

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

**RESOLUTION NO. 05-70**

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 § 26.01, *et. seq.* (the "RMA Rules"); and

WHEREAS, in a minute order approved on August 25, 2005, the Texas Transportation Commission authorized the CTRMA to pursue the development of the 290 East Turnpike Project; and

WHEREAS, the General Engineering Consultant retained by the CTRMA (the "GEC") has developed a scope of work and proposed budget for work necessary to pursue the development of 290 East; and

WHEREAS, a copy of that proposed scope of work and budget is contained in Work Authorization No. 5.2, attached hereto as Attachment "A"; and

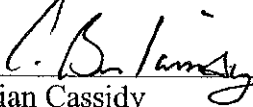
WHEREAS, the CTRMA Board of Directors must approve Work Authorization No. 5.2 before the GEC may proceed with work thereunder; and

WHEREAS, the GEC has represented to the Board of Directors that the work reflected in Work Authorization No. 5.2 and the cost thereof is necessary and appropriate to pursue the development of the 290 East Turnpike Project.

NOW THEREFORE, BE IT RESOLVED, that the Board of Directors approves Work Authorization No. 5.2, attached hereto as Attachment "A", provided that any work commenced under Work Authorization No. 5.2 be subject to the Agreement for General Consulting Civil Engineering Services between the CTRMA and the GEC.

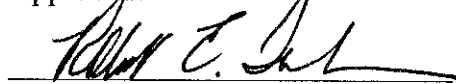
Adopted by the Board of Directors of the Central Texas Regional Mobility Authority on the 28th day of September, 2005.

Submitted and reviewed by:



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

Approved:



Robert E. Tesch  
Chairman, Board of Directors  
Resolution Number 05-70  
Date Passed 09/28/05

**CENTRAL TEXAS RMA****ATTACHMENT A – SCOPE OF WORK- DRAFT****WORK AUTHORIZATION NO. 5.2****SERVICES TO BE PROVIDED BY THE GENERAL ENGINEERING CONSULTANT  
(GEC)**

This scope of work includes the continuation of those professional services and associated deliverables required by the CTRMA for October 2005 through September 2006.

In summary, this scope will entail those services required to assist the Central Texas Regional Mobility Authority (CTRMA) in feasibility study and procurement management and developing context sensitive solutions for US 290 E and the regional implementation plan.

The tasks in this scope of work will not be performed or the funds utilized until requested by the CTRMA.

**1) PROJECT PLANNING AND FEASIBILITY – REGIONAL IMPLEMENTATION PLAN**

The GEC will assist in the administration of work authorizations for upcoming projects in regional implementation plan, primarily the US 290E project. This will include management, coordination, project meetings, administration, cost control, and reporting. In regard to this task, the GEC will:

- a) Maintain an internal project cost control system to process and track project costs, including invoicing and payment of costs with CTRMA, TxDOT, HNTB, and the subconsultants.
- b) Prepare monthly invoices and progress reports. The monthly invoices will detail all GEC (prime & subconsultant) direct labor costs, overhead costs, direct expenses incurred for the reporting period and the overall project to date. The monthly progress reports will include a series of narrative descriptions and graphs detailing tasks accomplished, issues of concern, schedule status, budget status, and future activities. Prior to submittal of this information to the CTRMA, the GEC will also perform a final review and acceptance of the invoices and progress reports. This final review will be conducted by the GEC Project Manager and the Project Engineer responsible for project controls; the final acceptance will be documented on the CTRMA Certification cover sheet prior to submittal to the CTRMA.

- c) Prepare, administer and coordinate subcontracts with the GEC subconsultants. This will include preparation, administration & coordination of subconsultant work authorizations; meetings & correspondence with subconsultants; review / approval of subconsultant monthly invoices and progress reports to assure the payment requested is consistent with the progress made; documentation and processing of subconsultant monthly invoices for payment by the CTRMA; and maintenance of a budget tracking system (actual vs. planned) for all subconsultants.

## 2) CONTEXT SENSITIVE SOLUTIONS (CSS)

As necessitated by CAMPO, the GEC will provide assistance in applying Context Sensitive Solutions in the preliminary development of the US290E project.

- a) The GEC working closely with CTRMA Staff will coordinate an approach and provide recommendations for meeting the CSS goals. This will involve field visits for corridor evaluations, preliminary recommendations, attendance and participation at TxDOT public meetings and hearings, meeting with CTRMA staff and Board members, and preparation of final recommendations.
- b) The GEC will prepare a Corridor Aesthetics Document for 290E that incorporates all aesthetic treatments evaluated and recommended for continued inclusion on CTRMA projects along with other innovative techniques. The GEC will prepare a draft aesthetic scope and concepts section of the CDA in a manner consistent with the CSS recommendations for the project.

