

**APRIL 27, 2011 CTRMA BOARD OF DIRECTORS MEETING
Summary Sheet**

AGENDA ITEM # 5

Approve a supplement to Atkins' Work Authorization #1 concerning oversight by the general engineering consultant of the design/build comprehensive development agreement for the Manor Expressway.

Department: Engineering

Associated Costs: \$23,307,363.00

Funding Source: Bond Sale Funds

Board Action Required: Yes

Description of Matter:

By action of the Board at their Meeting on August 26th, 2009, Atkins (formerly PBS&J) was selected to provide General Engineering Consultant (GEC) services to the CTRMA. By action of the Board at their Meeting on January 27th, 2010, a Work Authorization No. 1 with Atkins was approved to allow for the provision of GEC Support Services related to the Manor Expressway.

This Supplemental Work Authorization No. 3 to Work Authorization No. 1 will allow for the continuation of GEC Support Services related to oversight of the activities progressed under the Design/Build Comprehensive Development Agreement for the Manor Expressway.

In summary, the services contained in this Supplemental Work Authorization #3 to Work Authorization No. 1 include project management, design oversight, construction oversight, material acceptance testing, environmental compliance, and public involvement.

The performance of these services will be as directed by the CTRMA.

Attached documentation for reference:

**Draft Resolution
Supplemental Work Authorization No. 3 (Attachment A to Draft Resolution)**

Contact for further information:

Wesley M. Burford, P.E., Director of Engineering

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

RESOLUTION NO. 11-__

**Approve a Supplement to Atkins' Work Authorization #1 Concerning
Oversight by General Engineering Consultant of the Design/Build
Comprehensive Development Agreement for the Manor Expressway.**

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 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, CTRMA executed the GEC Agreement with PBS&J; and

WHEREAS, on April 1, 2011, following the merger of PBS&J and Atkins North America, Inc. ("Atkins"), PBS&J changed its name to Atkins and all rights and obligations of PBS&J under the GEC Agreement are now the rights and obligations of Atkins; and

WHEREAS, a proposed Supplemental Work Authorization No. 3 to Work Authorization No. 1 to the GEC Agreement ("Supplemental Agreement No. 3") is attached and incorporated into this Resolution as Attachment "A" and sets forth a Scope of Services for additional GEC services for project management services necessary to oversee the design and construction of the Manor Expressway (290 East) Phase II Project by Central Texas Mobility Constructors under a design/build comprehensive development agreement with CTRMA; and

WHEREAS, it is necessary that the Board of Directors approve Supplemental Agreement No. 3 and its execution by the Executive Director.

NOW THEREFORE, BE IT RESOLVED, that the Board of Directors hereby adopts and approves Supplemental Agreement No. 3 and the related Scope of Services in substantially the form attached hereto as Attachment "A"; and

BE IT FURTHER RESOLVED, that Supplemental Agreement No. 3 and the related Scope of Services may be finalized and executed by the Executive Director on behalf of the CTRMA and that Supplemental Agreement No. 3 may be amended from time to time by written amendment as deemed necessary the Board of Directors.

[Signatures appear on the following page]

Adopted by the Board of Directors of the Central Texas Regional Mobility Authority on the 27th day of April, 2011.

Submitted and reviewed by:

Approved:

Andrew Martin
General Counsel for the Central
Texas Regional Mobility Authority

Ray A. Wilkerson
Chairman, Board of Directors
Resolution Number: 11-_____
Date Passed: 4/27/11

ATTACHMENT "A" TO RESOLUTION 11-

Supplemental Work Authorization No. 3

To Work Authorization No. 1

[on the following 19 Pages]

EXHIBIT D
WORK AUTHORIZATION

**Supplemental Work Authorization No. 3 to
Work Authorization No. 1**

This Supplemental Work Authorization is made as of this 27th day of April, 2011, 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 **Atkins North America, Inc.** (GEC). This Work Authorization is made for the following purpose, consistent with the services defined in the Agreement:

*Manor Expressway [290E Turnpike Project] Phase II
Design-Build Comprehensive Development Agreement Oversight Services*

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 Supplemental 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 within thirty nine (39) months from the date this Supplemental Work Authorization becomes effective. This Supplemental 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 \$23,307,363, based on Attachment B -Fee Estimate. Compensation for Direct Expenses under this Work Authorization which are incurred as part of the work will be reimbursed on a Lump-Sum basis in the

amount of \$93,600.00 (with \$2,400.00 to be invoiced monthly based on an assumed thirty nine 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: Atkins North America, Inc.

By: Mike Heiligenstein

By: _____

Signature: _____

Signature: _____

Title: Executive Director

Title: _____

Date: _____

Date: _____

CENTRAL TEXAS REGIONAL MOBILITY AUTHORITY
SUPPLEMENTAL WORK AUTHORIZATION NO. 3 TO
WORK AUTHORIZATION NO. 1
Atkins

ATTACHMENT A
SERVICES TO BE PROVIDED BY GEC

GENERAL

The work to be performed by the General Engineering Consultant (GEC) will include project management services necessary to oversee the design and construction of the Manor Expressway (290 East) Phase II Project through the use of a Design/Build Comprehensive Development Agreement (D/B CDA). This will entail those professional services and associated deliverables required to complete the oversight activities associated with the management of the D/B CDA Developer (hereinafter referred to as the Developer).

The GEC will be the single point of contact between the CTRMA and Developer, acting as an extension of CTRMA staff by providing qualified technical and professional personnel to perform the duties and responsibilities assigned under the terms of this Agreement. The GEC shall not control the design and construction under the D/B CDA. Oversight reviews by the GEC will not relieve the Developer of sole responsibility for the means and methods of design and construction, or for health or safety precautions in connection with the work under the D/B CDA.

TASK 1 PROJECT MANAGEMENT (CODE 13730)

The GEC will provide staff to administer, manage, review and coordinate development of the Project. This staff will represent the CTRMA's interest as defined in the PDA. The GEC will develop and maintain a staffing plan for consistency and appropriate levels of Project staffing. Activities included in this task:

A. Project Management Plan (PMP)

This will include an update to the Project Management Plan to include the selected Developer's information. The component parts of the Project Management Plan (PMP) include:

- Project Administration
- Design quality management plan
- Construction quality management plan
- Maintenance management plan
- Comprehensive Environmental Protection Program
- Public information and communications
- Safety
- Communications management
- Right of Way Acquisition management
- Cost management

B. Project Administration

- Review and report on the Developer's submittals of records and reports including:
 - weekly payroll
 - statement of wage compliance
 - requests for payment of materials on hand
 - DBE compliance and/or other reports and records as required for the Project by TxDOT and or FHWA

- Report Project progress and issues in a timely manner
- Review, monitor, and report on Developer's Project schedule
- Review and submit a report on the Developer's as-built plans
- Maintain accurate records of the costs involved in potential change order work. These records will include labor and equipment times and materials installed (temporary or permanent) in the portion of the work in dispute.
- Assist in the surveillance of the Developer's compliance with contract requirements. The GEC is responsible for reviewing, monitoring, evaluating, and acting upon documentation required for Comprehensive Development Agreement (CDA) compliance and maintaining the appropriate files thereof. Typical areas of compliance responsibility include EEO Affirmative Action, DBE, OJT positions and number of hours, and payroll and subcontracts.
- Provide compliance oversight of third party agreements and development permits including:
 - Dewatering permits
 - NPDES permits
 - Demolition permits
 - Noise permits
 - Corps of Engineer permits

