Yes No)

TABLE A: Force Account Work and Materials Placed into Stock

| LABOR | HOURLY RATE | EQUIPMENT | HOURLY RATE |
|----------------|-------------|-----------|-------------|
| *SEE ATTACHED* | | | |
| | | | |
| | | | |
| | | | |
| | | | |
| | | | |
| | | | |

TABLE B: Contract Terms

| | | | | ORIGINAL + PREVIOUSLY REVISED | | NEW | | |
|------|----------------|------|------------|----------------------------------|-----------|----------|-----------|----------------------|
| ITEM | DESCRIPTION | UNIT | UNIT PRICE | QUANTITY | ITEM COST | QUANTITY | ITEM COST | OVERRUN/ UNDERRUN |
| | *SEE ATTACHED* | | | | | | | |
| | | | | | | | | |
| | | | | | | | | |
| | | | | | | | | |
| | | | | | | | | |
| | | | | | | | | |
| | | | | | | | | |
| | | | | | | | | |

TABLE B: Contract Terms (Continued)

| | | | | ORIGINAL + PREVIOUSLY REVISED | | NEW | | |
|------|----------------|------|------------|-------------------------------|-----------|----------|-----------|----------------------|
| ITEM | DESCRIPTION | UNIT | UNIT PRICE | QUANTITY | ITEM COST | QUANTITY | ITEM COST | OVERRUN/ UNDERRUN |
| | *SEE ATTACHED* | | | | | | | |
| | | | | | | | | |
| | | | | | | | | |
| | | | | | | | | |
| | | | | | | | | |
| | | | | | | | | |
| | | | | | | | | |
| | | | | | | | | |
| | | | | | | | | |
| | | | | | | | | |
| | | | | | | | | |
| | | | | | | | | |
| | | | | | | | | |
| | | | | | | | | |
| | | | | | | | | |
| | | | | | | | | |
| | | | | | | | | |
| | | | | | | | | |
| | | | | | | | | |
| | | | | | | | | |
| | | | | | | | | |
| | | | | | | | | |
| | | | | | | | | |
| | | | | | | | | |
| | | | | | | | | |

August 14, 2017

Camino Real Regional Mobility Authority
300 N. Campbell, 2nd Floor
El Paso, TX 79901



Attn: Gilbert Gardner PE, ASQ CMQ/OE
Construction Manager

RE: El Paso Streetcar Infrastructure Project

Subject: Change Proposal 057 – Additional Cost for TxDOT rebar Paisano and Wyoming Intersections

Paso Del Norte Trackworks (PDNT) is submitting pricing for the additional cost incurred to install rebar in accordance with the TxDOT standard detail in lieu of the detail shown in the project plans and clarified in the Q&A prebid. CRRMA directed PDNT to utilize the TxDOT standard detail for reinforcing the continuously reinforced concrete pavement in four TxDOT intersections: Paisano/Kansas, Paisano/Santa Fe, Wyoming/Oregon and Wyoming/Stanton. The detail for the project calls out #4 rebar at 18" O.C., whereas the TxDOT detail calls for #6 rebar at 8" O.C. longitudinally and #5 bar at 48" O.C. laterally which is over 2.5 times the amount of rebar by weight in a 10 x 10 area.

The cost for the above mentioned scope is:

| Item No | Description | Quantity | UM | Unit Price | Total |
|---------|---|----------|----|--------------|---------------------|
| 10 | Additional cost for TxDOT Rebar - Paisano Intersections | 1 | LS | \$ 11,707.51 | \$ 11,707.51 |
| 20 | Additional cost for TxDOT Rebar - Wyoming Intersections | 1 | LS | \$ 23,275.65 | \$ 23,275.65 |
| | | | | | \$ 34,983.16 |

If you have any questions regarding this submittal please feel free contact me at (520) 260-7779

Sincerely,



Anthony Alfonso
Project Manager
Paso Del Norte Trackworks



CHANGE PROPOSAL COST SUMMARY SHEET
 Camino Real Regional Mobility Authority
 El Paso Streetcar Infrastructure Project
 CHANGE PROPOSAL NO. 57
 Additional Cost for TxDOT Rebar Pasiano and Wyoming Intersections
 August 14, 2017

| Item | Rate | Amount | Total Amount |
|---|--------|--------------|---------------------|
| A. Direct Costs (1+2+3+4) | | | \$ 30,008.60 |
| 1) Labor Cost | | \$ - | |
| 2) Subcontractor Cost | | \$ - | |
| 3) Equipment | | \$ - | |
| 4) Cost of Materials and Supplies | | \$ 30,008.60 | |
| B. Indirect Cost (a+b) | | | \$ 24.49 |
| a) General Conditions | | \$ - | |
| b) Builder's Risk Insurance | | \$ 24.49 | |
| C. Overhead and Profit (Self Performed) (A-SUB) x Rate | 15.00% | | \$ 4,504.96 |
| D. Overhead and Profit (Subcontractor) (SUB) x Rate | 5.00% | | \$ - |
| E. Taxes (C+D) x Rate (Franchise Tax) | 0.950% | | \$ 42.80 |
| Bonds (Reimbursable w/ 15% Markup) (A+B+C+D+E) x Rate | 1.150% | | \$ 402.31 |
| COST OF WORK (A+B+C+D+Bonds) | | | \$ 34,983.16 |

Prepared By:

Signature

Anthony Alfonso

Printed Name

Project Manager

Title

August 14, 2017



CHANGE PROPOSAL DIRECT COST SUMMARY SHEET
 Camino Real Regional Mobility Authority
 El Paso Streetcar Infrastructure Project
 CHANGE PROPOSAL NO. 57
 Additional Cost for TxDOT Rebar Pasiano and Wyoming Intersections
 August 14, 2017

| Item # | Description | Quantity | Units | Unit Price | Labor | Material | Equipment | Subcontract | Amount |
|--------|---|----------|-------|--------------|-------|--------------|-----------|-------------|--------------|
| 10 | Additional Cost for TxDOT Rebar Paisano Intersections | 1 | LS | \$ 10,042.72 | \$ - | \$ 10,042.72 | \$ - | \$ - | \$ 10,042.72 |
| 20 | Additional Cost for TxDOT Rebar Wyoming Intersections | 1 | LS | \$ 19,965.88 | \$ - | \$ 19,965.88 | \$ - | \$ - | \$ 19,965.88 |
| | TOTALS | | | | \$ - | \$ 30,008.60 | \$ - | \$ - | \$ 30,008.60 |