

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

RESOLUTION NO. 10-05

**PBS&J GEC Work Authorization No. 4 for
GEC Support Services Related to Development of Future Projects**

WHEREAS, the Central Texas Regional Mobility Authority ("CTRMA") was created pursuant to the request of Travis and Williamson Counties and in accordance with provisions of the Transportation Code and the petition and approval process established in 43 Tex. Admin. Code § 26.1, *et. seq.* (the "RMA Rules"); and

WHEREAS, the Board of Directors of the CTRMA has been constituted in accordance with the Transportation Code and the RMA Rules; and

WHEREAS, in Resolution No. 09-53, dated August 26, 2009, following the issuance of a Request for Qualifications and evaluation of responses thereto in accordance with the CTRMA's procurement policies, the Board of Directors directed staff to enter into negotiations and finalize a General Engineering Consultant Services Agreement (the "GEC Agreement") with Post, Buckley, Schuh & Jernigan, Inc. (d/b/a PBS&J) ("PBS&J"); and

WHEREAS, effective December 31, 2009, the CTRMA executed the GEC Agreement with PBS&J; and

WHEREAS, attached hereto and incorporated herein as Attachment "A" is Work Authorization No. 4 to the GEC Agreement ("Work Authorization No. 4") which sets forth a scope of services for the continuation of GEC support services related to the development of future CTRMA projects through June 30, 2010; and


WHEREAS, it is necessary that the Board of Directors approve Work Authorization No. 4 and its execution by the Executive Director.

NOW THEREFORE, BE IT RESOLVED, that the Board of Directors of the CTRMA hereby approves Work Authorization No. 4 in substantially the same form attached hereto as Attachment "A", provided that any work commenced under Work Authorization No. 4 be subject to the GEC Agreement between the CTRMA and PBS&J; and

BE IT FURTHER RESOLVED, that Work Authorization No. 4 may be finalized and executed by the Executive Director on behalf of the CTRMA and that Work Authorization No. 4 may be amended from time to time by written amendment as deemed necessary by the Board of Directors.


Adopted by the Board of Directors of the Central Texas Regional Mobility Authority on the 27th day of January, 2010.

Submitted and reviewed by:



C. Brian Cassidy
Acting General Counsel for the Central
Texas Regional Mobility Authority

Approved:



Ray A. Wilkerson
Chairman, Board of Directors
Resolution Number 10-05
Date Passed 01/27/10

ATTACHMENT "A"
TO
RESOLUTION 10-05
PBS&J GEC Work Authorization No. 4

EXHIBIT D
WORK AUTHORIZATION

Work Authorization No. 4

This Work Authorization is made as of this 27th day of January, 2010, under the terms and conditions established in the AGREEMENT FOR GENERAL CONSULTING ENGINEERING SERVICES, dated as of January 4th, 2010 (the Agreement), between the **Central Texas Regional Mobility Authority (Authority)** and **Post, Buckley, Schuh & Jernigan, Inc. (d/b/a PBS&J) (GEC)**. This Work Authorization is made for the following purpose, consistent with the services defined in the Agreement:

Activities associated with the Development of Future Projects [FY 2010]

Section A. - Scope of Services

A.1. GEC shall perform the following Services:

Please reference Attachment A – Services to be Provided by the GEC

A.2. The following Services are not included in this Work Authorization, but shall be provided as Additional Services if authorized or confirmed in writing by the Authority.

Not applicable.

A.3. In conjunction with the performance of the foregoing Services, GEC shall provide the following submittals/deliverables (Documents) to the Authority:

Please reference Attachment A – Services to be Provided by the GEC

Section B. - Schedule

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

Services defined herein are expected to be substantially complete by June 30, 2010. This Work Authorization will not expire until all tasks associated with the Scope of Services are complete.

