

CAMINO REAL REGIONAL MOBILITY AUTHORITY BOARD RESOLUTION

WHEREAS, the Camino Real Regional Mobility Authority (CRRMA) entered into a construction contract dated November 23, 2016 (Contract) with CMD Endeavors, Inc. (Contractor) for the construction of the Mission Ridge Blvd. Project (Project);

WHEREAS, the Contractor is currently constructing the Project and encountered a plan error that inadvertently omitted the requirement for the provision and installation of a traffic signal controller; and

WHEREAS, the referenced traffic signal controller is required for the Project and the parties therefore desire to execute Change Order No. 5 to the Contract, for the provision and installation of such traffic signal controller;

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

THAT the Executive Director be authorized to execute Change Order No. 5 with CMD Endeavors, Inc., to add a traffic signal controller to the Mission Ridge Blvd. Project.

PASSED AND APPROVED THIS 8TH DAY OF JUNE, 2016.

**CAMINO REAL REGIONAL
MOBILITY AUTHORITY**

Susan A. Melendez, Chair

ATTEST:

Joe R. Fernandez, Board Secretary

APPROVED AS TO CONTENT:

Raymond L. Telles
Executive Director

CONSTRUCTION CONTRACT CHANGE ORDER NUMBER

5

1. CONTRACTOR: CMD Endeavors, Inc.2. Change Order Work Limits: Sta. 54+00 to Sta. 54+463. Type of Change (on federal-aid non-exempt projects): N/A (Major/Minor) Minor

4. Describe the change and the reason for the change order. When necessary, include exceptions to this agreement.

This change order # 5 is to reimburse the contractor for minor work to furnish and install a Traffic Signal Controller at the intersection of Mission and Pellicano Drive, which was left out of the contract. This Change Order will affect pedestrian elements.

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

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

CCSJ: 0924-06-502
 Project: CC 0924 06 502
 Highway: Mission Ridge Blvd
 County: El Paso
 District: N/A
 Ridge Blvd
 Contract
 Number: N/A

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 Item 4 and the Contract. Exceptions should be noted in the response for #5 above.

The following information must be provided

Time Ext. #: 2 10 Days added on this _____Amt. added by this change order: \$32,000.00

THE CONTRACTOR

Date 6/1/16

By

Typed/Printed Name CHARLES DIETRICHTyped/Printed Title DIRECTOR

CAMINO REAL REGIONAL MOBILITY AUTHORITY

Executed for and approved by the Camino Real Regional Mobility Authority for the purpose and effect of activating and/or carrying out the orders, established policies or work programs heretofore approved and authorized by the Texas Transportation Commission.

Signature

Date

Typed/Printed Name and Title

LIST OF ATTACHMENTS

Attachment A Scope of Work and Technical Requirements
 Form A Pricing Forms
 Spreadsheet Average statewide item prices

CCSJ 0924-06-502

Paid by Invoice? (☐ Yes ☐ No

Paid by invoice? (☐ Yes ☐ No[illegible]

TABLE B: Contract Items

[illegible]

CAMINO REAL REGIONAL MOBILITY AUTHORITY

CONSTRUCTION CONTRACT CHANGE ORDER NUMBER 5

Third Party Funding Notification Sheet

This form is used when the subject change order involves funding by a source other than CRRMA, and involves third parties who are providing funding under an Advance Funding Agreement or Donation Agreement.

1. Outside funding provided by:

El Paso County
(Outside Entity's Legal Name)

2. Type of outside funding agreement for this change:

☐ Existing ☐ Amended ☐ New
[Check one]

3. Indicate the type and amount of funding:

☐ Fixed Price (Lump Sum) (Estimated Amount: \$32,000.00)

☐ Actual Cost

(a) Contract Items (Bid Items):

TOTAL \$32,000.00

CCSJ 0924-06-502

Project: Mission Ridge Blvd

Highway: Arterial 1

County: El Paso

District: N/A

Contract
Number:

Use as needed:

I hereby acknowledge notification of the modifications covered by this Change Order

Date

By

Typed/Printed Name

Typed/Printed Title

* The percentage (%) for E&C (Engineering and Contingencies) charges varies from project to project depending on the contract amount of the project. Projects with a higher contract amount will have a lower rate of E&C charge. For a specific project, E&C rate (%) can be derived from the cost of "Engineering and Contingencies" in the "Estimated Cost" of the project.