C. Project Coordination

- Work with CTRMA, TxDOT, Developer, third party consultants, utility companies, public agencies, contractors and the general public to coordinate Project development
- Coordinate the details of and participate in Project's partnering meeting to be held shortly after notice to proceed has been given to the Developer

D. Sub-Consultants

- Coordinate, contract, and provide oversight for any required sub-consultants

E. Program Reporting

- Prepare and issue monthly reports on the Project's status which will document any issues, delays encountered, and corrective actions as necessary
- Provide a monthly update to CTRMA on key milestones accomplished during the preceding month, meetings and key activities for the upcoming month, and identify outstanding issues requiring resolution
- Track, monitor, and report on contracts and budgets for the GEC and sub consultants
- Track, monitor, and prepare reports on DBE/HUB utilization for Developer's DBE/HUB program

F. Project Schedule

The GEC will provide staff to coordinate the Project scheduling efforts. Specific activities include:

- Evaluate, monitor, and verify, the Developer's Project schedule (baseline and updates)
- Report and verify the Developer's progress and upcoming milestones on a monthly basis to CTRMA
- Identify, catalog, and archive Baseline Schedule and schedule revisions. Evaluate time impacts and report recommendations to CTRMA

G. Change Order Processing & Management

- Provide review of potential change orders on the Project and process in accordance with the CDA and coordinate with external agencies as required
- Review change order cost estimates prepared by the Developer, evaluate Developer claims for extension of time, and provide comments to CTRMA
- Maintain log and retain all documents associated with potential change orders
- Prepare status reports and presentation for the Dispute Resolution Board

H. Dispute/Claims Support

- Assemble supporting documentation, review, analyze and provide recommendations to CTRMA on the Developer's submittal of a dispute
- Review, analyze and make recommendations to CTRMA on the Developer's claim package submittal
- Participate as needed in preparation and presentation to Dispute Resolution Board

I. Project Meetings & Documentation

The GEC will facilitate the following Project meetings to assess progress, schedule, and quality of services being provided as well as identify issues:

- Project Progress Meetings (Weekly)
- Issue Resolution Meetings (As Needed)

In addition, the GEC will participate in Developer's meetings:

Partnering

- Initial Partnering Workshop(Start-up)
- Additional Partnering Workshops(As needed)

Design Phase

- Roadway, Drainage, Utilities, Environmental Compliance(Weekly)
- Maintenance of Traffic(Weekly)
- Structures, Signals, ITS, Illumination, Geotechnical(Bi-weekly)
- Toll System Integrator Coordination(Monthly)
- Design Leads(Weekly)
- Quality Assurance(Monthly)
- Design Submittal Review Meetings(Prior to submittals)

Construction Phase

- Utilities(Weekly)
- Quality Assurance(Bi-weekly)
- Maintenance of Traffic(Weekly)
- Public Information(Weekly)
- Environmental Compliance(Weekly)

Oversight, Scheduling, and Coordination

- 4-Week Rolling Schedule Review(Weekly)
- Staffing Meeting(Monthly)

- Steering Committee(Bi-Weekly)
- Executive Management(Quarterly)

J. Documentation

The GEC will prepare agendas, meeting minutes, action items and follow-up action item status for each of the GEC Project meetings and distribute to attendees and appropriate personnel.

K. Document Controls

- Develop and implement a document control plan
- Maintain Project files for the duration of the Project
- Transfer program files to CTRMA upon completion of the work or as directed by the CTRMA
- Import documents into the CTRMA Electronic Document Management System (EDMS) as necessary

L. Tracking Database

- Maintain the tracking database for correspondence, transmittals, requests for information, meeting minutes, action items, submittals, Inspector daily reports, Project diary, Project schedule, change orders, pay estimates, lien waivers, shop drawings, working drawings, erection drawings, catalog cut sheets, mix designs, non-conformance reports, payment certifications, Insurance and Bonds, issues, material test data, schedules, audits, related technical data, and issues associated with the Project.

M. Data Backups

- Perform backup of Project database on a daily basis

N. Document Distribution

- Assign identification coding to incoming and outgoing Project related documentation and perform entry into the EDMS
- Prepare, manage, record, distribute and archive documentation of Project activities, progress, and related communications
- Log and track submittals and deliverables

O. Trust Indenture Obligations

- Prepare a Quarterly Report with an Executive Summary that provides a comprehensive summary of the monthly reports and the overall Project progress

P. Response to Open Records Requests

- Perform retrieval of documents as a result of open records requests.

Q. Mail Services

- Provide mail services for the Project (US, Priority, Courier, Internal and External).

TASK 2 – DESIGN OVERSIGHT (CODE 13730)

This will include the work required to oversee that the design of the Project is completed in accordance with the PDA and the CDA.

Design oversight efforts will focus on coordination with the Developer's design process to provide monitoring and oversight of reasonable compliance with contract obligations and sound engineering practices. The following activities are included:

A. Design criteria

The GEC will work with the Developer to establish the design criteria to be used by the design team in the production of the construction plans.

B. Schematic development

The GEC will oversee that the schematic plan development proceeds in accordance with the basic configuration provided in the CDA as a part of the 30% plan review. Variances from the basic configuration will be tracked and resolved through the partnering process. The GEC will identify opportunities for changes to the schematic to accommodate Project goals. These opportunities will be coordinated with the Developer, CTRMA, TxDOT, and FHWA.

C. Production schedule

The GEC will work with the Developer to provide GEC staffing levels accommodate the Developers proposed design production schedule. The Developer's production schedule will be coordinated with the CTRMA, TxDOT, and FHWA to keep Project stakeholders informed of key milestone dates and design reviews schedules.

D. Work group meetings

This task includes the attendance of the Developer's design work group meetings. In these meetings, the GEC will stay informed of design development issues and provide guidance to the Developer when required.

E. Design reviews

After a design submittal has been through the design quality control and the design quality assurance reviews, the GEC will perform a design quality oversight review. This review will:

- Audit records to verify compliance with the approved DQMP
- Check and review compliance with the CDA
- Audit design to confirm all previous review comments have been incorporated

The mandatory design reviews include:

- 30% plans
- 65% plans
- 100% plans

Other design reviews may include:

- Early release construction plans
- Over the shoulder reviews
- Request for information (RFI) submittals
- Shop and working drawing reviews

F. Design acceptance

Once the Developer has incorporated all comments from the Final (100%) Design Submittal and resolved all concerns, the Developer will submit the Final Design Package for acceptance. The GEC will review the acceptance package for the following components:

- Design plans
- Design calculations
- Design reports
- Specifications for construction
- Electronic files
- Government and utility owner approvals
- Design quality assurance firm certification of compliance with the DQMP and the CDA

TASK 3 – CONSTRUCTION OVERSIGHT (CODE 13730)

The GEC will provide professional services associated with construction oversight including the construction engineering and inspection in accordance with the PDA. The GEC will provide qualified technical and professional personnel to perform this task. The GEC shall not interfere with the Developer's work effort or productivity. Construction Oversight by the GEC will not relieve the Developer of sole responsibility for the means and methods of the construction of the Project.