Section C. - Compensation

C.1. In return for the performance of the foregoing obligations, the Authority shall pay to the GEC the amount not to exceed \$99,714.00, based on Attachment B -Fee Estimate. Compensation for Direct Expenses under this Work Authorization which are incurred as part of normal business operations (i.e., internal document reproduction, internal plotting, travel and parking associated with local meetings, etc.) will be reimbursed on a Lump-Sum basis in the amount of \$600.00 (with \$120.00 to be invoiced monthly based on an assumed five month Work Authorization duration). Compensation shall be in accordance with the Agreement.

C.2. Compensation for Additional Services (if any) shall be paid by the Authority to the GEC according to the terms of a future Work Authorization.

Section D. - Authority's Responsibilities

The Authority shall perform and/or provide the following in a timely manner so as not to delay the Services of the GEC. Unless otherwise provided in this Work Authorization, the Authority shall bear all costs incident to compliance with the following:

Please reference Attachment A – Services to be Provided by the GEC

Section E. - Other Provisions

The parties agree to the following provisions with respect to this specific Work Authorization:

Not applicable.

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: Post, Buckley, Schuh & Jernigan, Inc. (d/b/a PBS&J)

By: _____

By: _____

Signature: _____

Signature: _____

Title: _____

Title: _____

Date: _____

Date: _____

CENTRAL TEXAS REGIONAL MOBILITY AUTHORITY

WORK AUTHORIZATION NO. 4

PBS&J

ATTACHMENT A

SERVICES TO BE PROVIDED BY GEC

GENERAL

This scope of services includes professional services and associated deliverables required by the Authority through June 30, 2010.

The scope of services to be performed by the GEC will include, but not be limited to, those professional services and deliverables related to General Project Activities required to assist the Central Texas Regional Mobility Authority (the Authority) in the study and initial development of Future Projects.

The tasks in this scope of services will not be performed or the funds utilized until directed by the Authority.

1.0 GENERAL PROJECT DEVELOPMENT SUPPORT

The GEC will be a resource with respect to the project development of the Agency's Programs, as requested by the Authority. The GEC support services include the following areas:

- 1.1 Oversight and/or preparation of project feasibility investigation, analysis, and evaluation;
- 1.2 Oversight and/or preparation of environmental documents in compliance with NEPA requirements, such as Categorical Exclusions, Environmental Assessments, and Environmental Impact Statements;
- 1.3 Oversight and/or preparation of Preliminary and Final Engineering Design documents and Technical Support;
- 1.4 Oversight and/or preparation of Toll Systems design, procurement and implementation;
- 1.5 Coordination with utilities;
- 1.6 Coordination of right-of-way activities;
- 1.7 Oversight and/or preparation of project Cost Estimates and Schedules;
- 1.8 Coordination with agencies such as the CAMPO, U.S. Corps of Engineers, US Fish and Wildlife Service, Texas Parks & Wildlife Department, Texas Historical Commission, Texas Commission on Environmental Quality, Texas Department of Transportation, Federal Highway Administration, counties and cities;
- 1.9 Prepare Concept Reports identifying proposed improvements or deficient conditions, and proposing appropriate improvements, repairs or rehabilitation as requested by the Authority. The GEC will meet with the Director of Engineering or the Director of Operations and/or a representative to review the findings and opinions of the GEC as set forth in the Concept Report. The Final Report will be presented to the Authority's Executive Director for approval. The reports shall be presented in the following general manner:
 - 1.9.1 Description of general problems and existing conditions;
 - 1.9.2 Outline of the investigations and studies;
 - 1.9.3 Opinions required to solve the problem including alternatives considered;
 - 1.9.4 Analysis of economic and/or other factors of the alternatives considered;

- 1.9.5 Description of the proposed facilities, including basic data and a general layout drawing showing the relationship of the proposed improvements to the existing facilities;
 - 1.9.6 Opinions regarding operating and maintenance procedures;
 - 1.9.7 Establish additional criteria and standards, if necessary, for design;
 - 1.9.8 Estimates of capital, operating, and maintenance costs of the proposed facilities;
 - 1.9.9 Schedule for the recommended improvements with staged construction or installation.
- 1.10 Oversight and/or preparation of project funding applications and administration;
 - 1.11 Public Information and Communications support, as requested by the Authority;
 - 1.12 Oversight and/or performance of construction activities;
 - 1.13 Attendance at meetings, as requested by the Authority;
 - 1.14 Perform various assignments of less than one week duration as requested by the Authority;
 - 1.15 Perform traffic count surveys to quantify travel patterns or changes in traffic patterns as may be warranted by changing development patterns, or as requested by the Authority;
 - 1.16 Preparation of reports; and
 - 1.17 Conduct field visits and evaluations.

