

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

**RESOLUTION NO. 09-66**

**Amendment of Stantec Consulting Services, Inc.  
Agreement to Expand the Scope of Work**

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

WHEREAS, the CTRMA identified the 183-A Turnpike Project (the "Project") as its initial project, and the Project was constructed and opened for use by the traveling public on March 3, 2007; and

WHEREAS, shortly thereafter the CTRMA began the design and engineering of the northern extension of the main lanes of the Project from RM 1431 to a point north of the intersection of the Project and current FM 2243 (the "Proposed Northern Extension"); and

WHEREAS, in Resolution No. 07-62, dated October 3, 2007, the Board of Directors of the CTRMA authorized entry into a Traffic and Revenue Engineering Services Agreement (the "Agreement") with Stantec Consulting Services, Inc. ("Stantec") for the provision of the necessary traffic and revenue engineering work related to the Proposed Northern Extension; and

WHEREAS, the Agreement originally provided for a maximum payment obligation of \$1,000,000, with an initial authorized allocation of \$712,266.41, and was scheduled to terminate as of June 30, 2009; and

WHEREAS, in Resolution No. 09-33, dated May 27, 2009, the CTRMA Board of Directors authorized an amendment of the Agreement to provide for extension of the term of the Agreement until March 31, 2010 and increase the authorized allocation thereunder to \$978,000; and

WHEREAS, the CTRMA now desires to expand Stantec's scope of work as necessary to include participation at informational meetings with rating agencies, a peer review effort to enhance the credibility of the investment grade traffic and revenue study with potential creditors, and new network calibrations and revenue estimates as a result of the addition of an exit ramp at Scottsdale Drive; and

WHEREAS, due to the expanded scope of work, it is necessary to increase the authorized allocation under the Agreement by an additional \$145,000.


NOW THEREFORE, BE IT RESOLVED, that the Board of Directors of the CTRMA authorizes the Executive Director to negotiate an amendment to the Agreement, as previously amended, to increase of the authorized allocation thereunder by an additional \$145,000; and

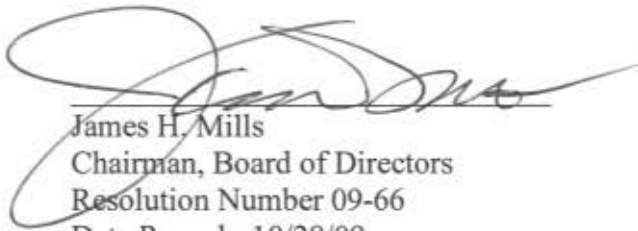
BE IT FURTHER RESOLVED, that the Executive Director is authorized to execute the amendment to the Agreement on behalf of the CTRMA consistent with the provisions of this Resolution.

Adopted by the Board of Directors of the Central Texas Regional Mobility Authority on the 28th day of October, 2009.

Submitted and reviewed by:

Approved:

  
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Tom Nielson  
General Counsel for the Central  
Texas Regional Mobility Authority

  
\_\_\_\_\_  
James H. Mills  
Chairman, Board of Directors  
Resolution Number 09-66  
Date Passed: 10/28/09



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**Stantec**

September 11, 2009

Mr. Wesley Burford, P.E., Chief Engineer  
Central Texas Regional Mobility Authority  
301 Congress Avenue, Suite 650  
Austin, TX 78701

**Reference:** 183A Level 3 Traffic and Revenue Study - Extra Work Proposal #2

Dear Mr Burford:

#### **Overview**

During the latter stages of preparing the draft traffic and revenue report it came to our attention that there had been a modification to the project configuration of the 183A turnpike north extension. This involved adding a northbound pair of braided ramps approaching Scottsdale Drive. This design change had the affect of taking what was a closed system and making it open, allowing for movements that could avoid paying a toll. After discussions with CTRMA and HNTB staff it was agreed that the off ramp from the toll road to the frontage road would be a tolled ramp. This design change resulted in the additional work described below.

After participating in the informational rating agency presentations (August 11<sup>th</sup> – 13<sup>th</sup>) Stantec is requesting additional funding to support a second/formal round of presentations to rating agencies, insurance companies and investors. Our original scope of services did not contemplate such an extensive effort for the initial informational meetings.

And finally, the peer review task currently in our scope was developed to support the independent analysis being completed by Baez Consulting (BC), but did not contemplate a second peer review for the TIFIA application conducted by Wilbur Smith Associates (WSA).

