



**CENTRAL TEXAS  
Regional Mobility Authority**

Meeting Date: December 16, 2015  
AGENDA ITEM # 3

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Approve Supplement No. 2 to HNTB's Work  
Authorization No. 16 for the MoPac Improvement  
Project.

Strategic Plan Relevance: Regional Mobility  
Department: Engineering  
Contact: Wesley M. Burford, P.E., Director of Engineering  
Associated Costs: \$11,884,332  
Funding Source: Reimbursed with Project Funds  
Action Requested: Consider and act on draft resolution.

Summary:

The Board approved HNTB Corporation Work Authorization No. 16 to provide general engineering consultant services related to the MoPac Improvement Project at their June 26, 2013 meeting. That work authorization was sufficient for the completion of the project associated with the original schedule proposed by the contractor. In light of the significant project delays, this Supplement provides for continuation of support of current activities which include: construction oversight, project management, construction engineering, inspection services, material acceptance testing, environmental compliance, public involvement and administrative tasks. Savings from the original WA will be used toward work on this supplement as well. The estimate of cost for this work authorization is based on an assumption of a project completion date of March 2017. Our internal estimates of completion are as soon as July 2016 to as late as November 2017 and we should gain more clarity on that completion date as we move through the contract enforcement process with the contractor.

Backup provided: Draft Supplement No. 2 to Work Authorization No. 16  
Draft Resolution for Board Consideration

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

**RESOLUTION NO. 15-\_\_\_\_**

**APPROVING SUPPLEMENT NO. 2 TO HNTB'S WORK AUTHORIZATION NO. 16  
FOR THE MOPAC IMPROVEMENT PROJECT.**

WHEREAS, by Resolution No. 13-040 dated June 26, 2014, the Board of Directors authorized the Executive Director to finalize and execute on behalf of the Mobility Authority a proposed work authorization with HNTB Corporation ("HNTB") for the MoPac Improvement Project (the "Project"); and

WHEREAS, by Resolution No. 14-004 dated January 28, 2015, the Board of Directors authorized the Executive Director to finalize and execute Supplement No. 1, providing an extension to Work Authorization No. 16 with HNTB for the Project; and

WHEREAS, a proposed Supplement No. 2 to Work Authorization No. 16 is attached hereto as Exhibit A and sets forth a Scope of Services and other terms for additional project management services necessary to oversee the design and construction of the Project; and

WHEREAS, the Executive Director recommends approval of proposed Supplement No. 2 to Work Authorization No. 16.

NOW, THEREFORE, BE IT RESOLVED that the Board of Directors hereby adopts and approves Supplement No. 2 to Work Authorization No. 16 in substantially the form attached hereto as Exhibit A; and

BE IT FURTHER RESOLVED that the Executive Director is authorized to finalize and execute Supplement No. 2 to Work Authorization No. 16 on behalf of the Mobility Authority.

Adopted by the Board of Directors of the Central Texas Regional Mobility Authority on the 16<sup>th</sup> day of December, 2015.

Submitted and reviewed by:

Approved:

\_\_\_\_\_  
Geoffrey Petrov, General Counsel

\_\_\_\_\_  
Ray A. Wilkerson  
Chairman, Board of Directors

## APPENDIX D

### WORK AUTHORIZATION SUPPLEMENT

#### WORK AUTHORIZATION NO. 16

#### SUPPLEMENT NO. 2

This Supplement No. 2 to Work Authorization No. 16, dated April 27, 2013, is made as of this \_\_\_\_ day of \_\_\_\_\_, 2015, under the terms and conditions established in the AGREEMENT FOR GENERAL CONSULTING ENGINEERING SERVICES (the "Agreement"), between the Central Texas Regional Mobility Authority ("Mobility Authority") and HNTB Corporation ("GEC"). This Supplement is made for the following purpose, consistent with the services defined in the Agreement:

#### *MoPac Improvement Project – Design / Build Oversight*

The Project schedule requires extension in order for the D/B contractor to complete the project; necessitating amendment to Work Authorization 16 schedule and compensation to complete the defined services. The following terms and conditions of Work Authorization No. 16 are hereby amended as follows:

#### **Section A. – Scope of Services**

Additional services may be needed if the Project completion requires processes, tasks and deliverables not currently anticipated; including D/B Contractor default with no cure, D/B Contractor termination, and D/B Contractor voluntary termination. If required, those services and associated fees will be negotiated under an additional supplement.

