

AGENDA ITEM #8 SUMMARY

Approve a change order with Central Texas Mobility Constructors LLC for the Manor Expressway Phase II Project.

Strategic Plan Relevance: Regional Mobility

Department: Engineering

Associated Costs: \$700,317.37

Funding Source: Construction Fund

Board Action Required: Yes

Description of Matter:

Staff requests Board approval of a change order with Central Texas Mobility Constructors, LLC ("CTMC") on the Manor Expressway Phase II Project to compensate CTMC for installing stone and concrete riprap as well as landscape curb in and around the US 183 interchange. These changes were made to reduce future maintenance costs.

There were certain areas in and around the US 183 interchange in which establishment of vegetation (grass) was unattainable due to lack of sunlight or sufficient water. These areas would have resulted in higher maintenance costs to the CTRMA. As a result, the CTRMA requested that CTMC install stone or concrete riprap in these areas. Landscape curb was placed around the stone riprap.

Reference documentation: Request for Change Proposal (RCP) #017

Draft Resolution

Contact for further information: Wesley M. Burford, P.E., Director of Engineering

GENERAL MEETING OF THE BOARD OF DIRECTORS OF THE CENTRAL TEXAS REGIONAL MOBILITY AUTHORITY

RESOLUTION NO. 14-___

APPROVING A CHANGE ORDER WITH CENTRAL TEXAS MOBILITY CONSTRUCTORS LLC FOR THE MANOR EXPRESSWAY PHASE II PROJECT.

WHEREAS, by Resolution No. 11-019, dated March 30, 2011, the Board of Directors approved and authorized the Executive Director to execute a design-build comprehensive development agreement with Central Texas Mobility Constructors LLC ("CTMC") to develop the Manor Expressway Phase II Project (the "Project"), and the design/build comprehensive development agreement contract for construction of the Project was fully executed by the Mobility Authority and CTMC and became effective on June 15, 2011; and

WHEREAS, Mobility Authority staff and its general engineering consultant have requested that CTMC install stone or concrete riprap as well as landscape curb in and around the US 183 interchange in areas not suitable for vegetation due to lack of light and water; and

WHEREAS, the Executive Director recommends approval of the proposed change order with CTMC attached as Exhibit 1 to this resolution, but without Exhibits A through C on file with the Mobility Authority and referenced therein.

NOW THEREFORE, BE IT RESOLVED, that the Board of Directors approves the proposed change order with CTMC for an additional amount not to exceed \$700,317.37, in the form or substantially the same form attached as Exhibit 1, to include all exhibits referenced therein; and

BE IT FURTHER RESOLVED, that the approved change order with CTMC may be finalized and executed by the Executive Director on behalf of the Mobility Authority in the form or substantially the same form attached as Exhibit 1 and with all exhibits referenced therein.

Adopted by the Board of Directors of the Central Texas Regional Mobility Authority on the 25th day of June, 2014.

Submitted and reviewed by:	Approved:		
Andrew Martin	Ray A. Wilkerson		
General Counsel for the Central	Chairman, Board of Directors		
Texas Regional Mobility Authority	Resolution Number: 14-		
- •	Date Passed: 6/25/14		

EXHIBIT 1

PROPOSED CHANGE ORDER WITH

CENTRAL TEXAS MOBILITY CONSTRUCTORS

[on the following 5 pages, but excluding Exhibits A through C referenced therein]



