



CENTRAL TEXAS REGIONAL
MOBILITY AUTHORITY

July 25, 2018
AGENDA ITEM #7

Approve reallocation of budget for professional services contracts for the SH 45 SW Project

Strategic Plan Relevance: Regional Mobility
Department: Engineering
Contact: Justin Word, P.E., Director of Engineering
Associated Costs: None (approx. \$458,000 deduct in professional services)
Funding Source: Project Funds (Previously Allocated)
Action Requested: Consider and act on draft resolution

Summary:

In order to implement the SH 45 SW project, the Mobility Authority executed professional services agreements with Rodriguez Transportation Group (RTG), Jacobs Engineering Group (Jacobs), Kapsch TrafficCom Transportation NA, Inc. (Kapsch), Hicks Environmental (Hicks), and WSP USA (WSP).

Based on realized efficiencies, enhanced ITS initiatives, and some reassignments of responsibilities, staff is requesting a reallocation of committed funds. This reallocation is necessary in order to provide the necessary oversight and support functions to project completion. It includes budget reductions for 2 firms and budget increases for 3 firms. Collectively, this action will reduce the budgeted amount for these services by \$457,978.52, from \$19,228,841.06 to \$18,770,862.54, as summarized below. This net reduction will not change the total project budget. Rather, it will be reflected as an increase in the available project contingency through project closeout.

Firm	Services	Original Amount	Revised Amount	Change
RTG	Engineering Design & Post-Design Construction Phase Support	\$ 6,963,708.00	\$ 7,142,877.91	\$ 179,169.91
Jacobs	Construction Engineering & Inspection	\$ 6,700,469.00	\$ 5,244,569.13	\$ (1,455,899.87)
Kapsch	System Integrator	\$ 2,364,252.06	\$ 2,436,002.06	\$ 71,750.00
Hicks	Independent Environmental Compliance Management	\$ 2,200,412.00	\$ 1,807,916.62	\$ (392,495.38)
WSP	General Engineering Services	\$ 1,000,000.00	\$ 2,139,496.82	\$ 1,139,496.82
			Total	\$ (457,978.52)

The Draft resolution authorizes the Executive Director to negotiate and execute Supplemental Work Authorizations to contractually modify the not-to-exceed amounts with the respective service providers as noted herein.

Backup provided: Draft Resolution
Proposed draft Supplemental Work Authorizations

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

RESOLUTION NO. 18-0XX

**APPROVE REALLOCATION OF BUDGET FOR PROFESSIONAL SERVICES
CONTRACTS FOR THE SH 45 SW PROJECT**

WHEREAS, by Resolution No. 14-080, dated October 29, 2014, the Board authorized and directed the Executive Director to negotiate and execute a professional services contract and Work Authorization No. 1 with Rodriguez Transportation Group, Inc. in an amount not to exceed \$6,963,708.00 for Professional Engineering Design Services for the SH 45 SW Project; and

WHEREAS, by Resolution No. 16-060, dated September 7, 2016, the Board authorized and directed the Executive Director to negotiate and execute a professional services contract and Work Authorization No. 1 with Jacobs Engineering Group, Inc. in an amount not to exceed \$6,700,469.00 for Construction Engineering and Inspection Services for the SH 45 SW Project; and

WHEREAS, by Resolution No. 16-061, dated September 7, 2016, the Board authorized and directed the Executive Director to negotiate and execute a professional services contract and Work Authorization No. 1 with Hicks & Company in an amount not to exceed \$2,200,412.00 for Independent Environmental Compliance Management Services for the SH 45 SW Project; and

WHEREAS, by Resolution No. 16-064, dated September 7, 2016, the Board authorized and directed the Executive Director to negotiate and execute Work Authorization No. 3 for general engineering consultant services with WSP USA in an amount not to exceed \$1,000,000.00 for general project management activities for the SH 45 SW Project; and

WHEREAS, by Resolution No. 17-015, dated March 29, 2017, the Board authorized and directed the Executive Director to negotiate and execute Work Authorization No. 14 for professional services with Kapsch TrafficCom USA in an amount not to exceed \$ 2,364,252.00 for toll system integration services and intelligent transportation services for the SH 45 SW Project; and

WHEREAS, due to realized efficiencies and reassignment of responsibilities, the Executive Director recommends that the Board authorize and direct him to negotiate and execute Supplemental Work Authorizations to contractually modify not to exceed amounts in the previously approved work authorizations and agreements, resulting in an overall reduction in the collective budgeted amount for these services by \$457,978.52; and

WHEREAS, the Executive Director and Rodriguez Transportation Group, Inc. have negotiated Supplement No. 2 to Work Authorization No. 1 increasing the original not to exceed amount of \$6,963,708.00 to \$7,142,877.91 as reflected in the form or substantially the form as attached hereto as Exhibit A; and

WHEREAS, the Executive Director and Jacobs Engineering Group Inc. have negotiated Supplement No. 2 to Work Authorization No. 1 decreasing the original not to exceed amount of \$6,700,469.00 to \$5,244, 569.13 as reflected in the form or substantially the form as attached hereto as Exhibit B; and

