

07/20/15 REC'VR#321237

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Invoice

To: County Auditor
Fort Bend County
301 Jackson Street - Suite 533
Richmond, TX 77469

From: Transportation Economics & Management Systems, Inc.
50 Carroll Creek Way - Suite 250
Frederick, MD 21701

Taxpayer ID Number:

Purchase Order Number: 116002
Second Amendment Approved 02/03/2015

Project: SH 36A Development Corridor Business Case and Feasibility Plan

Date of Invoice: July 16, 2015

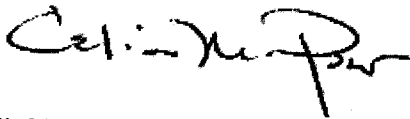
Invoice Number: 430-04

Period Covered: June 1-30, 2015

Description		Allocated Budget	% Complete To Date	Amount Earned To Date	Total Invoiced Previously	Amount Due This Invoice
Step 1	Market Assessment	\$79,295	100%	\$79,295.00	\$71,365.50	\$7,929.50
Step 2	Service Scenario Definition	\$327,272	20%	\$65,454.40	\$49,090.80	\$16,363.60
Step 3	Traffic & Revenue Assessment	\$50,135	70%	\$35,094.50	\$25,067.50	\$10,027.00
Step 4	Implementation Plan Analysis	\$53,887	26%	\$14,010.62	\$0.00	\$14,010.62
Step 5	Financing & Funding Plan	\$39,699	0%	\$0.00	\$0.00	\$0.00
Step 6	Business Plan	\$49,712	0%	\$0.00	\$0.00	\$0.00
Totals		\$600,000	32.3%	\$193,854.52	\$145,523.80	\$48,330.72

Total Due This Invoice \$48,330.72

I hereby certify that the above amount due represents the actual status of work on the project, that these amounts have not been previously invoiced, and that these amounts have not been previously paid.



Celia M. Pew

July 16, 2015

Date

cc: Michael.Gutierrez@fortbendcountytexas.gov

PROGRESS REPORT

Invoice No. 430-04
Period Covered: June 1-30, 2015
Transporation Economics & Management Systems, Inc.

SH 36A Development Corridor Business Case and Feasibility Plan

Activities completed during this invoice period included:

Step 1 Market Assessment

Finalized development of updated study database, including --
"New" world trade zones -- Developing better "trade" ports in Northern Asia and Southeast Asia to reflect new trade patterns and "Round the World" trade using the Suez Canal.
Marine networks -- Updated Pacific and Atlantic shipping routes to reflect ports of call and the character of shipping services by frequency per week.
U.S. zone system -- Updated to the new FAF3 U.S. zone system, increasing the number of inland zones to 123 and providing better market area definition.
Rail and highway networks -- Updated rail and highway inland networks using latest GIS and satellite data. Created KLM files and graphic displays.
Integrated final database into the traffic model.

Step 2 Service Scenario Definition

Prepared environmental constraints map.
Developed draft representative alignment, including the preparation of track charts and GIS files, and further refined the route map.
Refined alignment based on team discussions.
Completed preliminary route assessment.
Finalized work on "On Dock loading" operations and land use needs in Port Freeport.
Began work on development of unit cost data.

Step 3 Traffic & Revenue Assessment

Finalized development of base year traffic flows for both trade and inland distribution systems.
Continued development of model framework for both trade growth and commodity movements.
Continued development of overall trade growth models and began work on their calibration.

Step 4 Implementation Plan Analysis

Began development of Implementation Plan framework
Began work on estimating timing of infrastructure development.
Began work on identifying potential bottlenecks in the development of infrastructure.
Began preparations for upcoming Freight Railroad discussions.

Step 5 Financing & Funding Plan

Step 6 Business Plan

No work undertaken on these tasks to date.

Meetings Attended: Meeting with Steering Committee at Port Freeport on June 24, 2015

Meetings Planned: Meeting with Steering Committee at Fort Bend on July 30, 2015

Issues: None

Approvals and/or Actions Needed: None