The GEC will perform oversight and the CTRMA will pay for all costs of the GEC's construction oversight services. In performing this task, the GEC shall not direct, manage, or control the Developer's design and construction work activities.

Construction oversight efforts will focus on coordination with the Developer's construction process to provide monitoring and oversight of reasonable compliance with contract obligations, sound engineering practices and regulatory requirements. The GEC will develop the construction Quality Assurance Plan (QAP) which will be incorporated by reference into the Developer's Construction Quality Management Plan (CQMP). The following activities are included:

A. Construction Oversight Inspections

- Perform and report construction inspections
- Review and report final documentation of construction quantities in support of Developer draw requests
- Maintain diaries, logs, and records for a record of the Developer's progress
- Provide a digital photo log of the Project area during construction, with heavy emphasis on areas with potential claim items/issues and on areas of real/potential public controversy

B. Traffic Control

- Issue deficiency reports to the Developer on any non-compliance of traffic control devices or layouts
- Coordinate with the Developer, affected third parties, interested agencies, emergency responders and CTRMA for major traffic disruptions
- Track lane rental fees
- Attend meetings pertaining to the traffic control and maintenance of traffic that are held by the Developer, or interested parties

C. Requests for Information (RFI) and Non-Conformance Report Processing and Management

- Review and comment on Project RFIs
- Prepare and manage Non-Compliance Reports (NCRs) for non compliant work
- Maintain, log and retain all documents associated with RFIs and NCRs

D. Shop Drawing / Submittals Processing and Management

- Review shop drawings, erection drawings, working drawings, samples, material and product certifications, and catalog cuts and brochure submittals for general conformance with the design plans and specifications submitted by the Developer. Check that the Engineer of Record has provided required approvals.
- Maintain, log and retain all documents associated with shop drawings
- Coordinate with the Developer

E. Developer Draw Requests

- Review completeness of Developer's submittal, including:
 - Cover sheet
 - Monthly progress report
 - Certification by design quality assurance manager and construction quality control manager
 - Report of personnel hours
 - Progressed schedule of values
 - DBE utilization report
 - Cash flow and payment curves
 - Updated Project schedule
 - Waiver of liens from previous draw requests
 - Material on hand invoices
 - Lane rental fee report
- Evaluate that the request accurately reflects monies due for acceptable work completed
- Notify the CTRMA of amount approved for payment

F. Right-of-Way/Utility Oversight

The GEC will provide oversight, coordination, and assistance for right-of-way and utility related activities. Specific activities include:

- Provide information to the Developer concerning previous land acquisition negotiations with certain property owners along the Project corridor
- As requested, coordinate the preparation of Eminent Domain packages to be submitted by the Developer in relation to land acquisition
- Review utility plans for compliance with the TxDOT Utility Accommodation Policy, compatibility with the Project features, betterment inclusion and constructability
- Provide oversight review of location, materials, and backfilling of trenches associated with utility adjustments; not responsible for actual location of utilities
- Participate in meetings as necessary to effectively manage the utility coordination process
- Schedule periodic meetings with utility owner's representatives for coordination purposes
- Meet with the Developer as necessary to resolve matters relating to schedules, utility identification, design changes, conflict resolution, and negotiation with utility owners

- Assist Developer with negotiating the details of utility agreements with the utility companies. Details will include any necessary betterment percentages, indirect costs, plans, estimates and schedules for the utility companies' activities
- Review of utility adjustment agreements including plans, estimates, and property interest
- Review of claims of unidentified utilities submitted by the Developer
- Monitoring payments from Developer to utility owners for utility adjustments
- Provide utility construction monitoring and verification
- Monitor and report utility adjustment status

G. Survey Support

- Perform miscellaneous spot checks as needed during the duration of the Project

H. General Technical Support

The GEC will provide technical support and management assistance as required by the CTRMA toward the successful completion of the Project; including:

- Advise the CTRMA on matters of engineering related to interpretation of design details, construction techniques and procedures, specifications, standard construction details, and construction plans prepared by the Design Engineer(s)
- Seek clarifications from the Design Engineer(s) when necessary on the intent reflected in the design plans and specifications. The Engineer of Record will remain responsible for design related services

I. CTRMA Construction Coordination Support

The GEC will support CTRMA in coordination and any interlocal agency agreements including exhibit preparation and supporting document preparation and assembly with the following agencies:

- Texas Department of Transportation (TxDOT)
- Federal Highway Administration (FHWA)
- Capitol Area Metropolitan Planning Organization (CAMPO)
- City of Austin
- Travis County
- Local Municipalities and Municipal Utility Districts
- Other Agencies as identified and as directed by CTRMA

J. Notice of completion

When the Project is complete the GEC will:

- Coordinate with the Developer and TxDOT in the generation of a punch list
- Inspection of punch list completion
- Verify there are no outstanding claims related to the Developer's work
- Provide a Notification of Completion to the CTRMA.

TASK 4 – MATERIALS ACCEPTANCE TESTING (CODE 13730)

The GEC will provide Quality Acceptance testing of materials incorporated into the project, coordinate materials testing operations, and review Material Test Reports. Materials Testing procedures will include:

A. Quality Acceptance

- Provide a Qualification Program for materials utilized by the project for the construction of the Project in accordance with the Quality Acceptance Program (QAP)
- Approve Developer's procedures and requirements for handling, storage, shipping, and preservation of materials incorporated into the work; including Corrective Action procedures for test or inspection failures, malfunctions or deficiencies
- Submit construction Quality Acceptance Material Certification letter monthly to CTRMA
- All material test results will be reviewed by the Construction Manager

B. Verification

- Implement a testing plan in compliance with TxDOT's Guide Schedule of Sampling and Testing for the Project
- Perform the testing of construction materials utilized on the project
- Prepare and manage Non-Compliance Reports (NCRs) for failing tests as appropriate
- Prepare control charts for applicable test values
- Provide materials advice as deemed necessary
- Maintain a material testing data base
- Review mill and shop inspection and laboratory tests and field tests of construction materials performed by the testing engineer and the off-site materials testing agency

C. Independent Assurance Program

- Implement the Independent Assurance (IA) program which evaluates all sampling and testing procedures, personnel, and equipment used as part of an acceptance decision
- Maintain documentation of all qualified individuals who perform required tests for acceptance of materials
- Verify that laboratories are qualified to perform testing
- Compose an annual report that will be submitted to TxDOT summarizing the results of the systems approach IA program

TASK 5 – ENVIRONMENTAL COMPLIANCE (CODE 13730)

The GEC will provide staff to review and report on the Developer's environmental compliance efforts. Specific activities include:

