

**CITY OF EL PASO, TEXAS
AGENDA ITEM
DEPARTMENT HEAD'S SUMMARY FORM**

DEPARTMENT: Capital Improvement
AGENDA DATE: April 17, 2018
CONTACT PERSON/PHONE: Sam Rodriguez, P.E., City Engineer, (915) 212-1845
DISTRICT(S) AFFECTED: 3, 6, 7, and 8

STRATEGIC GOAL: No 7: Enhance and Sustain El Paso's Infrastructure Network

SUBJECT:

That the City Council authorizes the City Engineer to approve change orders for Contract No. 2016-913 for the Alameda Corridor RTS project with Martinez Bros. Contractors, LLC, in the amount not to exceed \$536,578.04 for the increase of the cost of work to rent truck-mounted attenuators to enhance construction safety & traffic control during construction; and that the City Manager is authorized to establish the funding sources and make any necessary budget transfers.

BACKGROUND / DISCUSSION:

The Alameda Rapid Corridor Transit System (RTS) project contains installation of traffic safety measures in performing any work within the city's Rights of Way (ROW) and TxDOT ROW. Recently TxDOT traffic safety requirements require that truck-mounted attenuator be provided when performing work within TxDOT's ROW. The Contract for this project did not include bid line item for this additional requirement which has resulted in the need for change order. The contractor and city have reached agreements in cost to provide this item. This work is expected to surpass the City Engineer's expenditure authority, thus CID is requesting authorization of up to \$536,578.04 for this work. This change order is needed to fulfill new TxDOT construction traffic safety requirements.

COUNCIL REPRESENTATIVE BRIEFING:

Was a briefing provided? Yes or Not Applicable (Routine)

If yes, select the applicable districts.

- District 1
- District 2
- District 3
- District 4
- District 5
- District 6
- District 7
- District 8
- All Districts

PRIOR COUNCIL ACTION:

DATE AWARDED BY COUNCIL – October 4, 2016 – City Council Awards Solicitation No. 2016-913 Martinez Bros. construction, LLC.

AMOUNT AND SOURCE OF FUNDING:

Total = \$38,984,000

\$3,484,000 – Transportation Certificate of Obligation 2009

\$35,500,000 – Transportation Certificate of Obligation 2011

BOARD / COMMISSION ACTION:

N/A

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

DEPARTMENT HEAD:

CITY OF EL PASO CONSTRUCTION CHANGE ORDER

CONSTRUCTION CHANGE ORDER NO.: 16 DATE: April 15, 2017 SCOPE CHANGE
 PROJECT: Alameda Corridor Bus Rapid transit System SOLICITATION # 2016-913 CONSTRUCTION CHANGE

Original Contract Amount: \$	11,153,207.50	Contract Time to Substantial Completion	464
Net Change by previous Change Orders: \$	780,562.67	Total days added due to Change Orders and CQN's	58
Net Change by previous Construction Quantity Notices:		Total days added for this Change Order	0
Amount of this Construction Change Order:	\$536,578.04	New Contract Time to Substantial Completion:	522
New Amended Contract Amount:	\$12,470,348.21	Current Substantial Completion Due Date	7/22/2018
Change Order Percentage:	11.81%		

CONTRACTOR NAME: Martinez Bros Contractors LLC Funding Source _____

Please provide a detailed scope of work of the change order (see back for reason/justification):

TxDOT representatives required that any construction work being done on State Highways must have TMA Truck (Traffic-Mounted Attenuator) in place, SH-20 Alameda Ave is a State Highway. The Reference Guide to the 2011 Texas Manual on Uniform Traffic Control Devices states that the TMA are to be optional. Being that Alameda is a State Highway TxDOT governs the requirements as to what safety requirements will placed on the State Highway, and their requirement was that a TMA shall be part of the traffic control. TxDOT traffic control standard drawings (71 to 74) show the TMAs and notes 9 to 11 indicate usage of TMAs, The traffic control construction drawings (31 to 70) from LAN the architects do not show TMAs in place nor mentions their use. There is no base bid item number that allow the contractor to provide a cost for their usage on this project. This project requires a maximum of 6 (six) TMA trucks be used on site at all times when required at a cost of \$373.75 per TMA truck per day. TMA trucks were used starting from July 13, 2017 to January 23, 2018. Total cost for this period is \$209,920.54. Total budget allocated is \$536,578.04 leaving a balance of \$326,675.50 for the remaining schedule time allocated for this project.

Contractor (MBC) must submit back-up information including the paid invoices when requesting reimbursement for the cost of the TMAs when submitting their monthly pay applications.

CALENDAR DAYS ADDED TO COMPLETION TIME: 0 TOTAL CHANGE ORDER AMOUNT: \$536,578.04

CONTRACTOR

I, Herberto Martinez, of Martinez Bros. Contractors agree and accept the terms and conditions of this change order.
 Signature: _____ Date: 3/15/18

CITY OF EL PASO (OWNER)

I, Sam Rodriguez of the City of El Paso hereby authorize and direct the Contractor to proceed with additional work as described in this form.