WHEREAS, the Executive Director and Hicks & Company have negotiated Supplement No. 1 to Work Authorization No. 1 decreasing the original not to exceed amount of \$2,200,412.00 to \$1,807,916.62 as reflected in the form or substantially the form as attached hereto as Exhibit C; and

WHEREAS, the Executive Director and WSP USA have negotiated Supplement No. 1 to Work Authorization No. 3 increasing the original not to exceed amount of \$1,000,000.00 to \$2,139,496.82 as reflected in the form or substantially the form as attached hereto as Exhibit D; and

WHEREAS, the Executive Director and Kapsch TrafficCom USA, Inc. have negotiated Supplement No. 1 to Work Authorization No. 14 increasing the original not to exceed amount of \$2,364,252.06 to \$2,436,002.06 as reflected in the form or substantially the form as attached hereto as Exhibit E; and

WHEREAS, the Executive Director recommends the amount of \$457,978.52 to be placed into the SH 45 SW project contingency budget.

NOW THEREFORE, BE IT RESOLVED that the Board authorizes and directs the Executive Director to finalize and execute Supplemental Work Authorizations in the form or substantially the same form as attached hereto as Exhibits A thru E to contractually modify the not to exceed amounts as indicated therein and to approve the amount of \$457,978.52 to be placed into the project contingency budget.

Adopted by the Board of Directors of the Central Texas Regional Mobility Authority on the 25th day of July 2018.

Submitted and reviewed by:

Approved:

Geoffrey Petrov, General Counsel

Ray A. Wilkerson
Chairman, Board of Directors

Exhibit A

ATTACHEMENT B

WORK AUTHORIZATION SUPPLEMENT

SUPPLEMENTAL WORK AUTHORIZATION NO. 2 TO WORK AUTHORIZATION NO. 1

This Supplement No. 2 to Work Authorization No. 1 dated November 7, 2014, is made on this 25th day July, 2018, under the terms and conditions established in the CONTRACT FOR ENGINEERING SERVICES, executed November 7, 2014 (the "Agreement"), between the Central Texas Regional Mobility Authority ("Authority") and Rodriguez Transportation Group (the "Engineer"). This Supplement is made for the following purpose, consistent with the services defined in the Agreement:

SH 45 Southwest – Construction Phase Services

PART I. Part I is modified to include the following scope of services:

- Engineer shall perform all design work required for the design of a duct bank for temporary power.

PART II. Part II is modified to increase the maximum amount payable by ONE HUNDRED SEVENTY-NINE THOUSAND ONE HUNDRED SIXTY-NINE AND 91/100 DOLLARS (\$179,169.91). The revised maximum amount payable is SEVEN MILLION ONE HUNDRED FOURTY TWO THOUSAND EIGHT HUNDRED SEVENTY-SEVEN AND 91/100 DOLLARS (\$7,142,877.91).

Except to the extent expressly modified herein, all terms and conditions of the Agreement shall continue in full force and effect.

Authority: Central Texas Regional Mobility Authority

Engineer: Rodriguez Transportation Group

By: Mike Heiligenstein

By: _____

Signature: _____

Signature: _____

Title: Executive Director

Title: _____

Date: _____

Date _____

Exhibit B

ATTACHMENT C

**SUPPLEMENTAL WORK AUTHORIZATION NO. 2
TO WORK AUTHORIZATION NO. 1
CONTRACT FOR CONSTRUCTION ENGINEERING & INSPECTION SERVICES**

THIS SUPPLEMENTAL WORK AUTHORIZATION is made pursuant to the terms and conditions of Article 4 of the Contract for Construction Engineer & Inspection Services (the Contract) entered into by and between the Central Texas Regional Mobility Authority (the Mobility Authority) and Jacobs Engineering, Inc. (the Engineer) dated September 20, 2016

The following terms and conditions of Work Authorization No. 1 are hereby modified as follows:

PART II. Part II is modified to decrease the maximum amount payable by ONE MILLION FOUR HUNDRED FIFTY-FIVE THOUSAND EIGHT HUNDRED NINETY-NINE AND 87/100 DOLLARS (\$1,455,899.87). The revised maximum amount payable is FIVE MILLION TWO HUNDRED FOURTY-FOUR THOUSAND FIVE HUNDRED SIXTY-NINE AND 13/100 DOLLARS (\$5,244,569.13).

Except to the extent expressly modified herein, all terms and conditions of the Agreement shall continue in full force and effect.

Authority: Central Texas Regional Mobility
Authority

Engineer: Jacobs Engineering Group Inc.