- Oversight review and audits of the Developer's Comprehensive Environmental Protection Program (CEPP)
- Review of environmental site assessments (ESAs) submitted by the Developer for right of way (ROW) parcels for the Project, as required
- Review of Phase II ESA proposed scopes of work and Investigative Work Plans for ROW parcels with potential Recognized Environmental Conditions discovered during the ESA process, as required
- Review and approve Developer's HAZMAT Plan
- Review letters to Affected Property Owners and meet with concerned citizens to discuss environmental issues, as required
- Review Archeological and Historic Property Phase I and II survey reports, Test /Data Recovery Plans and reports, and SHPO-FRHP nomination packages, as required
- Review design plans and design changes for conformance with environmental commitments

- Develop and maintain database to track and verify environmental commitments documented in the Environmental Documents and for permit compliance
- Monitor the Developer's activities to determine if environmental encounters are being promptly reported and managed in accordance with the CEPP, and applicable laws and regulations

TASK 6 - PUBLIC INVOLVEMENT (CODE 13750)

The GEC will provide staff as needed to support the CTRMA with the administration, management, and coordination of the overall D/B CDA public involvement oversight efforts. The GEC has included an allowance in Exhibit B to cover some public involvement activities such as:

A. Public Information and Project Updates

Public outreach concerning Project information and construction updates, including:

- Work with the Developer to develop Public Information Plan (PIP) for the Project
- Respond to public inquiries regarding the Project, specifically with the use of an e-mail hotline address

B. Public Outreach Support

Coordinate various public outreach meetings and events, as requested by the CTRMA; including:

- Small meetings and one-on-ones with stakeholders
- Project tours for visitors and other delegations

C. Media Outreach Support

Assist the CTRMA, as requested, with the following public and media outreach tasks:

- Provide content for updates on the CTRMA'S Project web site
- Issuance of Developer's public notices of traffic phase changes and local road detours and closures through the TxDOT District office
- Respond to media inquiries
- Respond to open record requests

LIST OF ASSUMPTIONS

A. Project Scope

The services provided by the GEC as described in this Work Authorization are based upon the Project scope as defined in the CDA scope of work and technical provisions.

B. Project Schedule

The services provided by the GEC as described in this Work Authorization are based upon the Project schedule as provided by the Developer in its proposal. Factors that affect the budget of this Work Authorization include:

- Design complete 250 calendar days after NTP
- Construction start 59 calendar days after NTP (excludes utility adjustments)
- Substantial completion 955 calendar days after NTP

- Planned construction shifts 5 days a week (with certain expected exceptions)
- Majority of operations requiring lane closures or road closures will occur at night

C. Project Vehicles

Vehicles will not be invoiced separately as they are included in the billing rate multiplier. Staff assigned to temporary duty on the Project will be reimbursed for personnel or rental vehicle usage in accordance with Exhibit C.

D. Staff Labor and Overhead Rates

Hourly rates and overhead rates shown in Exhibit B are estimates or averages used for the purpose of establishing the not to exceed budget for this work authorization. The actual rates used will be in accordance with Section 4, Compensation in the Agreement.

[END OF ATTACHMENT]

**Attachment B - Fee Estimate
Manor Expressway - CDA Oversight Estimate
2011 - 2014**

**GEC Project Oversight - Manor Expressway
Summary Costs**

Task 1 - Project Management	\$	4,553,843
Task 2 - Design Oversight	\$	4,789,529
Task 3 - Construction Oversight	\$	11,060,679
Task 4 - Material Acceptance Testing	\$	2,136,082
Task 5 - Environmental Compliance	\$	303,878
Task 6 - Public Involvement	\$	369,752
Total Expenses	\$	93,600
TOTAL	\$	23,307,363

**GEC Project Oversight - Manor Expressway
Costs by Subconsultant**

Kfriese and Associates, Inc.	\$	1,407,647
Group Solutions RJW	\$	346,752
Bury Partners	\$	539,479
McGray & McGray	\$	25,920
Loomis Partners, Inc.	\$	72,071
Rodriguez Transportation Group	\$	741,980
Rodriguez Engineering Lab	\$	818,185
Terracon	\$	40,200
Pave Tex	\$	1,317,897
Kleinfelder	\$	20,000
HVJ Associates, Inc.	\$	117,680
TOTAL	\$	5,447,811

**GEC Project Oversight - Manor Expressway
Costs by DBE Firm**

Kfriese and Associates, Inc.	\$	1,407,647
Group Solutions RJW	\$	346,752
Pave Tex	\$	1,317,897
Rodriguez Transportation Group	\$	741,980
Rodriguez Engineering Lab	\$	818,185
McGray & McGray	\$	25,920
HVJ Associates, Inc.	\$	117,680
TOTAL	\$	4,776,061