Signature: _____ Date: _____
 Sam Rodriguez, P.E. City Engineer

Michael Vonasek recommends approval.
 Michael Vonasek, P.E., Asst. Dir. of CID Const. & Dev.

**Contract Change Order Coversheet /Checklist
City of El Paso Capital Improvements Department**

Project Name: ALAMEDA CORRIDOR RAPID TANSIT SYSTEM Date Received: 2.23.2018
 Solicitation Number: 2016-913 Contractor MARTINEZ BROTHERS CONTRACTORS LLC
 Change Order Number: 16 Date CO was identified. 7.13.2017
 Funding Type: QOL ___ General Fund ___ TX DOT ___ CDBG ___ FTA ___ FAA ___
 Contingency: Original Budget \$11,153,207.50 Current Remaining Budget \$4,936,044.68 PO No.(s) CEP35 - 1700000124
 Identified by: DOR ___ Contractor X User Dept. X CID ___ Other ___ (identify : _____)
 Impacts: Cost: \$536,578.04 Time* 0 (Check all that Apply) * Identify Schedule activity impacted, attach frag-net justifying time.

No change order shall be approved unless work is ordered in writing by the Owner Designated Rep

If Written Order provided prior to formal execution of CO attach copy of the written directive, and justification, as why the direction was necessary prior to a formal agreement. Attach concurrence of representative having authority to execute change order(s) for the city of El Paso, Contract Specific by Resolution. If formal RFP was provided to contractor attach copy If E-mail was direction provided to contractor attach Copy

Change order Type Check One: Mandatory Discretionary ___ (Mandatory Violets Written code/standard, or will not function for intended purpose)

If mandatory attach justification, Direction from DOR and /or code/ standard references that the CO corrects, or Documentation from User Department Head explaining why the change is required.

Differing site condition	___	Engineering Change/Construction Deficiency	<input checked="" type="checkbox"/>
User requested Change **	___	Substitution Contractor initiated	___
Designer Directive (ASI)	___	Error and omission	___
Value Engineering Change	___	Quantity Adjustment	___

** Identify Funding source _____ Grant Funded Projects attach Concurrence of Grant Funded program Director

Justification: Recent direction from TxDOT requires that any construction work being done on State Highways must have TMA Truck (Traffic-Mounted Attenuator) in place; SH-20 Alameda Ave is a State Highway. Previously, the usage of TMA is optional. The traffic control construction drawings sheets (31 to 70) do not show TMAs in place nor mentions their use. There is no base bid item number that allow the contractor to provide a cost for their usage on this project. This change order will allow the contractor to provide TMA for the project.

Method Utilized for implementing change

[Reference general conditions 2.5.2] Check all that apply
 1 Unit Bid Prices Previously Approved ___ (attach Copy of supporting documents)
 2 An Agreed upon Lump Sum X (Attach record of Negotiations, and Cost Analysis)

Cost/Price/Time Analysis

Attach Copy of analyst justifying cost and quantities
 Contractors proposed cost: \$
 Final Negotiated amount: \$536,678.04 ✓

Actual Cost (Force Account Change) _____ (Attach Detailed record as per 2.2.5.2.3) Time: Requested 0, Justified _____

Independent Cost Estimate prepared Yes No (Validated, Vender Quotes, Published Data, Previously agreed Costs, Other (attach documentation of cost analysis))

Contract Change Reference: Reference Plan /Spec change, Describe Change (Attach additional sheets if necessary)

Narrative Description of Change SOW: A maximum of 6 (six) TMA trucks will be provided and be used on site at all times, when is needed, at a cost of \$373.75 per TMA truck per day for a total of \$536,578.04.

Contractor (MBC) must submit back-up information including the paid invoices when requesting reimbursement for the cost of the TMAs when submitting their monthly pay applications.

Existing Drawing Reference: Project traffic control construction drawings (sheet #31 to #70).

Existing Specification Reference: N/A

New Drawings/Specifications Reference: N/A

User Department Concurrence (if required): _____

Requested by Project /Construction Manager: _____

Recommended for Approval by City Engineer: _____

Michael J. Vonasek, P.E.
Assistant Director Construction

Print Name FRANK BENASIDIS

Print Name Alfredo Bocanegra

Date: 4/24/18

CHANGE REQUEST INITIATION



Change Request No. 16

Project: Alameda Corridor Rapid Transit System

Submitted By: Owner Contractor Owner's Representative Designer A/E

Submitter's Name: Carlos Reyes Date: 1/26/18

Submitter's Email: carlosr@martinezbros.com Phone: 915.731.0084

Contractor: Martinez Bros Constructors, LLC.

Project No.: Sol. No. 2016-913 Contract No.: _____ Contract Date: _____

Subject: Traffic Control price modification for TMA's

Change Request Reason: TxDOT Representatives required TMA's for Traffic Control.