#### **Section B. - Schedule**

GEC shall perform the Services and deliver the related Documents (if any) according to the following schedule:

Services defined herein reflect a single-phased opening of the Project and are anticipated to be substantially complete on September 30, 2017. This Work Authorization will not expire until all tasks associated with the Scope of Services are complete as defined by the Mobility Authority.

#### **Section C. – Compensation**

C.1. In return for the performance of the foregoing obligations, the Authority authorizes to the GEC an additional \$11,884,332 based on a Cost Plus fee list in Attachment B – SWA02 Fee Estimate. This will increase the not-to-exceed amount for Work Authorization No. 16 from \$18,430,663 to \$30,314,995. Compensation shall be in accordance with the Agreement.

The Authority and the GEC agree that the budget amounts contained in Attachment B-SWA02 Fee Estimate for the GEC are estimates and that these individual figures may be redistributed and/or adjusted as necessary over the duration of this Work Authorization. The GEC may alter the compensation distribution between tasks or work assignments to be consistent with the Services actually rendered within the total Work Authorization amount. The GEC shall not exceed the maximum amount payable with prior written permission by the Authority.

**Section E. – Other Provisions**

Schedule for the services of this supplement are based upon the Project Schedule provided by the D/B Contractor. Revisions to the Project Schedule that extend the date of project completion as listed in Section B above may require an additional supplement.

Schedule anticipates the following milestones:

- Substantial Completion – March 9, 2017
- Final Acceptance – July 7, 2017
- Project Closeout – September 5, 2017

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

**Mobility Authority:**

**CENTRAL TEXAS REGIONAL  
MOBILITY AUTHORITY**

By: \_\_\_\_\_  
Name: Mike Heiligenstein  
Title: Executive Director  
Date: \_\_\_\_\_

**GEC:**

**HNTB Corporation**

By: \_\_\_\_\_  
Name: Richard L. Ridings, P.E.  
Title: Vice President  
Date: \_\_\_\_\_

Attachment B  
SWA02 Fee Estimate

	HNTB	DBE SUB	NON-DBE SUB	TOTAL	Percentage of Oversight Fee
<b>Total Labor &amp; Overhead &amp; Profit</b>					
Project Management Oversight	\$2,492,825	\$0	\$0	<b>\$2,492,825</b>	17.70%
Claims Review and DRB Support	\$1,016,637	\$34,848	\$51,120	<b>\$1,102,605</b>	7.83%
Toll Facilities	\$1,249,866	\$0	\$0	<b>\$1,249,866</b>	8.88%
Project Controls	\$430,711	\$298,618	\$11,076	<b>\$740,405</b>	5.26%
Public Involvement	\$162,320	\$65,271	\$0	<b>\$227,591</b>	1.62%
Construction Oversight	\$3,501,441	\$4,120,883	\$40,213	<b>\$7,662,537</b>	54.42%
<b>Sub-Total Burdened Labor</b>	<b>\$8,853,801</b>	<b>\$4,519,620</b>	<b>\$102,409</b>	<b>\$13,475,830</b>	95.70%
<b>Expenses</b>	<b>\$393,000</b>	<b>\$101,500</b>	<b>\$110,500</b>	<b>\$605,000</b>	4.30%
<b>Total Fee (Design/Build Oversight)</b>	<b>\$9,246,801</b>	<b>\$4,621,120</b>	<b>\$212,909</b>	<b>\$14,080,830</b>	100.00%
			<b>Less Remaining Fee (as of 11/20/2015)</b>	<b>\$ 2,196,498</b>	
			<b>Total WA #16 - SWA02 Fee</b>	<b>\$ 11,884,332</b>	

Attachment B  
SWA 02 Fee - Expense Summary

DB Expenses	
	Monthly Amount
Expenses - includes mileage, travel, leased vehicles, vehicle supplies, field / safety equipment, cell phones, cameras, network/technology, internet service, phone service, desk phones, wiring, computers, e-builder licenses, earth cam, miscellaneous supplies, vendors, and other expenses for field office	\$28,810