**Attachment B - Fee Estimate
Manor Expressway - CDA Oversight Estimate
2011 - 2014**

Manor Expressway CDA Project - Project Oversight														2011	2011	2011	2011
	Est.	Est.	Est.	Est.	Est.	Est.	Est.	Est.	Est.	Est.	Est.	Est.	Est.	Hourly	Burden	Sum	Total
	Jan-11	Feb-11	Mar-11	Apr-11	May-11	Jun-11	Jul-11	Aug-11	Sep-11	Oct-11	Nov-11	Dec-11	Rate	Rate	Hrs.	Dollars	
TASK 1 - PROJECT MANAGEMENT																	
1	GEC Program Manager (PM)	0	0	0	0	32	32	32	32	32	32	32	32	\$90.00	\$261.90	256	\$67,046.40
64	CDA Senior Advisor (PM)	0	0	0	0	32	32	32	32	32	32	32	32	\$62.00	\$186.00	318	\$59,148.00
2	CDA Project Manager (PM) (FO)	0	0	0	0	168	176	160	184	168	168	160	160	\$90.00	\$241.92	1,344	\$325,140.48
38	Document Control Coordinator (FO)	0	0	0	0	168	176	160	184	168	168	160	160	\$34.16	\$91.81	1,344	\$123,390.81
66		0	0	0	0	0	0	0	0	0	0	0	0	\$34.16		0	\$0.00
37	CPM Scheduler	0	0	0	0	84	88	80	92	84	84	80	80	\$53.82	\$161.46	672	\$108,501.12
39	Claims Administrator	0	0	0	0	0	0	0	0	0	0	0	0	\$63.14	\$189.41	0	\$0.00
6	Administrative Assistant (FO)	0	0	0	0	176	160	184	168	168	160	160	160	\$20.70	\$55.64	1,176	\$65,434.52
4	Project Controls Manager (FO)	0	0	0	0	168	176	160	184	168	168	160	160	\$62.00	\$166.66	1,344	\$223,985.66
																	\$972,647.00
TASK 2 - DESIGN OVERSIGHT																	
7	CDA Design Manager - Sr. Engineer III (FO)	0	0	0	0	168	176	160	184	168	168	160	160	\$62.00	\$166.66	1,344	\$223,985.66
46	Sr. Engineer III - Roadway (FO)	0	0	0	0	168	176	160	184	168	168	160	160	\$56.93	\$153.01	1,344	\$205,651.35
52	Engineer III - Roadway	0	0	0	0	84	176	160	184	168	168	160	160	\$48.65	\$145.94	1,260	\$183,878.10
47	Sr. Engineer III - Structures (FO)	0	0	0	0	168	176	160	184	168	168	160	160	\$56.93	\$153.01	1,344	\$205,651.35
53	Engineer III - Structures	0	0	0	0	84	176	176	176	176	176	176	176	\$48.65	\$145.94	1,316	\$192,050.46
48	Sr. Engineer III - Drainage (FO)	0	0	0	0	168	176	160	184	168	168	160	160	\$56.93	\$153.01	1,344	\$205,651.35
54	Engineer III - Drainage	0	0	0	0	84	176	176	176	176	176	176	176	\$48.65	\$145.94	1,316	\$192,050.46
49	Sr. Engineer III - Traffic (FO)	0	0	0	0	0	0	0	168	168	160	160	160	\$56.93	\$153.01	656	\$100,377.45
22	QA Audit Manager (FO)	0	0	0	0	0	0	96	110	101	101	96	96	\$66.85	\$179.68	600	\$107,810.84
58	Sr. Engineer III - Geotechnical (FO)	0	0	0	0	8	8	8	8	8	8	8	8	\$56.93	\$153.01	64	\$9,792.92
59	Sr. Engineer III - Pavement (FO)	0	0	0	0	42	44	40	46	42	42	40	40	\$60.03	\$161.36	336	\$54,217.18
55	Engineer I - General Engineering Support (FO)	0	0	0	0	168	176	160	184	168	168	160	160	\$28.98	\$77.90	1,344	\$104,695.23
9	Sr. Project Manager	0	0	0	0	0	0	10	10	10	10	10	10	\$60.03	\$180.09	60	\$10,805.40
10	Sr. Engineer IV	0	0	0	0	0	0	20	20	20	20	20	20	\$62.10	\$186.30	120	\$22,356.00
12	Engineer II	0	0	0	0	0	0	80	80	80	80	80	80	\$33.12	\$93.36	480	\$47,592.80
13	Engineer I	0	0	0	0	0	0	80	80	80	80	80	80	\$27.95	\$83.84	480	\$40,240.80
11	Sr. Planner IV	0	0	0	0	0	0	80	80	80	80	80	80	\$65.21	\$195.62	480	\$93,895.20
																	\$2,000,802.58
TASK 3 - CONSTRUCTION OVERSIGHT																	
50	Utility Manager	0	0	0	0	84	88	80	92	84	84	80	80	\$53.82	\$161.46	672	\$108,501.12
51	ROW Sr. Project Manager (ROW Oversight)	0	0	0	0	0	0	0	0	40	40	40	40	\$57.96	\$173.88	160	\$27,820.80
57	Engineer I - Sustainability Coordinator (FO)	0	0	0	0	84	88	80	92	168	168	160	160	\$28.98	\$77.90	1,000	\$77,896.24
3	Construction Senior Advisor (PM)	0	0	0	0	20	20	20	20	168	168	160	160	\$95.22	\$285.66	160	\$45,705.60
14	Construction Manager (FO)	0	0	0	0	84	88	80	184	168	168	160	160	\$56.85	\$152.81	1,092	\$166,871.58
15	Design/Construction Coordinator (FO)	0	0	0	0	126	132	120	138	126	126	120	120	\$66.35	\$178.35	1,008	\$179,775.59
45	Sr. Contracts Administrator/Record Keeper (FO)	0	0	0	0	0	0	0	0	0	168	160	160	\$34.00	\$91.39	488	\$44,599.30
17	Lead Roadway Inspector (FO)	0	0	0	0	0	0	120	135	125	130	120	120	\$47.61	\$127.98	750	\$95,981.76
18	Lead Structures Inspector (FO)	0	0	0	0	0	0	120	135	125	130	120	120	\$39.00	\$104.83	750	\$78,624.00
16	Office Engineer	0	0	0	0	84	88	80	92	84	84	80	80	\$36.00	\$96.77	672	\$65,028.10
19	Survey Manager, RPLS	0	0	0	0	8	8	8	8	8	8	8	8	\$72.45	\$217.35	96	\$12,171.60
44	Independent Assurance Firm	0	0	0	0	0	0	0	0	0	0	0	0			0	\$5,000.00
23	Roadway Inspector (FO)	0	0	0	0	0	0	176	202	185	185	176	176	\$33.12	\$89.03	1,100	\$97,929.22
24	Structures Inspector (FO)	0	0	0	0	0	0	120	135	125	130	120	120	\$42.44	\$114.07	750	\$85,548.96
25	Traffic Control Inspector (FO)	0	0	0	0	0	0	120	135	125	130	120	120	\$36.00	\$96.77	750	\$72,576.00
26	Utility Inspector (FO)	0	0	0	0	0	88	160	184	168	168	160	160	\$41.40	\$111.28	1,088	\$121,076.12
27	SW3P Inspector (FO)	0	0	0	0	84	88	80	184	168	168	160	160	\$41.00	\$110.21	1,092	\$120,347.14
28	Electrical Inspector (FO)	0	0	0	0	0	0	0	0	0	0	0	0	\$40.37	\$108.50	0	\$0.00
29	Inspector (FO)	0	0	0	0	0	0	120	135	125	130	120	120	\$33.12	\$89.03	750	\$66,769.92
30	Inspector (FO)	0	0	0	0	0	0	0	0	125	130	120	120	\$30.00	\$80.64	495	\$39,916.80
31	Inspector (FO)	0	0	0	0	0	0	0	0	0	0	120	120	\$41.00	\$110.21	240	\$26,449.92
32	Inspector (FO)	0	0	0	0	0	0	0	0	0	0	120	120	\$25.00	\$67.20	120	\$8,064.00
33	Inspector (FO)	0	0	0	0	0	0	0	0	0	0	0	0	\$33.12	\$89.03	0	\$0.00
34	Inspector (FO)	0	0	0	0	0	0	0	0	0	0	0	0	\$33.12	\$89.03	0	\$0.00
35	Inspector (FO)	0	0	0	0	0	0	0	0	0	0	0	0	\$33.12	\$89.03	0	\$0.00
20	3-Man Survey Crew (FO)	0	0	0	0	0	0	4	4	4	4	4	4	\$60.00	\$180.00	0	\$0.00
21	3-Man Survey Crew (FO)	0	0	0	0	0	4	4	4	4	4	4	4	\$60.00	\$180.00	28	\$5,040.00
36	Tolls Equipment Inspector	0	0	0	0	0	0	0	0	0	0	0	0	\$42.44	\$114.07	0	\$0.00
																	\$1,551,695.75
TASK 4 - MATERIALS ACCEPTANCE TESTING																	
40	Materials Testing Manager (FO)	0	0	0	0	0	0	0	4	4	4	4	4	\$48.06	\$129.17	20	\$2,583.44
41	Materials/Records QA Rep (FO)	0	0	0	0	42	176	160	184	168	168	160	160	\$67.17	\$180.56	1,218	\$219,918.42
65	Soils & Concrete Testing Lab																\$100,000.00
43	Hot Mix Testing Lab																\$50,000.00
																	\$372,501.86
TASK 5 - ENVIRONMENTAL COMPLIANCE																	
56	Env. Sr. Planner III (Env Oversight)	0	0	0	0	0	44	40	46	42	42	40	40	\$57.96	\$173.88	294	\$51,120.72
60	Sr. Scientist I - HazMat	0	0	0	0	5	5	5	5	5	5	5	5	\$36.23	\$108.68	35	\$3,803.63
61	Sr. Scientist I - Wetlands	0	0	0	0	3	3	3	3	3	3	3	3	\$33.12	\$99.36	21	\$2,086.56
62	Sr. Engineer IV - Air Analysis	0	0	0	0	3	3	3	3	3	3	3	3	\$68.31	\$204.93	21	\$4,303.53
63	Sr. Project Manager - Threatened & Endangered Species	0	0	0	0	5	5	5	5	5	5	5	5	\$53.82	\$161.46	35	\$5,651.10
																	\$66,965.54
TASK 6 - PUBLIC INVOLVEMENT																	
8	Public Involvement Director (Robena Jackson)	0	0	0	0	8	9	8	9	8	8	8	8	\$160.00		67	\$10,752.00
64	Public Involvement Specialist (Jennifer LeBaron)	0	0	0	0	96	101	106	96	110	101	101	96	\$80.00		806	\$64,512.00
	Public Involvement Expenses	0	0	0	0	2,000	500	500	500	500	500	500	500				\$5,500.00
																	\$80,764.00
GEC EXPENSES																	
	Monthly Expenses	\$0	\$0	\$0	\$0	\$2,400	\$2,400	\$2,400	\$2,400	\$2,400	\$2,400	\$2,400	\$2,400				\$19,200.00