Change Request Justification: Was not included in original bid form, TMA's are optional according to the Texas Manual on Uniform Traffic Control Devices.

Drawing Numbers: TxDOT Traffic control drawings from 9 to 11.

Specification Numbers: Traffic Control General Notes page 6, 7 & 8.

Description of Work to be done: Provide TMA's at TxDOT right-of-way operations

Cost Change: Yes No Describe: Contractor to provide a cost proposal

Time Change: Yes No Describe: No time impact

Submitted By: Fernando Sigala, MEng. Date: 3/8/2018

CHANGE REQUEST EVALUATION



Change Request No.: 20.1
 Possible Change Order No.: 16
 Contract Change Order No.: 16

Project: Alameda corridor Rapid Traffic System

Contractor: Martinez Bros. Contractors, LLC.

Project No.: Sol. No. 2016-913 Contract No.: _____ Contract Date: _____

Submitter's Name: Carlos Reyes Date: 10/9/2017

Submitter's Email: carlosr@martinezbros.com Phone: 915.731.0084

Subject: Traffic Control TMA change

Change Request Description and Time and Cost: Contractor required a price modification for Traffic Control requirements "TMA's". No time impacts. The total projected cost is \$536,578.04 (unit cost of \$373.75 per TMA/day). Based on the local market value Paragon determined that this cost is acceptable.

Change Type and Justifications: Scope. Recent direction from TxDOT, required that any construction work being done on State Highways must have a TMA truck (Traffic-Mounted Attenuator) in place, SH-20 Alameda Ave. is a State Highway. The Traffic Control Construction Drawings (Contract Documents) do not show TMA's in place nor mentions their use. There is no bid item number that allows the Contactor to provide a cost for their usage on this project.

Other Options Evaluated: None.

Impact if Change Denied: Contractor needs to comply with TxDOT Traffic Control requirements.

Construction Manager Recommendation: Approve Deny

By: Fernando Sigala, MEng. Date: 3/8/2018

February 21, 2017



Larry Aguilar
Senior Project Manager
Martinez Bros. Contractors, LLC.
5875 Cromo Dr, Suite 200
El Paso, TX 79912

Subject: Request for the TMA Trucks rental cost price, Alameda Corridor RTS, City of El Paso Contract No. 2016-913.

Dear Mr. Aguilar:

As directed by CID, please provide Paragon with the copy of the paid invoices for the rental of the TMA trucks.

Let us know if you have any questions

Thank you

Fernando Sigala, MEng.
Deputy Project Manager



MARTINEZ BROS. CONTRACTORS, LLC.

5875 Cromo, Suite 200
El Paso, TX 79912

Office: (915) 584-3900
Fax: (915) 584-3902
Web site: www.martinezbros.com

February 27, 2018

Paragon Project Resources, Inc.
8411 Lockheed Dr. Suite 7
El Paso, Texas 79925

Attention: Alberto Buhaya

Subject: Alameda RTS
Re: Proposal #28 - TMAs

Mr. Sigala,

This lump sum amount includes rental of TMA Trucks from July 13, 2017 to January 23, 2018

Subtotal Amount including Tax: \$182,539.60 ✓

15% OH&P: \$27,380.94 ✓

Total Amount Owed Including Tax: \$209,920.54 ✓ → 561.66 days at \$373.75

The price for the future rental of a TMA Truck (maximum of 6 trucks) will be: \$373.75

If we require more than 6 TMA Trucks the price will be: \$488.75. This is due to outsourcing with a different traffic control specialist.

Should you have any questions or need additional information please feel free to call me.

Thank You
Rene Gonzalez
Project Engineer

Original Rate - 1 day price was \$400.84
Actual Rate (11/15) \$339.17
New Rate - will be \$373.75