September 28, 2005

**SUMMARY**

Task	Fee
Regional Implementation Plan	\$124,909
CSS	\$202,316
<b>TOTAL</b>	<b>\$327,225</b>

Manhours					
Principal	Dep PM	Senior Project Engineer	Project Engineer	Senior Admin	Admin
188	394	16	64	96	0
64	836	0	0	488	0
252	1230	16	64	584	0

Labor Costs	\$ 17,640	\$ 73,800	\$ 800	\$ 2,304	\$ 17,520	\$ -
Overhead Costs 148.79%	\$ 26,247	\$ 109,807	\$ 1,190	\$ 3,428	\$ 26,068	\$ -
<b>Total Labor &amp; Overhead</b>	<b>\$ 43,887</b>	<b>\$ 183,607</b>	<b>\$ 1,990</b>	<b>\$ 5,732</b>	<b>\$ 43,588</b>	<b>\$ -</b>

Direct Expenses	Cost
Regional Implementation Planning	\$ 2,500
CSS	\$ 4,100
<b>Total Direct Expenses</b>	<b>\$ 6,600</b>
<b>Total Labor &amp; Overhead</b>	<b>\$ 278,804</b>
<b>Total Direct Expenses</b>	<b>\$ 6,600</b>
<b>Subtotal Project Costs</b>	<b>\$ 285,404</b>
15.00% <b>Project Profit</b>	<b>\$ 41,821</b>
<b>Total</b>	<b>\$ 327,225</b>

Attachment B - Fee Estimate

CTRMA GEC  
 HNTB Corporation - MAN-HOUR BREAKDOWN  
 September 28, 2005

CTRMA  
 WORK AUTHORIZATION NO. 5.2

Context Sensitive Solutions	MAN-HOURS						TOTAL
	A	B	C	D	E	F	
<b>9.0 Context Sensitive Solutions</b>							
<b>a Determine CSS approach and recommendations</b>							
1. Field visits, research, and evaluation of 290E con	8	80			80		168
2. Develop a report on CSS recommendations	8	100			40		148
3. Meet with CTRMA & TxDOT on recommendation	8	40			12		60
4. Attend public meetings and hearings	8	16			16		40
5. Refine CSS guidelines per meetings and public i	8	80			100		188
<b>b Provide CSS/ Aesthetics requirements for RFP</b>							
1. Develop Corridor Aesthetic Document	8	200			100		308
2. Coordinate Design with CTRMA & GEC Team	8	40			20		68
3. Prepare Aesthetic Scope & Concepts Sections fo	8	200			80		288
4. Coordinate Aesthetic Sectfons in CDA		80			40		120
<b>TOTAL GEC TEAM DIRECT LABOR</b>	<b>64</b>	<b>836</b>	<b>0</b>	<b>0</b>	<b>488</b>	<b>0</b>	<b>1268</b>

Direct Expenses	Cost
Travel	\$ 2,000
Misc expenses	\$ 1,600
Mileage	\$ 500
<b>Total Direct Expenses</b>	<b>\$ 4,100</b>
<b>Total Labor &amp; Overhead</b>	<b>\$ 172,362</b>
<b>Total Direct Expenses</b>	<b>\$ 4,100</b>
<b>Subtotal Project Costs</b>	<b>\$ 176,462</b>
<b>Project Profit</b> 15.00%	<b>\$ 25,854</b>
<b>Total</b>	<b>\$ 202,316</b>

Attachment B - Fee Estimate

CTRMA GEC  
 HNTB Corporation - MANHOUR BREAKDOWN  
 September 28, 2005

CTRMA  
 WORK AUTHORIZATION NO.5.2

Project Plan and Feasibility- Regional Toll Plan	MANHOURS						TOTAL
	A	B	C	D	E	F	
<b>8.0 Project Plan and Feasibility- Regional Toll Plan</b>							
<b>Feasibility Study</b>							
a Data Collection and Coordination	16	40					56
b Evaluate Senarios and phasing alterna	16	36		16			68
c Preliminary Study Preparation / Revie	20	36					56
d Traffic and revenue Coordination	18	18					36
e Toll Operations Analysis	6		16				22
f Final Study Review and Certification	16	40		16			72
g Administrative (12 months* 4 hrs per mo)		48			48		96
<b>Procurement</b>							
a Schedule / Plan	20	40					60
b Draft RFDP	20	40					60
c Risk Allocations	20	40					60
d Meetings & Administrative					48		
<b>Public involvement</b>							
a Coordinate presentations	10	20		16			46
b Review Exhibits	10	20		16			46
c Attend Meetings	16	16					32
<b>TOTAL GEC TEAM DIRECT LABOR</b>	<b>188</b>	<b>394</b>	<b>16</b>	<b>64</b>	<b>96</b>	<b>0</b>	<b>710</b>

Direct Expenses	Cost	Remarks
Travel	\$ -	
Misc expenses	\$ 2,000	
Mileage	\$ 500	
<b>Total Direct Expenses</b>	<b>\$ 2,500</b>	
<b>Total Labor &amp; Overhead</b>	<b>\$ 106,442</b>	
<b>Total Direct Expenses</b>	<b>\$ 2,500</b>	
<b>Subtotal Project Costs</b>	<b>\$ 108,942</b>	
Project F 15.00%	\$ 15,966	
<b>Total</b>	<b>\$ 124,909</b>	