

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 (Project);

WHEREAS, a change order, pursuant to the terms and conditions of the Agreement, is necessary to accommodate the Contractor's use of flowable backfill in various locations throughout the Project corridor; 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. 29 with Paso del Norte Trackworks, including any additional documents or materials as may be necessary, regarding the use of flowable backfill at various locations of the El Paso Streetcar Project.

PASSED AND APPROVED THIS 8TH DAY OF NOVEMBER, 2017.

**CAMINO REAL REGIONAL
MOBILITY AUTHORITY**

Susan A. Melendez, 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: 0029.00

1. CONTRACTOR: Granite Construction
2. Change Order Work Limits: Sta: Various locations throughout 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 a flowable backfill item that was used outside of CBD-IV. Currently, only base bid 4 has a line item for flowable backfill, which is item BB4-13. However, due to unforeseen conditions and redesigns, there were several locations outside of CBD-IV that required the use of flowable backfill. In the change proposal, there is a table showing the dates and the locations of flowable backfill outside of CBD-IV. There was a total of 370 cubic yards placed. The additional flowable backfill was billed at Base Bid 4, Line Item 13's unit price.

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>11/2/17</u></p> <p>By <u>[Signature]</u></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>\$ 38,850.00</u></p>
	<p>For CRRMA use only:</p> <p>Days participating: _____</p> <p>Amount participating: _____</p> <p>Signature _____ Date _____</p> <p><u>Raymond Telles, Executive Director</u></p> <p>Name/Title</p>

RECOMMENDED FOR EXECUTION:

Name/Title	Date
APPROVAL	REQUEST APPROVAL

Name/Title	Date
APPROVAL	REQUEST APPROVAL

Name/Title	Date
APPROVAL	REQUEST APPROVAL

Name/Title	Date
APPROVAL	REQUEST APPROVAL

[Signature] *11-1-17*

Name/Title	Date
APPROVAL	REQUEST APPROVAL

Engineer's Seal:

Name/Title	Date
APPROVAL	REQUEST APPROVAL

Name/Title	Date
APPROVAL	REQUEST APPROVAL

Name/Title	Date
APPROVAL	REQUEST APPROVAL

Name/Title	Date
APPROVAL	REQUEST APPROVAL

CONSTRUCTION CONTRACT CHANGE ORDER NUMBER: 0029.00

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)

[illegible]

August 15, 2017

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



909 Texas Street
El Paso, TX 79901

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

RE: El Paso Streetcar Infrastructure Project

Subject: Change Proposal 066 – Flowable Backfill

Paso Del Norte Trackworks (PDNT) is submitting pricing for a flowable backfill item for use outside of CB IV. Currently only Base Bid 4 has a line item for flowable backfill (item BB4-13), however, due to the unforeseen conditions and redesigns there were several locations outside of CB IV that required the use of flowable backfill. See below location dates and locations of flowable backfill outside of CBD IV.

Date	CY	Location	Description
3/28/2016	10	Texas/Kansas	COEP caused waterline break - PDNT had to backfill under existing PCCP
8/16/2016	40	Wyoming/Stanton	Revised water plans called for slurry backfill in TxDOT ROW
8/17/2016	35	Wyoming/Stanton	Revised water plans called for slurry backfill in TxDOT ROW
8/19/2016	15	Wyoming/Stanton	Revised water plans called for slurry backfill in TxDOT ROW
8/30/2016	10	Stanton/Wyoming	Revised water plans called for slurry backfill in TxDOT ROW
8/31/2016	20	Stanton/Wyoming	Revised water plans called for slurry backfill in TxDOT ROW
9/7/2016	30	Father Rahm/El Paso	This was done to switch traffic and accelerate the schedule to make the November 2016 opening date of father rahm. Addition COEP would not allow for the intersection to be closed and due to the existing conditions of the soil PDNT slurry backfilled to ensure the safety of vehicle traffic along the trench.
9/12/2016	30	Father Rahm/El Paso	This was done to switch traffic and accelerate the schedule to make the November 2016 opening date of father rahm. Addition COEP would not allow for the intersection to be closed and due to the existing conditions of the soil PDNT slurry backfilled to ensure the safety of vehicle traffic along the trench.
9/30/2016	26	Wyoming/Oregon	Revised water plans called for slurry backfill in TxDOT ROW
10/3/2016	70	Oregon/Wyoming	Revised water plans called for slurry backfill in TxDOT ROW
10/31/2016	13	Father Rahm/Kansas	Backfilled an exploratory pothole for an OCS foundation with slurry
3/17/2017	10	Santa Fe/4th	While installing the SD on Santa Fe in front of the MSF several utility crossings and EPE vaults were encountered. There were several areas that would not allow convention backfill so slurry was utilized
3/20/2017	4	Texas/Kansas	NE intersection of Texas and Kansas fix broken SD, placed half a pvc pipe, and capped with slurry (Repair of SD due to conflict with OCS foundation - Repair directed by RMA)
3/23/2017	23	Santa Fe/4th	Revised plans raised the storm drain in the MSF due to its new depth slurry was required
3/28/2017	30	Santa Fe/4th	Revised plans raised the storm drain in the MSF due to its new depth slurry was required
5/25/2017	4	Santa FE/Paisano	Adjust the roof drains from the north side of the MSF to drain into inlet number 1. due to their shallow depth it required slurry
Total	370		



Paso Del Norte Trackworks is a joint venture between Granite Construction Company and RailWorks Track Systems, Inc.



909 Texas Street
El Paso, TX 79901

The flowable backfill operation is similar to the item 13 in base bid 4. PDNT is submitting pricing for the additional 370 CY of flowable backfill at the BB4-13 unit price.

Item No	Description	Quantity	UM	Unit Price	Total
BB4-13	Flowable Backfill	370	CY	\$ 105.00	\$ 38,850.00
					\$ 38,850.00

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