Truck Mounted Attenuator

Invoice Da	Service Dat	Invoice	Qual	Descr	Location	Duratio	Rate	Amount	Time		
7/13/2017	6/5/2017	100712 ✓	1	TMA	Alameda & Vocational	5 days	\$325.00	\$1,742.81	9:00 am-4:00 pm	✓	
7/13/2017	6/6/2017	100713 ✓	1	TMA	Alameda & Copia	4 days	\$325.00	\$1,394.25	9:00 am-4:00 pm	✓	
7/13/2017	6/12/2017	100714 ✓	1	TMA	Alameda & Davis	5 days	\$325.00	\$1,742.81	9:00 am-4:00 pm	✓	
7/13/2017	6/12/2017	100715 ✓	1	TMA	Alameda & Copia	5 days	\$325.00	\$1,742.81	9:00 am-4:00 pm	✓	
7/13/2017	6/12/2017	100716 ✓	1	TMA	Alameda & Vocational	5 days	\$325.00	\$1,742.81	9:00 am-4:00 pm	✓	
7/13/2017	6/19/2017	100717 ✓	1	TMA	Alameda & Copia	5 days	\$325.00	\$1,742.81	9:00 am-4:00 pm	✓	
7/13/2017	6/19/2017	100718 ✓	1	TMA	Alameda & Davis	5 days	\$325.00	\$1,742.81	9:00 am-4:00 pm	✓	
7/13/2017	6/19/2017	100719 ✓	1	TMA	Texas & Eucaliptus	5 days	\$325.00	\$1,742.81	9:00 am-4:00 pm	✓	
7/13/2017	6/19/2017	100720 ✓	1	TMA	Alameda & Vocational	5 days	\$325.00	\$1,742.81	9:00 am-4:00 pm	✓	
7/13/2017	6/26/2017	100721 ✓	1	TMA	Alameda & Vocational	5 days	\$325.00	\$1,742.81	9:00 am-4:00 pm	✓	
7/13/2017	6/26/2017	100722 ✓	1	TMA	Texas & Eucaliptus	5 days	\$325.00	\$1,742.81	9:00 am-4:00 pm	✓	
7/13/2017	6/26/2017	100723 ✓	1	TMA	Alameda & Copia	5 days	\$325.00	\$1,742.81	9:00 am-4:00 pm	✓	
7/13/2017	6/26/2017	100724 ✓	1	TMA	Alameda & Davis	5 days	\$325.00	\$1,742.81	9:00 am-4:00 pm	✓	
7/19/2017	7/10/2017	100747 ✓	4	TMA	Alameda,Texas &Doniphan	1 day	\$325.00	\$1,394.25	9:00 am-4:00 pm	✓	
7/19/2017	7/11/2017	100748 ✓	4	TMA	Alameda,Texas &Doniphan	1 dya	\$325.00	\$1,394.25	9:00 am-4:00 pm	✓	
7/19/2017	7/12/2017	100749 ✓	5	TMA	Alameda & Doniphan	1 day	\$325.00	\$1,742.81	9:00 am-4:00 pm	✓	
7/19/2017	7/13/2017	100750 ✓	4	TMA	Alameda & Doniphan	1 day	\$325.00	\$1,394.25	9:00 am-4:00 pm	✓	
7/19/2017	7/14/2017	100751 ✓	4	TMA	Alameda & Doniphan	1 day	\$325.00	\$1,394.25	9:00 am-4:00 pm	✓	
7/26/2017	7/17/2017	100755 ✓	3	TMA	Alameda, Raynolds, Davis and Per	1 day	\$325.00	\$1,045.69	9:00 am-4:00 pm	✓	
7/26/2017	7/18/2017	100756 ✓	3	TMA	Alameda	1 day	\$325.00	\$1,045.69	9:00 am-4:00 pm	✓	
7/26/2017	7/19/2017	100757 ✓	3	TMA	Alameda	1 day	\$325.00	\$1,045.69	9:00 am-4:00 pm	✓	
7/26/2017	7/20/2017	100758 ✓	3	TMA	Alameda	1 day	\$325.00	\$1,045.69	9:00 am-4:00 pm	✓	
Jul-17	7/26/2017	7/21/2017	100759 ✓	3	TMA	Alameda	1 day	\$325.00	\$1,045.69	9:00 am-4:00 pm	✓
	8/3/2017	7/24/2017	100792 ✓	3	TMA	Alameda	1 day	\$325.00	\$1,045.69	9:00 am-4:00 pm	✓
	8/3/2017	7/25/2017	100793 ✓	3	TMA	Alameda	1 day	\$325.00	\$1,045.69	9:00 am-4:00 pm	✓
	8/3/2017	7/26/2017	100794 ✓	3	TMA	Alameda	1 day	\$325.00	\$1,045.69	9:00 am-4:00 pm	✓
	8/3/2017	7/27/2017	100795 ✓	3	TMA	Alameda	1 day	\$325.00	\$1,045.69	9:00 am-4:00 pm	✓
	8/3/2017	7/28/2017	100796 ✓	3	TMA	Alameda	1 day	\$325.00	\$1,045.69	9:00 am-4:00 pm	✓
	8/3/2017	7/30/2017	100797 ✓	1	TMA	Alameda	1 day	\$325.00	\$348.56	9:00 am-4:00 pm	✓
	8/16/2017	7/31/2017	100845 ✓	5	TMA	Alameda,Davis,Pendall,Vocational	1 day	\$325.00	\$1,742.81	9:00 am-4:00 pm	✓
	8/16/2017	8/1/2017	100846 ✓	4	TMA	Alameda,Davis, Pendell, Raynor	1 day	\$325.00	\$1,394.25	9:00 am-4:00 pm	✓
	8/16/2017	8/2/2017	100847 ✓	4	TMA	Alameda,Davis, Pendell, Raynor	1 day	\$325.00	\$1,394.25	9:00 am-4:00 pm	✓