Task 1 - Project Management 2011 \$972,647.00
 Task 2 - Design Oversight 2011 \$2,000,802.58
 Task 3 - Construction Oversight 2011 \$1,551,695.75
 Task 4 - Materials Acceptance Testing 2011 \$372,501.86
 Task 5 - Environmental Compliance 2011 \$66,965.54
 Task 6 - Public Involvement 2011 \$80,764.00
 GEC Expenses 2011 \$19,200.00

**Attachment B - Fee Estimate
Manor Expressway - CDA Oversight Estimate
2011 - 2014**

Manor Expressway CDA Project - Project Oversight	Est.	Est.	Est.	Est.	Est.	Est.	Est.	Est.	Est.	Est.	Est.	Est.	Est.	Est.	2012	2012	2012	2012
	Jan-12	Feb-12	Mar-12	Apr-12	May-12	Jun-12	Jul-12	Aug-12 I.C.	Sep-12	Oct-12	Nov-12	Dec-12	Hourly Rate	Burden Rate	Sum Hrs.	Total Dollars		
TASK 1 - PROJECT MANAGEMENT																		
1 GEC Program Manager (PM)	32	32	32	32	32	32	32	32	32	32	32	32	32	32	\$93.15	\$271.07	384	\$104,089.54
64 CDA Senior Advisor (PM)	32	32	32	32	32	32	32	32	32	32	32	32	32	32	\$64.17	\$192.51	384	\$73,923.84
2 CDA Project Manager (PM) (FO)	160	160	184	160	168	176	160	184	168	168	160	160	160	160	\$93.15	\$250.39	2,008	\$502,777.50
38 Document Control Coordinator (FO)	160	160	184	160	168	176	160	184	168	168	160	160	160	160	\$35.35	\$95.02	2,008	\$190,604.06
66	0	0	0	0	0	0	0	0	0	0	0	0	0	0			0	\$0.00
37 CPM Scheduler	80	80	92	80	84	88	80	92	84	84	80	80	80	80	\$55.70	\$167.11	1,004	\$167,779.54
39 Claims Administrator	10	10	10	10	10	10	10	10	10	10	10	10	10	10	\$65.34	\$196.03	120	\$23,524.10
6 Administrative Assistant (FO)	160	160	184	160	168	176	160	184	168	168	160	160	160	160	\$21.42	\$57.59	2,008	\$115,638.82
4 Project Controls Manager (FO)	160	160	184	160	168	176	160	184	168	168	160	160	160	\$64.17	\$172.49	2,008	\$346,357.83	
																		\$1,524,895.24
TASK 2 - DESIGN OVERSIGHT																		
7 CDA Design Manager - Sr. Engineer III (FO)	160	160	184	160	168	176	160	184	168	168	160	160	160	\$64.17	\$172.49	2,008	\$346,357.83	
46 Sr. Engineer III - Roadway (FO)	160	160	184	160	168	88	80	92	42	42	20	20	20	\$58.92	\$158.37	1,216	\$192,577.80	
52 Engineer III - Roadway	160	160	0	0	0	0	0	0	0	0	0	0	0	\$50.35	\$151.04	320	\$48,333.67	
47 Sr. Engineer III - Structures (FO)	160	160	184	160	168	88	20	20	20	20	20	20	20	\$58.92	\$158.37	1,040	\$164,704.70	
53 Engineer III - Structures	160	160	0	0	0	0	0	0	0	0	0	0	0	\$50.35	\$151.04	320	\$48,333.67	
48 Sr. Engineer III - Drainage (FO)	160	160	184	160	168	88	20	20	20	20	20	20	20	\$58.92	\$158.37	1,040	\$164,704.70	
54 Engineer III - Drainage	160	160	0	0	0	0	0	0	0	0	0	0	0	\$50.35	\$151.04	320	\$48,333.67	
49 Sr. Engineer III - Traffic (FO)	160	160	0	0	0	0	0	0	0	0	0	0	0	\$58.92	\$158.37	320	\$50,878.37	
22 QA Audit Manager (FO)	96	96	110	96	101	106	96	110	101	101	96	96	96	\$69.19	\$185.97	1,205	\$224,061.12	
58 Sr. Engineer III - Geotechnical (FO)	8	8	8	8	8	8	8	8	8	8	8	8	8	\$58.92	\$158.37	96	\$15,203.51	
59 Sr. Engineer III - Pavement (FO)	40	40	46	40	42	44	40	46	42	0	0	0	0	\$62.13	\$167.01	380	\$63,463.14	
55 Engineer I - General Engineering Support (FO)	160	160	184	160	168	176	160	184	168	168	160	160	160	\$29.99	\$80.62	2,008	\$161,894.35	
9 Sr. Project Manager	10	10	10	10	10	10	10	10	10	10	10	10	10	\$62.13	\$186.39	120	\$22,367.18	
10 Sr. Engineer IV	20	20	20	20	20	20	20	20	20	20	20	20	20	\$64.27	\$192.82	240	\$46,276.92	
8 Engineer II	80	80	80	80	80	80	80	80	80	80	80	80	80	\$34.28	\$102.84	960	\$38,724.10	
15 Engineer I	80	80	80	80	80	80	80	80	80	80	80	80	80	\$28.92	\$86.77	960	\$83,298.46	
11 Sr. Planner IV	40	40	46	40	42	44	40	46	42	42	40	40	40	\$67.49	\$202.46	502	\$101,635.69	
																		\$1,880,948.88
TASK 3 - CONSTRUCTION OVERSIGHT																		
50 Utility Manager	80	80	92	80	20	20	20	20	20	20	20	20	20	\$55.70	\$167.11	492	\$82,218.66	
51 ROW Sr. Project Manager (ROW Oversight)	40	40	40	40	40	40	40	40	40	40	40	40	40	\$59.99	\$179.97	480	\$86,383.58	
57 Engineer I - Sustainability Coordinator (FO)	160	160	184	160	168	176	160	184	168	168	160	160	160	\$29.99	\$80.62	2,008	\$161,894.35	
3 Construction Senior Advisor (PM)	20	20	20	20	20	20	20	20	20	20	20	20	20	\$58.92	\$158.37	240	\$70,857.84	
14 Construction Manager (FO)	160	160	184	160	168	176	160	184	168	168	160	160	160	\$58.84	\$158.16	2,008	\$317,587.79	
15 Design/Construction Coordinator (FO)	120	120	138	120	126	132	120	138	126	126	120	120	120	\$68.67	\$184.59	1,506	\$277,994.06	