Following is a description of the extra work items and the associated costs:

#### **Level 3 Study Tasks**

**New Task 12 – Revised Base Case Network & Draft Traffic and Revenue Estimates:** The addition of the new Scottsdale tolled ramp required changes to the highway networks and the subsequent re-running of the entire model process for all forecast years 2012 – 2030. Model results were then reviewed for reasonableness. Following this analysis, new paypoint summaries, screenline summaries and flow diagrams were produced and a new annual traffic and revenue stream was created for the entire period. There was a level of urgency to this work as new data was needed for financial analysis used in the rating agency presentations the week of August 10<sup>th</sup>. Stantec also provided the revised draft forecasts to HNTB for use in their O&M analysis and presentation.

Many other project deliverables required changing to reflect the new tolled ramp. New work products were provided to HNTB for use in the TIGER application process. New work products were provided to Baez Consulting for use in the development of their audit report. Some of the sensitivity model runs and analyses were re-done to reflect the revised network. Finally, the Investment Grade report required revisions in both text and figures to reflect the new configuration.

**Stantec**

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**Reference: 183A Level 3 Traffic and Revenue Study – Extra Work Proposal #2**

New Task 13 – Information Meetings with Rating Agencies & Insurers – The extensive round of informational meetings with the rating agencies and insurers was not contemplated in our original scope of services. Senior staff attended a series of 6 meetings over a three-day period, prepared presentation materials and made formal presentations. The sum total of the effort for these meetings including pre-meeting and post-meeting follow-ups exceeded our expected levels. It is expected that a similar level of effort as well potentially more extensive sensitivities will be required during the formal presentations and investor road shows later in the schedule. We have included the actual cost of the informational meetings in this extra work request, thereby preserving the original budget for the formal process and road show.

New Task 14 – TIFIA Peer Review: The peer review task in our current scope was developed in support of the "audit" being conducted by Baez Consulting. There is a second peer review underway that will require Stantec to provide information to support Wilbur Smith Associates in their review as part of the TIFIA application process. It is expected that the combination of these two reviews will likely result in Stantec running additional model tests in response to BC and/or WSA comments. We have included an allowance for this eventuality.

**Cost of Services**

Details of the cost breakdown for this additional level of effort are shown in Exhibit A. The total cost for these services is estimated to be \$145,000, which includes \$25,000 for sub consultant fees (ATG) and \$15,000 in direct expenses. As in the base contract we will only invoice for actual expenditures.

Please let us know if you have any questions about the information contained in this extra work proposal. We are happy to provide you with any additional information you may need.

Sincerely yours,

**STANTEC CONSULTING SERVICES INC.**



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Principal  
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**EXHIBIT A**  
**183A Level 3 T&R Study - Extra Work Cost Proposal 2**

| Task Description  | Principal  | Project Manager | Senior Engineer | Junior Engineer | Total Hours | Total Direct Labor | Total Labor Cost |
|---|------------|-----------------|-----------------|-----------------|-------------|--------------------|------------------|
| <b>Level 3 Efforts</b>                                    |            |                 |                 |                 |             |                    |                  |
| New Task 12: Revised Base Case Work                       | 12         | 40              | 80              | 100             | 232         | \$12,696           | \$37,908         |
| New Task 13: Informational Mtgs w/ Rating Agency/Insurers | 40         | 60              | 24              | 90              | 214         | \$13,380           | \$39,950         |
| New Task 14: Peer Review for TIFIA Application            | 8          | 24              | 60              | 80              | 172         | \$9,084            | \$27,123         |
| <b>Total Hours</b>  | <b>60</b>  | <b>124</b>      | <b>164</b>      | <b>270</b>      | <b>618</b>  | <b>\$35,160</b>    | <b>\$104,981</b> |
| Labor Rate  | \$108.00   | \$80.00         | \$65.00         | \$30.00         |             |                    |                  |
| Total Direct Labor  | \$6,480.00 | \$9,920.00      | \$10,660.00     | \$8,100.00      |             |                    |                  |
| Multiplier  | 2.986      | 2.986           | 2.986           | 2.986           |             |                    |                  |
| Total Labor Cost  | \$19,348   | \$29,619        | \$31,829        | \$24,185        |             |                    | \$104,981        |
| Direct Expenses (Est)                                     |            |                 |                 |                 |             |                    | \$15,019         |
| Subconsultant (ATG)                                       |            |                 |                 |                 |             |                    | \$25,000         |
| <b>Total Cost</b>   |            |                 |                 |                 |             |                    | <b>\$145,000</b> |