+44,964.55

	8/16/2017	8/3/2017	100848 ✓	4 TMA	Alameda,Vocational, David, Pendi	1 day	\$325.00	\$1,394.25 ✓	9:00 am-4:00 pm
	8/16/2017	8/4/2017	100849 ✓	4 TMA	Alameda,Vocational, David, Pendi	1 day	\$325.00	\$1,394.25 ✓	9:00 am-4:00 pm
	8/22/2017	8/15/2017	100858 ✓	1 TMA	Alameda & Raynolds	1 day	\$325.00	\$348.56 ✓	9:00 am-4:00 pm
	8/22/2017	8/14/2017	100859 ✓	1 TMA	Alameda & Raynor	5 days	\$325.00	\$1,742.81 ✓	9:00 am-4:00 pm
	8/22/2017	8/14/2017	100860 ✓	1 TMA	Alameda & Pendell	5 days	\$325.00	\$1,742.81 ✓	9:00 am-4:00 pm
Aug-17	8/22/2017	8/14/2017	100861 ✓	1 TMA	Alameda & Davis	5 days	\$325.00	\$1,742.81 ✓	9:00 am-4:00 pm
	9/6/2017	8/21/2017	100871 ✓	1 TMA	Alameda & Raynor	5 days	\$325.00	\$1,742.81 ✓	9:00 am-4:00 pm
	9/6/2017	8/21/2017	100872 ✓	1 TMA	Alameda & Davis	5 days	\$325.00	\$1,742.81 ✓	9:00 am-4:00 pm
	9/6/2017	8/21/2017	100873 ✓	1 TMA	Alameda & Pendell	5 days	\$325.00	\$1,742.81 ✓	9:00 am-4:00 pm
	9/6/2017	8/25/2017	100874 ✓	2 TMA	Alameda & Davis	1 day	\$325.00	\$697.13 ✓	9:00 am-4:00 pm
	9/6/2017	8/24/2017	100880 ✓	1 TMA	Alameda & Vocational	2 days	\$325.00	\$697.13 ✓	9:00 am-4:00 pm
	9/6/2017	8/28/2017	100881 ✓	2 TMA	Alameda & Flicker	5 days	\$325.00	\$3,485.63 ✓	9:00 am-4:00 pm
	9/6/2017	8/28/2017	100882 ✓	1 TMA	Alameda & Pendell	5 days	\$325.00	\$1,742.81 ✓	9:00 am-4:00 pm
	9/6/2017	8/28/2017	100883 ✓	1 TMA	Alameda,Davis,Pendall,Vocational	5 days	\$325.00	\$1,742.81 ✓	9:00 am-4:00 pm
	9/6/2017	8/28/2017	100884 ✓	1 TMA	Alameda & Vocational	5 days	\$325.00	\$1,742.81 ✓	9:00 am-4:00 pm
	9/14/2017	9/5/2017	100906 ✓	1 TMA	Alameda & Vocational	4 days	\$325.00	\$1,394.25 ✓	9:00 am-4:00 pm
	9/14/2017	9/5/2017	100907 ✓	1 TMA	Alameda & PEndell	4 days	\$325.00	\$1,394.25 ✓	9:00 am-4:00 pm
	9/14/2017	9/5/2017	100908 ✓	2 TMA	Alameda & Flicker	4 days	\$325.00	\$2,788.50 ✓	9:00 am-4:00 pm
	9/14/2017	9/5/2017	100909 ✓	1 TMA	Alameda & Raynor	4 days	\$325.00	\$1,394.25 ✓	9:00 am-4:00 pm
	9/19/2017	9/11/2017	100921 ✓	1 TMA	Alameda & Davis	5 days	\$325.00	\$1,742.81 ✓	9:00 am-4:00 pm
	9/19/2017	9/11/2017	100922 ✓	1 TMA	Alameda & Pendell	5 days	\$325.00	\$1,742.81 ✓	9:00 am-4:00 pm
Sep-17	9/19/2017	9/11/2017	100923 ✓	2 TMA	Alameda & Flicker	5 days	\$325.00	\$3,485.63 ✓	9:00 am-4:00 pm
	10/5/2017	9/25/2017	100935 ✓	1 TMA	Alameda & Copia	5 days	\$325.00	\$1,742.81 ✓	9:00 am-4:00 pm
	10/5/2017	9/25/2017	100936 ✓	2 TMA	Alameda & Flicker	5 days	\$325.00	\$3,485.63 ✓	9:00 am-4:00 pm
	10/5/2017	9/25/2017	100937 ✓	1 TMA	Alameda & Davis	5 days	\$325.00	\$1,742.81 ✓	9:00 am-4:00 pm
	10/5/2017	9/25/2017	100938 ✓	1 TMA	Alameda & Carolina	5 days	\$325.00	\$1,742.81 ✓	9:00 am-4:00 pm
	10/17/2017	9/21/2017	100959 ✓	1 TMA	Alameda & Copia	2 days	\$325.00	\$697.13 ✓	9:00 am-4:00 pm
	10/17/2017	9/18/2017	100960 ✓	1 TMA	Alameda & Raynor	5 days	\$325.00	\$1,742.81 ✓	9:00 am-4:00 pm
	10/17/2017	9/18/2017	100961 ✓	1 TMA	Alameda & Davis	5 days	\$325.00	\$1,742.81 ✓	9:00 am-4:00 pm
	10/17/2017	9/18/2017	100962 ✓	2 TMA	Alameda & Flicker	5 days	\$325.00	\$3,485.63 ✓	9:00 am-4:00 pm
	10/17/2017	10/9/2017	100963 ✓	1 TMA	Alameda & Carolina OB	4 days	\$275.00	\$1,394.25 ✓	9:00 am-4:00 pm
	10/17/2017	10/2/2017	100964 ✓	1 TMA	Alameda & Davis IB	5 days	\$325.00	\$1,742.81 ✓	9:00 am-4:00 pm
	10/17/2017	10/2/2017	100965 ✓	1 TMA	Alameda & Copia	5 days	\$325.00	\$1,742.81 ✓	9:00 am-4:00 pm
	10/17/2017	10/2/2017	100966 ✓	2 TMA	Alameda & Flicker IB	5 days	\$325.00	\$3,485.63 ✓	9:00 am-4:00 pm