45 Sr. Contracts Administrator/Record Keeper (FO)	160	160	184	160	168	176	160	184	168	168	160	160	160	\$35.19	\$94.59	2,008	\$189,938.17	
17 Lead Roadway Inspector (FO)	160	160	184	160	168	176	160	184	168	168	160	160	160	\$49.28	\$132.45	2,008	\$265,969.30	
18 Lead Structures Inspector (FO)	160	160	184	160	168	176	160	184	168	168	160	160	160	\$40.37	\$109.50	2,008	\$217,870.25	
16 Office Engineer	160	160	184	160	168	176	160	184	168	168	160	160	160	\$37.26	\$100.15	2,008	\$201,111.00	
19 Survey Manager, RPLS	8	8	8	8	8	8	8	8	8	8	8	8	8	\$74.99	\$224.96	96	\$21,995.90	
44 Independent Assurance Firm	0	0	0	0	0	0	0	0	0	0	0	0	0			0	\$5,000.00	
23 Roadway Inspector (FO)	176	176	202	176	185	194	176	202	185	185	176	176	176	\$34.28	\$92.14	2,209	\$203,524.33	
24 Structures Inspector (FO)	160	160	184	160	168	176	160	184	168	168	160	160	160	\$43.92	\$118.06	2,008	\$237,059.59	
25 Traffic Control Inspector (FO)	160	160	184	160	168	176	160	184	168	168	160	160	160	\$37.26	\$100.15	2,008	\$201,111.00	
26 Utility Inspector (FO)	160	160	184	160	168	176	160	0	0	0	0	0	0	\$42.85	\$115.18	1,168	\$134,528.03	
27 SW3P Inspector (FO)	160	160	184	160	168	176	160	184	168	168	160	160	160	\$42.44	\$114.07	2,008	\$229,043.08	
28 Electrical Inspector (FO)	80	80	92	80	84	88	80	92	84	84	80	80	80	\$41.78	\$112.30	1,424	\$159,913.29	
29 Inspector (FO)	160	160	184	160	168	176	160	184	168	168	160	160	160	\$33.12	\$89.03	2,008	\$178,765.33	
30 Inspector (FO)	160	160	184	160	168	176	160	184	168	168	160	160	160	\$33.12	\$89.03	2,008	\$178,765.33	
31 Inspector (FO)	160	160	184	160	168	176	160	184	168	168	160	160	160	\$33.12	\$89.03	2,008	\$178,765.33	
32 Inspector (FO)	160	160	184	160	168	176	160	184	168	168	160	160	160	\$33.12	\$89.03	2,008	\$178,765.33	
33 Inspector (FO)	160	160	184	160	168	176	160	184	168	168	160	160	160	\$33.12	\$89.03	2,008	\$178,765.33	
34 Inspector (FO)	160	160	184	160	168	176	160	184	168	168	160	160	160	\$33.12	\$89.03	2,008	\$178,765.33	
35 Inspector (FO)	0	0	0	0	0	0	0	184	168	168	160	160	160	\$33.12	\$89.03	840	\$74,782.31	
20 3-Man Survey Crew (FO)	8	8	8	8	8	8	8	8	8	8	8	8	8	\$60.00	\$180.00	96	\$17,880.00	
21 3-Man Survey Crew (FO)	4	4	4	4	4	4	4	4	4	4	4	4	4	\$60.00	\$180.00	48	\$8,640.00	
36 Tools Equipment Inspector	0	0	0	160	168	176	160	184	168	0	0	0	0	\$43.92	\$118.06	1,016	\$119,946.49	
																		\$4,356,941.11
TASK 4 - MATERIALS ACCEPTANCE TESTING																		
40 Materials Testing Manager (FO)	4	4	4	4	4	4	4	4	4	4	4	4	4	\$49.74	\$133.69	48	\$6,417.26	
41 Materials/Records QA Rep (FO)	160	160	184	160	168	176	160	184	168	168	160	160	160	\$69.52	\$186.88	2,008	\$375,247.99	
65 Soils & Concrete Testing Lab																		\$300,000.00
43 Hot Mix Testing Lab																		\$75,000.00
																		\$756,665.25
TASK 5 - ENVIRONMENTAL COMPLIANCE																		
56 Env. Sr. Planner III (Env Oversight)	40	40	46	40	42	44	40	46	42	42	40	40	40	\$59.99	\$179.97	502	\$90,342.83	
60 Sr. Scientist I - HazMat	5	5	5	5	5	5	5	5	5	5	5	5	5	\$37.49	\$112.48	60	\$6,748.72	
61 Sr. Scientist I - Wetlands	3	3	3	3	3	3	3	3	3	3	3	3	3	\$34.28	\$102.84	36	\$3,702.15	
62 Sr. Engineer IV - Air Analysis	3	3	3	3	3	3	3	3	3	3	3	3	3	\$70.70	\$212.10	36	\$7,635.69	
63 Sr. Project Manager - Threatened & Endangered Species	5	5	5	5	5	5	5	5	5	5	5	5	5	\$55.70	\$167.11	60	\$10,026.67	
																		\$118,456.06
TASK 6 - PUBLIC INVOLVEMENT																		
8 Public Involvement Director (Robena Jackson)	8	8	9	8	8	9	8	9	8	8	8	8	8		\$160.00	100	\$16,064.00	
64 Public Involvement Specialist (Jennifer LeBaron)	96	96	110	96	101	106	96	110	101	101	96	96	96		\$80.00	1,205	\$96,384.00	
Public Involvement Expenses	\$500	\$500	\$500	\$500	\$500	\$500	\$500	\$500	\$500	\$500	\$500	\$500	\$500				\$6,000.00	
																		\$118,448.00
GEC EXPENSES																		
Monthly Expenses	\$2,400	\$2,400	\$2,400	\$2,400	\$2,400	\$2,400	\$2,400	\$2,400	\$2,400	\$2,400	\$2,400	\$2,400	\$2,400					\$28,800.00

Task 1 - Project Management 2012 \$1,524,895.24
 Task 2 - Design Oversight 2012 \$1,880,948.88
 Task 3 - Construction Oversight 2012 \$4,356,941.11
 Task 4 - Material Acceptance Testing 2012 \$756,665.25
 Task 5 - Environmental Compliance 2012 \$118,456.06
 Task 6 - Public Involvement 2012 \$118,448.00
 GEC Expenses 2012 \$28,800.00