** Use the statewide district rate as established by Finance Division each year. This line 3 (c) is for Service Project only, unless otherwise specified in the Advance Funding Agreement. See Stand Alone Manual Notice 98-2 for instructions.

Funding for this Change Order has been arranged:

PD Adauto 6-2-14
Representative Date
Typed/Printed Name: Patricia D. Adauto

Contact/Help



CMD Endeavors, Inc.
1510 N. Zaragoza, Ste. B1
El Paso, Texas 79936
Bus: (915) 581-5900
Fax: (915) 975-8352

May 31, 2016

County of El Paso
C/O Joseph W. Hudy
Atkins North America, Inc.
404 Executive Center Blvd
El Paso, Texas 79902

**RE: Mission Ridge Boulevard Drainage & Street Improvements
Change Order #5 (R1) Traffic Signal Controller Cost Proposal Requested**

Dear Mr. Hudy,

CMD Endeavors, Inc. is pleased to provide our cost proposal for the installation of a Highway Traffic Signal Controller System, Model NEMA TS2 & P44 Cabinet Assembly as part of the Mission Ridge Blvd Project. As described in the Owner's email request dated May 9, 2016 the Prime Contractor's Subcontractor (TSE) is to supply the Traffic Signal Controller, Cabinet Assembly, and Concrete Foundation to Perform Installation. An email update was provided on May 17, 2016 clarifying the NEMA TS2 as the most acceptable model for installation per the County of El Paso. CMD will provide labor, equipment, and site survey to support subcontractors operation. Please find below and attached detailed breakdown for this work.

Proposal for the Installation of a Traffic Signal Controller:	1-LS	\$32,000.00
Contract Time Requested:		10-Days

We offer this proposal in its entirety, if a change in scope of work is required CMD Endeavor, Inc. will price accordingly. Please review our proposal and should you have any questions or comments, please feel free to contact our office at 915-581-5900. Our proposal is good for fifteen days, however, time is of the essence. The lead time for these materials is significant and will require resubmittal approval.

Please let us know if you have any questions regarding this information.

Respectfully,
CMD ENDEAVORS, INC.

A handwritten signature in black ink, appearing to read "C. Dietrich", is written over a horizontal line.

Christopher Dietrich
Director of Operations

**TEXAS DEPARTMENT OF TRANSPORTATION
DEPARTMENTAL SPECIFICATION
TO-4048
FULL-ACTUATED SOLID STATE CONTROLLER UNIT (TS-2)
WITH DIAMOND, TBC, PREEMPT, AND CLOSED LOOP OPERATION; AND
BASE-MOUNTED TS-2 CABINET ASSEMBLY**

1.0 SCOPE

- 1.1 This specification sets forth the minimum requirements for a shelf-mounted 16 phase full-actuated solid state controller unit with internal Time-Based Coordination (TBC), railroad/fire (emergency vehicle) preemption, diamond intersection operation, and closed loop secondary operation in a traffic signal controller assembly and cabinet assembly.
- 1.2 Appendix A identifies the equipment type and options available in this specification. Equipment supplied shall be according to the selections made in Appendix A.

2.0 CONTROLLER UNIT

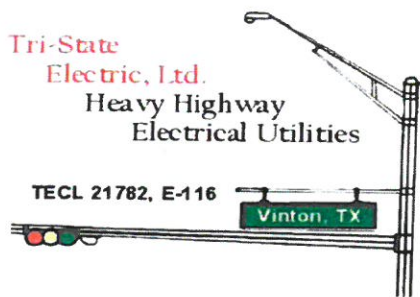
- 2.1 The controller unit shall meet the requirements of NEMA Standards Publication TS-2 2003 V2.06 or latest revision. The controller/cabinet unit shall meet all current AASHTO and ANSI standards applicable to the industry. The controller/cabinet unit shall comply with all current and applicable National Transportation Communications for ITS Protocol (NTCIP) standards. The controller/cabinet unit shall comply with all the criteria of this specification. Where a difference occurs between this specification (TO-4048) and another specification or standard the requirements of this specification (TO-4048) shall govern. The purchase document shall identify either a TS-2 Type 1 interface or TS-2 Type 2 interface. The cabinets for TS-2 Type 1 controllers are specified in this document. TS-2 Type 2 controller cabinets shall use a cabinet specification identified in the solicitation document.
- 2.2 Each controller unit shall have a unique serial number that is permanently and neatly displayed on the face of the unit. If this serial number is not on the face of the unit, then an additional temporary label that is neatly printed or typed shall be affixed to the controller unit face.
- 2.3 **Hardware Design Requirements - NEMA Controller**
 - 2.3.1 The controller unit shall be completely solid state and digitally timed. All timing shall be referenced to the 60 Hz power line.
 - 2.3.2 The dimensions of the controller unit shall not exceed 305 mm high, 440 mm wide, and 305 mm deep.