OK

\$62,392.68

	10/17/2017	10/2/2017	100967 ✓	1 TMA	Alameda & Carolina OB	5 days	\$325.00	\$1,742.81 9:00 am-4:00 pm
	10/17/2017	10/9/2017	100968 ✓	1 TMA	Alameda & Copia OB	5 days	\$275.00	\$1,474.69 9:00 am-4:00 pm
	10/17/2017	10/9/2017	100969 ✓	1 TMA	Alameda & Davis IB	5 days	\$275.00	\$1,474.69 9:00 am-4:00 pm
	10/17/2017	10/9/2017	100970 ✓	1 TMA	Alameda & Flicker IB	5 days	\$275.00	\$1,474.69 9:00 am-4:00 pm
	10/26/2017	10/16/2017	100983 ✓	1 TMA	Alameda & Copia OB	5 days	\$275.00	\$1,474.69 9:00 am-4:00 pm
	10/26/2017	10/16/2017	100984 ✓	1 TMA	Alameda & Davis IB	5 days	\$275.00	\$1,474.69 9:00 am-4:00 pm
	10/26/2017	10/16/2017	100985 ✓	2 TMA	Alameda & Flicker IB	2 days	\$275.00	\$1,179.75 9:00 am-4:00 pm
	10/26/2017	10/18/2017	100986 ✓	1 TMA	Alameda & Flicker IB	3 days	\$275.00	\$884.81 9:00 am-4:00 pm
Oct-17	10/26/2017	10/18/2017	100987 ✓	1 TMA	Alameda & Yarbrough IB	3 days	\$275.00	\$884.81 9:00 am-4:00 pm
	11/1/2017	10/23/2017	100996 ✓	1 TMA	Alameda & Carolina	5 days	\$275.00	\$1,474.69 9:00 am-4:00 pm
	11/1/2017	10/23/2017	100997 ✓	1 TMA	Alameda & Yarbrough IB	5 days	\$275.00	\$1,474.69 9:00 am-4:00 pm
	11/1/2017	10/23/2017	100998 ✓	1 TMA	Alameda & Davis IB	4 days	\$275.00	\$1,179.75 9:00 am-4:00 pm
	11/1/2017	10/23/2017	100999 ✓	1 TMA	Alameda & Copia OB	5 days	\$275.00	\$1,474.69 9:00 am-4:00 pm
	11/1/2017	10/30/2017	101002 ✓	1 TMA	Alameda & Yarbrough IB	5 days	\$275.00	\$1,474.69 9:00 am-4:00 pm
	11/1/2017	10/30/2017	101003 ✓	1 TMA	Alameda & Copia OB	5 days	\$275.00	\$1,474.69 9:00 am-4:00 pm
	11/1/2017	10/30/2017	101004 ✓	1 TMA	Alameda & Carolina OB	5 days	\$275.00	\$1,474.69 9:00 am-4:00 pm
	11/9/2017	10/30/2017	101005 ✓	1 TMA	Alameda & Davis IB	4 days	\$275.00	\$1,179.75 9:00 am-4:00 pm
	11/9/2017	11/3/2017	101006 ✓	1 TMA	Alameda & Flicker OB	1 day	\$275.00	\$294.94 9:00 am-4:00 pm
	11/30/2017	11/20/2017	101034 ✓	2 TMA	Alameda & Flicker OB	3 days	\$275.00	\$2,654.44 9:00 am-4:00 pm
	11/30/2017	11/21/2017	101035 ✓	2 TMA	Alameda & Davis IB	2 days	\$275.00	\$589.88 9:00 am-4:00 pm
	11/30/2017	11/20/2017	101036 ✓	1 TMA	Alameda & Yarbrough IB	3 days	\$275.00	\$884.81 9:00 am-4:00 pm
	11/30/2017	11/20/2017	101037 ✓	1 TMA	Alameda & Carolina	1 day	\$275.00	\$294.94 9:00 am-4:00 pm
	11/30/2017	11/13/2017	101038 ✓	1 TMA	Alameda & Carolina	2 days	\$275.00	\$589.88 9:00 am-4:00 pm
	11/30/2017	11/13/2017	101039 ✓	1 TMA	Alameda & Vocational OB	5 days	\$275.00	\$1,474.69 9:00 am-4:00 pm
	11/30/2017	11/13/2017	101040 ✓	1 TMA	Alameda & Flicker OB	5 days	\$275.00	\$1,474.69 9:00 am-4:00 pm
	11/30/2017	11/13/2017	101041 ✓	1 TMA	Alameda & Yarbrough IB	5 days	\$275.00	\$1,474.69 9:00 am-4:00 pm
	11/30/2017	11/6/2017	101042 ✓	1 TMA	Alameda & Flicker OB	5 days	\$275.00	\$1,474.69 9:00 am-4:00 pm
	11/30/2017	11/6/2017	101043 ✓	1 TMA	Alameda & Yarbrough IB	5 days	\$275.00	\$1,474.69 9:00 am-4:00 pm
	11/30/2017	11/6/2017	101044 ✓	1 TMA	Alameda & Carolina OB	5 days	\$275.00	\$1,474.69 9:00 am-4:00 pm
Nov-17	11/30/2017	11/6/2017	101045 ✓	1 TMA	Alameda & Vocational OB	5 days	\$275.00	\$1,474.69 9:00 am-4:00 pm
	12/6/2017	11/27/2017	101071 ✓	2 TMA	Alameda & Flicker OB	5 days	\$275.00	\$2,949.38 9:00 am-4:00 pm
	12/6/2017	11/27/2017	101072 ✓	1 TMA	Alameda & Yarbrough IB	5 days	\$275.00	\$1,474.69 9:00 am-4:00 pm
	12/6/2017	11/27/2017	101073 ✓	1 TMA	Alameda & George IB	5 days	\$275.00	\$1,474.69 9:00 am-4:00 pm
	12/6/2017	11/28/2017	101074 ✓	1 TMA	Alameda & Carolina OB	4 days	\$275.00	\$1,179.75 9:00 am-4:00 pm