CENTRAL TEXAS REGIONAL MOBILITY AUTHORITY CHANGE ORDER NUMBER: 09

Project Name: Manor Expressway Phase II Project 1. CONTRACTOR: Central Texas Mobility Constructors, LLC Contract No: CD4 Change Order Work Limits: Sta. 230+00 CCSJ: 0114-02-053 US 290 US 290 3. Type of Change(on federal-aid non-exempt projects): Major (Major/Minor) 290E Highway: 4. Reasons: 3E, 2C (In order of Importance - Primary first) County: Travis 5. Describe the work being revised: District: Austin Install stone and concrete riprap in and around the US 183 interchange to cover areas in which grass would not germinate due to lack of sunlight or lack of water, and to reduce future FAP Number: NH1101 (012) maintenace costs. Lanscape curb was installed in the areas of the stone riprap. Also, adjust inlet elevation in the gore area near the westbound entrance ramp near Ridgepoint Drive to achieve proper drainage. 6. Work to be performed in accordance with Items: 7. New or revised plan sheet(s) are attached and numbered: 891 - 896; 1RD-009; 1RD-010 8. New general notes to the contract are attached: ■ No 9. New Special Provisions to Item No. ____ and Special Specification Item are attached. N.A. Each signatory hereby warrants that each has the authority to execute this Change Order (CO). The following information must be provided The contractor must sign the Change Order and, by doing so, 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 Time Ext. #: N/A Days added on this CO: 0 of this change. Amount added by this change order: 700,317.37 THE CONTRACTOR For TxDOT/CTRMA/FHWA use only: Current Contract Amount 211,203,976.52 Revised Contract Amount To Date 211,904,293.89 Typed/Printed Name Days FHWA non-participating N/A Typed/Printed Title CO Portion FHWA non-participating N/A Engineers Seal CTRMA, Director of Engineering Date ☐ APPROVED ☐ REQUEST APPROVAL CTRMA, General Counsel Date ☑ APPROVED ☐ REQUEST APPROVAL CTRMA, Executvie Director Date □ APPROVED □ REQUEST APPROVAL (2)GEC Project Manager FHWA Area Engineer (Verbal Approval) Date ☐ APPROVED □ REQUEST APPROVAL TxDOT Project Engineer FHWA Area Engineer Date Date ☐ APPROVED

☐ APPROVED

□ REQUEST APPROVAL

REQUEST APPROVAL

Manor Expressway Phase II Project

CHANGE ORDER NUMBER:

TABLE A: Force Account Work and Materials Placed into Stock

MX 250+00 EQUIPMENT NIA 230+00 HOURLY RATE LABOR

Estimated Cost:

\$700,317,37

OVERRUN! UNDERRUN 700,317,37 HOURLY RATE OVERRUN/ UNDERRUN 12,976.04 \$ 4963.96 \$ 4963.96 \$ 127,93.00 \$ 127,93.74 \$ 599,662.60 \$ 5,622.74 \$ 5,622.75 \$ 117,760.00 \$ 2,200.66 \$ 5 700,317.37 ITEM COST ITEM COST UNIT PRICE NEW \$16.94 \$0.29 \$31.20 \$631.27 \$170.57 \$3,150.00 \$7,622.73 \$7,622.73 \$16.80 **UNIT PRICE** Major 766.00 16,957.00 300.00 1,750.00 62.00 2,618.00 1.00 1.00 1.00 1.31.00 QUANTITY QUANTITY ITEM COST ITEM COST ORIGINAL + PREVIOUSLY REVISED **UNIT PRICE** UNIT PRICE QUANTITY DUANTITY UNIT FNO λS TOTALS ROAD GRADER WORK CELL FOR MILCH SEED (PERM) (URBAN) (CLAY) VEGETATIVE WATERING DESCRIPTION DESCRIPTION CANDSCAPE EDGE
RIPPAP (CONC) (4 IN)
GRIPPAP (STOR) (12 IN)
GABIONS (XZ) (64.1)
ADJUST HILET (CAP)
OF-OUTY UNIFORM POLICE GFEICER ROCK FILTER DAMS (INSTALL) (TY 2) TABLE B: Contract Items REASON RASON COOPENIES SERVICES SERVI EXTRA 152-2002 163-2001 163-2001 163-2001 162-2015 432-2018 432-2014 479-2006 502-2056 **CHANGE ITEM**