By: Mike Heiligenstein

By: _____

Signature: _____

Signature: _____

Title: Executive Director

Title: _____

Date: _____

Date: _____

Exhibit C

ATTACHMENT B

WORK AUTHORIZATION SUPPLEMENT

SUPPLEMENTAL WORK AUTHORIZATION NO. 1 TO WORK AUTHORIZATION NO. 1

This Supplement No. 1 to Work Authorization No. 1 dated September 26, 2016, is made on this 25th day July, 2018, under the terms and conditions established in the CONTRACT FOR INDEPENDENT ENVIRONMENTAL COMPLIANCE MANAGEMENT (IECM) SERVICES, dated as of September 26, 2016 (the " Agreement"), between the Central Texas Regional Mobility Authority ("Authority") and Hicks & Company (the "Consultant" herein referred to as the "IECM"). This Supplemental Work Authorization is made for the following purpose, consistent with the services defined in the Agreement:

SH 45 Southwest – Construction Phase Services

PART II. Part II is modified to decrease the maximum amount payable by THREE HUNDRED NINETY-TWO THOUSAND FOUR HUNDRED NINETY-FIVE AND 38/100 DOLLARS (\$392,495.38). The revised maximum amount payable is ONE MILLION EIGHT HUNDRED SEVEN THOUSAND NINE HUNDRED SIXTEEN AND 62/100 DOLLARS (\$1,807,916.62).

Except to the extent expressly modified herein, all terms and conditions of the Agreement shall continue in full force and effect.

Authority: Central Texas Regional Mobility
Authority

IECM: Hicks & Company

By: Mike Heiligenstein

By: _____

Signature: _____

Signature: _____

Title: Executive Director

Title: _____

Date: _____

Date: _____

Exhibit D

EXHIBIT D

WORK AUTHORIZATION SUPPLEMENT

SUPPLEMENTAL WORK AUTHORIZATION NO. 1 TO WORK AUTHORIZATION NO. 3

This Supplement No. 1 to Work Authorization No. 3 dated September 26, 2016, is made on this 25th day of July, 2018, under the terms and conditions established in the AGREEMENT FOR GENERAL CONSULTING ENGINEERING SERVICES, dated as of July 1, 2016 (the " Agreement"), between the Central Texas Regional Mobility Authority ("Authority") and WSP USA (formerly Parsons Brinckerhoff, Inc.) ("GEC"). This Supplement is made for the following purpose, consistent with the services defined in the Agreement:

SH 45 Southwest – Construction Phase Services

Section C. - Compensation

This Supplement increases the not-to-exceed amount by ONE MILLION ONE HUNDRED THIRTY-NINE THOUSAND FOUR HUNDRED NINETY-SIX AND 82/100 DOLLARS (\$1,139,496.82) to a revised not-to-exceed amount of TWO MILLION ONE HUNDRED THIRTY-NINE THOUSAND FOUR HUNDRED NINETY-SIX AND 82/100 DOLLARS (\$2,139,496.82).

Except to the extent expressly modified herein, all terms and conditions of the Agreement shall continue in full force and effect.

Authority: Central Texas Regional Mobility
Authority

GEC: WSP USA

By: Mike Heiligenstein

By: _____

Signature: _____

Signature: _____

Title: Executive Director

Title: _____

Date: _____

Date: _____

Exhibit E

CENTRAL TEXAS REGIONAL MOBILITY AUTHORITY

SUPPLEMENTAL WORK AUTHORIZATION NO. 1
to
WORK AUTHORIZATION NO.14
TOLL SYSTEM IMPLEMENTATION
STATE HIGHWAY 45 SOUTHWEST PROJECT

THIS SUPPLEMENTAL WORK AUTHORIZATION NO. 1 (“SWA No. 1”) TO WORK AUTHORIZATION NO. 14 (“WA No. 14”) is made pursuant to the terms and conditions of Article 1 of the GENERAL PROVISIONS, Attachment A, to the original Contract for Toll System Implementation, dated April 27, 2005 (the Contract) entered into by and between the Central Texas Regional Mobility Authority (the “Authority” or “CTRMA”), and Kapsch TrafficCom USA, Inc. (the “Contractor,” also referred to in attachments to this SWA No. 1 and WA No. 14 as the “System Integrator” or “SI”).

Pursuant to this SWA No. 1, PARTS I and II of WA No. 14 are modified as follows:

PART I. The Scope of Work attached to WA No. 14 as **Attachment A** is amended to include the following additional services:

- All work required to coordinate with the Authority, General Engineering Consultant, and Roadway Contractor to incorporate the use of temporary power connections for the Toll System.
- All work required to coordinate with the Authority, General Engineering Consultant, and Engineer related to the design of enhanced ITS initiatives for the SH 45 SW Project.

PART II. This SWA No. 1 increases the maximum amount payable under this WA No. 14 by SEVENTY-ONE THOUSAND SEVEN HUNDRED FIFTY DOLLARS (\$71,750.00). The revised maximum amount payable is TWO MILLION FOUR HUNDRED THIRTY-SIX THOUSAND TWO AND 06/100 DOLLARS (\$2,436,002.06).

IN WITNESS WHEREOF, this Supplemental Work Authorization No. 1 to Work Authorization No. 14 is executed in duplicate counterparts and hereby accepted and acknowledged below.

THE CONTRACTOR: Kapsch TrafficCom USA, Inc.

Signature

Date

Typed/Printed Name and Title

CENTRAL TEXAS REGIONAL MOBILITY AUTHORITY

Executed for and approved by the Central Texas 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

Mike Heiligenstein, Executive Director

Typed/Printed Name and Title