Rate Change
from \$325
to 275 + tax

\$45,983.50

	12/6/2017	11/27/2017	101075 ✓	1 TMA	Alameda & Davis IB	1 day	\$275.00	\$294.94 9:00 am-4:00 pm
	12/13/2017	12/5/2017	101090 ✓	1 TMA	Alameda & Carolina IB	1 day	\$275.00	\$294.94 9:00 am-4:00 pm
	12/13/2017	12/4/2017	101091 ✓	2 TMA	Alameda & Flicker OB	2 days	\$275.00	\$1,179.75 9:00 am-4:00 pm
	12/13/2017	12/4/2017	101092 ✓	1 TMA	Alameda & Yarbrough IB	2 days	\$275.00	\$589.88 9:00 am-4:00 pm
	12/13/2017	12/4/2017	101093 ✓	1 TMA	Alameda & Carolina IB	3 days	\$275.00	\$589.88 9:00 am-4:00 pm
	12/13/2017	12/4/2017	101094 ✓	1 TMA	Alameda & George Dr	2 days	\$275.00	\$589.88 9:00 am-4:00 pm
	12/13/2017	12/8/2017	101095 ✓	1 TMA	Alameda & Flicker OB	4 days	\$275.00	\$589.88 9:00 am-4:00 pm
	12/13/2017	12/8/2017	101096 ✓	1 TMA	Alameda & George IB	1 day	\$275.00	\$294.94 9:00 am-4:00 pm
	12/21/2017	12/11/2017	101110 ✓	2 TMA	Alameda & Flicker OB	5 days	\$275.00	\$2,949.38 9:00 am-4:00 pm
	12/21/2017	12/11/2017	101111 ✓	1 TMA	Alameda & George IB	5 days	\$275.00	\$1,474.69 9:00 am-4:00 pm
	12/21/2017	12/11/2017	101112 ✓	1 TMA	Alameda & Vocational IB	5 days	\$275.00	\$1,474.69 9:00 am-4:00 pm
Dec-17	12/21/2017	12/11/2017	101113 ✓	1 TMA	Alameda & Carolina OB	5 days	\$275.00	\$1,474.69 9:00 am-4:00 pm
	1/18/2018	1/3/2018	101142 ✓	2 TMA	Alameda & Flicker OB	3 days	\$275.00	\$1,769.63 9:00 am-4:00 pm
	1/18/2018	1/3/2018	101143 ✓	1 TMA	Alameda & Yarbrough OB	3 days	\$275.00	\$884.81 9:00 am-4:00 pm
	1/18/2018	1/3/2018	101144 ✓	1 TMA	Alameda & George IB	3 days	\$275.00	\$884.81 9:00 am-4:00 pm
	1/18/2018	12/17/2017	101145 ✓	2 TMA	Alameda & Flicker OB	3 days	\$275.00	\$1,769.63 9:00 am-4:00 pm
	1/18/2018	12/27/2017	101146 ✓	1 TMA	Alameda & George IB	3 days	\$275.00	\$884.81 9:00 am-4:00 pm
	1/18/2018	12/27/1971	101147 ✓	1 TMA	Alameda & Carolina OB	3 days	\$275.00	\$884.81 9:00 am-4:00 pm
	1/18/2018	1/8/2018	101148 ✓	2 TMA	Alameda & Flicker OB	5 days	\$275.00	\$2,949.38 9:00 am-4:00 pm
	1/18/2018	1/10/2018	101149 ✓	1 TMA	Alameda & George IB	3 days	\$275.00	\$884.81 9:00 am-4:00 pm
	1/18/2018	1/12/2018	101150 ✓	1 TMA	Alameda & Vocational IB	1 day	\$275.00	\$294.94 9:00 am-4:00 pm
	1/18/2018	1/12/2018	101151 ✓	1 TMA	Alameda & Carolina	1 day	\$275.00	\$294.94 9:00 am-4:00 pm
	1/23/2018	1/15/2018	101155 ✓	1 TMA	Alameda & George	4 days	\$275.00	\$1,179.75 9:00 am-4:00 pm
	1/23/2018	1/15/2018	101156 ✓	1 TMA	Alameda & Carolina IB	4 days	\$275.00	\$1,179.75 9:00 am-4:00 pm
	1/23/2018	1/15/2018	101157 ✓	1 TMA	Alameda & Vocational IB	5 days	\$275.00	\$1,474.69 9:00 am-4:00 pm
	1/23/2018	1/15/2018	101158 ✓	1 TMA	Alameda & Yarbrough	5 days	\$275.00	\$1,474.69 9:00 am-4:00 pm
Jan-18	1/23/2018	1/19/2018	101159 ✓	2 TMA	Alameda & Flicker OB	1 day	\$275.00	\$589.88 9:00 am-4:00 pm