CHANGE ORDER REASON(S) CODE CHART

Design Error or Omission	1A. Incorrect PS&E
Today Cital of Citaboli	18. Other
	15. <u>Outer</u>
2. Differing Site Conditions	2A. Dispute resolution (expense caused by conditions and/or resulting delay)
(unforeseeable)	28. Unavailable material
	2C. New development (conditions changing after PS&E completed)
	2D. Environmental remediation
	2E. Miscellaneous difference in site conditions (unforeseeable)(Item 9)
	2F. Site conditions altered by an act of nature
	2G. Unadjusted utility (unforeseeable)
	2H. Unacquired Right-of-Way (unforeseeable)
ŀ	21. Additional safety needs (unforeseeable)
	2J Other
	23 Other
3. CTRMA Convenience	3A. Dispute resolution (not resulting from error in plans or differing site conditions)
	3B. Public relations improvement
	3C. Implementation of a Value Engineering finding
	3D. Achievement of an early project completion
	3E. Reduction of future maintenance
	3F. Additional work desired by the CTRMA
	3G. Compliance regularments of new laws and/or policies
	3H. Cost savings opportunity discovered during design/construction
	31. Implementation of improved technology or better process
	Price adjustment on finished work (price reduced in exchange for acceptance)
	3K Addition of stock account or material supplied by state provision
	3L. Revising safety work/measures desired by the CTRMA
	3M. Other
4. Third Party Accommodation	4A. Failure of a third party to meet commitment
	4B. Third party requested work
	4C. Compliance requirements of new laws and/or policies (impacting third party)
	4D. Other
5. Contractor Convenience	5A. Contractor exercises option to change the traffic control plan
	5B Contractor requested change in the sequence and/or method of work
	5C. Payment for Partnering workshop
	5D. Additional safety work/measures desired by the contractor
	5E. Other
6. Untimely ROW/Utilities	6A Right-of-Way not clear (third party responsibility for ROW)
	6B. Right-of-Way not clear (County responsibility for ROW)
	6C Utilities not clear
	6D. Other

Change Order No. 9 -- Revised Contract Amount to Date Summary

Original Contract:	\$	207,297,859.00			
Amount		Amount	Description	Revised Contract Amt to Date:	
DRB	\$	24,346.91	Contractually Allowed DRB Expenditures	\$	207,322,205.91
LDs	\$	(550,000.00)	Liquidated Damages Assolcated with Interim Development Work	\$	206,772,205.91
LRs	\$	(108,520.00)	Lane Rental Fees Assessed	\$	206,663,685.91
C.O. #1	\$	1,480,445.71	Revised Mainlane and Frontage Road Pavement Sections	\$	208,144,131.62
C.O. #2	\$	9,010.88	Force Majeure Event - Discovery of Cistern	\$	208,153,142.50
C.O. #3	\$	41,339.71	Broadcast Seeding and Watering at US 183 interchange	\$	208,194,482.21
C.O. #4	\$	187,404.28	Mainlane Column Protection in SH 130 median	\$	208,381,886.49
C.Q. #5	\$	108,388.96	Incorporation of Revised MBGF Standards	\$	208,490,275.45
C.D. #6	\$	2,222,778.82	Revision to Aesthetic Paint Scheme	\$	210,713,054.27
C.O.#7	s	194,167.48	LED Illumination Fixtures; Deletion of OSB	\$	210,907,221.75
C.O. #8	\$	296,754.77	Ramp #1 Rail & MBGF Revisions	\$	211,203,976.52
C.O.#9	\$	700,317.37	Stone & Concrete Riprap at US 183 Interchange	\$	211,904,293.89

Summary Prepared by:

Daniel W. Freeman, PE

6/16/14 Date Change Order #9
Table of Contents

Exhibit A – CTRMA Independent Estimate
Exhibit B – Request for Change Proposal #17 (RCP-017)
(Revised Plans Included in RCP)
Exhibit C – CTMC Response to RCP-017