**Attachment B - Fee Estimate
Summary**

CTRMA General Engineering Consultant
 PBS&J - Man-hour Breakdown & Fee Estimate
 General Project Activities Related to the Development of Future Projects [FY 2010]

PBS&J WORK AUTHORIZATION #4

ACTIVITIES ASSOCIATED WITH THE DEVELOPMENT OF FUTURE PROJECTS [FY 2010]

<u>TASK</u>	<u>SUBTOTAL</u>	<u>SUBTOTAL</u>	<u>TOTAL</u>
	Labor +		
	Overhead +	Direct	
	Profit	Expenses	
1.0 - General Project Development Support	\$ 99,114	\$ 600	\$ 99,714
TOTALS	\$ 99,114	\$ 600	\$ 99,714

Attachment B - Fee Estimate

CTRMA General Engineering Consultant
 PBS&J - Man-hour Breakdown & Fee Estimate
 General Project Activities Related to the Development of Future Projects [FY 2010]

PBS&J WORK AUTHORIZATION #4 ACTIVITIES ASSOCIATED WITH THE DEVELOPMENT OF FUTURE PROJECTS [FY 2010]

1.0 - General Project Development Support

TASK / WORK DESCRIPTION	(Estimated Average Labor Rates)						TOTAL HRS
	A \$ 70.00	B \$ 60.00	C \$ 50.00	D \$ 40.00	E \$ 30.00	F \$ 20.00	
1.1 Project Feasibility Investigation, Analysis & Evaluation	8	16	16	40			80
1.2 NEPA Document Preparations	8	8	16	40			72
1.3 Engineering Design / Technical Support		8	40				48
1.4 Toll Systems Design / Procurement / Implementation Support			16				16
1.5 Utility Coordination			16				16
1.6 Right-of-Way Coordination			16				16
1.7 Cost Estimating & Schedule Development		8	24				32
1.8 Agency Coordination	8	8					16
1.9 Concept Report Development	8	16	40	40			104
1.10 Funding Application Preparation & Administration	8	16		40			64
1.11 Public Information / Communications Support	8				32		40
1.12 Attendance at Meetings, as directed	8	8					16
1.13 Miscellaneous Assignments	8	16	16				40
1.14 Traffic Count Surveys, as directed					16		16
1.15 Report Preparations	8	16	40				64
1.16 Field Visits / Evaluations		8	8				16

TOTAL DIRECT LABOR	72	128	248	160	48	0	656
% Total by Classification	10.98%	19.51%	37.80%	24.39%	7.32%	0.00%	
Labor Costs	\$ 5,040	\$ 7,680	\$ 12,400	\$ 6,400	\$ 1,440	\$ -	\$ 32,960
Overhead Costs	1.6849 \$ 8,492	\$ 12,940	\$ 20,893	\$ 10,783	\$ 2,426	\$ -	\$ 55,534
Profit	12.0% \$ 1,624	\$ 2,474	\$ 3,995	\$ 2,062	\$ 464	\$ -	\$ 10,619
Total Loaded Labor	\$ 15,156	\$ 23,094	\$ 37,288	\$ 19,245	\$ 4,330	\$ -	\$99,114

Direct Expenses	
Plotting and Reproduction	\$ 200
Mail and Deliveries	\$ 200
Misc Expenses	\$ -
Travel and Field Expenses	\$ 200
Total Direct Expenses	\$ 600

Total \$ 99,714