\$ 29,199.37

TOTAL:

\$182,539.60 ✓

OK

① 44,964.55

② 62,392.68

③ 45,983.50

④ 29,199.37

\$182,540.10

ALAMEDA CORRIDOR RAPID TRANSIT SYSTEM

City of El Paso Solicitation No. 2016-913

March 8, 2018



TMA's Change Order

#	Month	Work Days	# of Trucks	Price Rate	Total
1	January	7.0	6.0	\$ 373.75	\$ 15,697.50
2	February	20.0	6.0	\$ 373.75	\$ 44,850.00
3	March	22.0	5.0	\$ 373.75	\$ 41,112.50
4	April	21.0	5.0	\$ 373.75	\$ 39,243.75
5	May	22.0	5.0	\$ 373.75	\$ 41,112.50
6	June	21.0	5.0	\$ 373.75	\$ 39,243.75
7	July	22.0	5.0	\$ 373.75	\$ 41,112.50
8	August	23.0	4.0	\$ 373.75	\$ 34,385.00
9	September	20.0	4.0	\$ 373.75	\$ 29,900.00
Projection until completion					\$ 326,657.50
Previous Invoices (7/13/17 to 1/23/18)					\$ 209,920.54
CO Recommended Total					\$ 536,578.04

\$ 373.75 rate x 874.0 days = \$ 326,657.50
 \$ 373.75 rate x 561.66 days = \$ 209,920.54
 \$ 373.75 rate x 1435.66 days = \$ 536,578.04



Alameda Rapid Transit System

Solicitation No. 2016-913

Strategic Plan Goal:

7) Enhance and Sustain El Paso's Infrastructure Network



Alameda RTS

Project Overview

Districts	3, 6, 7, and 8
Approved Budget	\$38.9M
Source(s) of Funding	2009 & 2011 Transportation Certificate of Obligations
Completion of Design	March 2016
Construction Let Date	August 2016
Begin Construction	February 2017
Open to the Public	Winter 2018



Background

Truck-Mounted Attenuator Truck Rental. Recent direction from TxDOT requires that any construction work being done on State Highways must have a TMA truck (Traffic-Mounted Attenuator) in place, SH-20 Alameda Ave. is a State Highway. The Traffic Control Construction Drawings (Contract Documents) do not show TMA's in place or mention their use. There is no bid item number that allows the contractor to provide TMA's on this project.

This is a "unit price" contract.



Change Order

Truck-Mounted Attenuator Truck Rental.....Total \$536,578.04

These change orders represents 4.8% of the value of the contract and is within the project budget.

Time line impact is being negotiated.



Alameda RTS

Questions/Comments