CHANGE ORDER #5 - TRAFFIC SIGNAL CONTROLLER (R1)		
Tri-State Electric	1-LS	\$28,500.00
CMD Crew Labor Support	1-LS	\$772.20
CMD Crew Equipment Support	1-LS	\$1,117.80
Subtotal		\$30,390.00
TxDot Allowed Markup on Labor	25%	\$193.05
TxDot Allowed Markup on Equipment	15%	\$167.67
TxDot Allowed Markup on Material	25%	\$0.00
TxDot Allowed Markup on Subs	5%	\$1,425.00
TxDot Allowed Markup on Overhead	0%	\$0.00
TxDot Allowed Markup on Insurance	55%	\$424.71
TxDot Allowed Markup on Bonds	1%	\$326.00
Sub-Total Before Tax		\$32,926.43
Applicable Taxes	0.00%	\$0.00
Overall Discount Applied	1-LS	(\$926.43)
TOTAL CHANGE ORDER #5 INCREASE	1-LS	\$32,000.00
CONTRACT TIME REQUESTED		10-DAYS

EXCLUSIONS:

City Permits
 County Permits
 Permit Fees
 Easements
 Public Flyers
 Temporary Fencing
 Utility Relocation
 Landscaping
 Engineering
 Survey

	680 2001	INSTALL HWY TRF SIG (FLASH BEACON)	EA			4.000	6,020.00000	1
	680 2002	INSTALL HWY TRF SIG (ISOLATED)	EA			6.000	18,878.58667	4
✕	680 2003	INSTALL HWY TRF SIG (SYSTEM)	EA			18.000	37,508.37000	2
—	680 6001	INSTALL HWY TRF SIG (FLASH BEACON)	EA	2.000	3,470.00000	84.000	3,348.29095	30
—	680 6002	INSTALL HWY TRF SIG (ISOLATED)	EA	9.000	19,083.33333	180.000	17,980.42578	72
✕	680 6003	INSTALL HWY TRF SIG (SYSTEM)	EA			85.000	19,109.12682	25
	680 6004	REMOVING TRAFFIC SIGNALS	EA	4.000	2,155.00000	225.000	4,459.72831	78
	680 6005	INS HY TRF SIG (DPT SUP CNT & CAB) (ISO)	EA	14.000	5,000.00000	23.000	8,008.19043	6
	680 6006	INS HY TRF SIG (DPT SUP CNT & CAB) (FLA)	EA	1.000	1,000.00000	1.000	1,000.00000	1



530 Valley Chile Road • Vinton, Texas 79821
Phone (915) 755-8803 • Fax (915) 755-7276

Project: Furnish & Install NEMA TS2 Traffic Signal Controller
Location: Pellicano Drive at Mission Ridge Blvd
Quoted To: CMD Endeavors, Inc.
Attention: Mr. Chris Dietrich
1510 N. Zaragoza Rd. Suite # B1
El Paso, TX 79936

Date of Quote: 05/18/16
Quote No.: 1607
Phone: (915) 581-5900
Fax: (915) 975-8352
E-mail: Chris@cmdei.com

Cost Proposal

Description	Qty.	UOM	Cost	Extension
680-2003 Install Highway Traffic Signals (System)	1.00	EA	\$28,500.00	\$28,500.00
(NEMA TS2 Controller/P44 Cabinet Assembly)				
Grand Total				\$28,500.00

Remarks:

1. Quote valid for ninety (90) days from date listed above.
2. Payment Terms: Net 30.

Prices Listed Above Include:

1. All necessary labor, materials and equipment required to complete this work.
2. Haul-off and proper disposal of all spoils & debris.
3. TS-2 controller & necessary electronic components.
3. Forming and pouring of cabinet concrete foundation.

Exclusions:

1. City of El Paso or El Paso County permits/fees of any kind.
2. Engineering and layout.
3. Traffic control.
4. Surveying data.

Quote Submitted By:

Manuel Carreon Jr.

OPERATIONS DIRECTOR / MANUEL CARREON JR.

Date Submitted:

5/18/2016