**Attachment B - Fee Estimate
Manor Expressway - CDA Oversight Estimate
2011 - 2014**

Manor Expressway CDA Project - Project Oversight	Est.	Est.	Est.	Est.	Est.	Est.	Est.	Est.	Est.	Est.	Est.	Est.	Est.	Est.	2013	2013	2013	2013	
	Jan-13	Feb-13	Mar-13	Apr-13	May-13	Jun-13	Jul-13	Aug-13	Sep-13	Oct-13	Nov-13	Dec-13	Hourly Rate	Burden Rate	Sum Hrs.	Total Dollars			
TASK 1 - PROJECT MANAGEMENT																			
1 GEC Program Manager (PM)	32	32	32	32	32	32	32	32	32	32	32	32	32	32	\$96.41	\$271.07	384	\$104,089.54	
64 CDA Senior Advisor (PM)	32	32	32	32	32	32	32	32	32	32	32	32	32	32	\$66.42	\$192.51	384	\$73,923.84	
2 CDA Project Manager (PM) (FO)	160	160	184	160	168	176	160	184	168	168	160	160	160	160	\$96.41	\$250.39	2,008	\$502,777.50	
38 Document Control Coordinator (FO)	160	160	184	160	168	176	160	184	168	168	160	160	160	160	\$36.59	\$95.02	2,008	\$190,804.06	
66	0	0	0	0	0	0	0	0	0	0	0	0	0	\$36.59		0	\$0.00		
37 CPM Scheduler	80	80	92	80	84	88	80	92	84	84	80	80	80	80	\$57.65	\$167.11	1,004	\$167,779.54	
39 Claims Administrator	10	10	10	10	10	10	10	10	10	10	10	10	10	\$67.63	\$196.03	120	\$23,524.10		
6 Administrative Assistant (FO)	160	160	184	160	168	176	160	184	168	168	160	160	160	\$22.17	\$57.59	2,008	\$115,638.82		
4 Project Controls Manager (FO)	160	160	184	160	168	176	160	184	168	84	80	80		\$66.42	\$172.49	1,764	\$304,270.53		
																		\$1,482,807.93	
TASK 2 - DESIGN OVERSIGHT																			
7 CDA Design Manager - Sr. Engineer III (FO)	80	80	92	40	42	44	20	20	20	20	20	20	20	20	\$66.42	\$172.49	498	\$85,899.50	
46 Sr. Engineer III - Roadway (FO)	20	20	20	20	20	20	20	20	20	20	20	20	20	20	\$60.98	\$158.37	240	\$38,008.78	
52 Engineer III - Roadway	0	0	0	0	0	0	0	0	0	0	0	0	0	\$52.11	\$151.04	0	\$0.00		
47 Sr. Engineer III - Structures (FO)	20	20	20	20	20	20	20	20	20	20	20	20	20	\$60.98	\$158.37	200	\$31,673.98		
53 Engineer III - Structures	0	0	0	0	0	0	0	0	0	0	0	0	0	\$52.11	\$151.04	0	\$0.00		
48 Sr. Engineer III - Drainage (FO)	20	20	20	20	20	20	20	20	20	20	20	20	20	\$60.98	\$158.37	160	\$25,339.18		
54 Engineer III - Drainage	0	0	0	0	0	0	0	0	0	0	0	0	0	\$52.11	\$151.04	0	\$0.00		
49 Sr. Engineer III - Traffic (FO)	80	80	80	80	80	80	80	80	80	80	80	80	80	\$60.98	\$158.37	0	\$0.00		
22 QA Audit Manager (FO)	96	96	110	96	101	106	96	110	101	101	96	96	96	\$71.81	\$185.97	1,205	\$224,061.12		
58 Sr. Engineer III - Geotechnical (FO)	8	8	8	8	8	8	8	8	8	8	8	8	8	\$60.98	\$158.37	96	\$15,203.51		
59 Sr. Engineer III - Pavement (FO)	0	0	0	0	0	0	0	0	0	0	0	0	0	\$64.31	\$167.01	0	\$0.00		
55 Engineer I - General Engineering Support (FO)	0	0	0	0	0	0	0	0	0	0	0	0	0	\$31.04	\$80.62	0	\$0.00		
9 Sr. Project Manager	10	10	10	10	10	10	10	40	46	42	42	40	40	\$64.31	\$186.39	310	\$57,781.88		
10 Sr. Engineer IV	20	20	20	20	20	20	20	46	42	42	42	40	40	\$66.52	\$192.82	370	\$71,343.59		
8 Engineer II	80	80	80	80	80	80	80	46	42	42	40	40	40	\$35.48	\$102.84	730	\$75,071.45		
15 Engineer I	80	80	80	80	80	80	80	46	42	42	40	40	40	\$29.94	\$86.77	730	\$63,341.53		
11 Sr. Planner IV	40	40	46	40	42	44	40	46	42	42	40	40		\$69.85	\$202.46	502	\$101,635.69		
																		\$789,360.20	
TASK 3 - CONSTRUCTION OVERSIGHT																			
50 Utility Manager	20	20	20	20	20	20	20	20	20	20	20	20	20	20	\$57.65	\$167.11	200	\$33,422.22	
51 ROW Sr. Project Manager (ROW Oversight)	40	40	40	40	40	40	40	0	0	0	0	0	0	\$62.09	\$179.97	240	\$43,191.79		
57 Engineer I - Sustainability Coordinator (FO)	160	160	184	160	168	176	160	184	168	168	160	160	160	\$31.04	\$80.62	2,008	\$161,894.35		
3 Construction Senior Advisor (PM)	20	20	20	20	20	20	20	20	20	20	20	20	20	\$102.84	\$295.66	240	\$70,857.84		
14 Construction Manager (FO)	160	160	184	160	168	176	160	184	168	168	160	160	160	\$60.90	\$158.16	2,008	\$317,587.79		
15 Design/Construction Coordinator (FO)	120	120	138	120	126	132	120	138	126	126	120	120	120	\$71.08	\$184.59	1,506	\$277,994.06		
45 Sr. Contracts Administrator/Record Keeper (FO)	160	160	184	160	168	176	160	184	168	168	160	160	160	\$36.42	\$94.59	2,008	\$189,938.17		
17 Lead Roadway Inspector (FO)	160	160	184	160	168	176	160	184	168	168	160	160	160	\$51.00	\$132.45	2,008	\$265,969.30		
18 Lead Structures Inspector (FO)	160	160	184	160	168	176	160	184	168	168	160	160	160	\$41.78	\$108.50	2,008	\$217,870.25		
16 Office Engineer	160	160	184	160	168	176	160	184	168	168	160	160	160	\$38.56	\$100.15	2,008	\$201,111.00		
19 Survey Manager, RPLS	8	8	8	8	8	8	8	8	8	8	8	8	8	\$77.81	\$224.96	96	\$21,595.90		
44 Independent Assurance Firm	0	0	0	0	0	0	0	0	0	0	0	0	0			0	\$5,000.00		
23 Roadway Inspector (FO)	176	176	202	176	185	194	176	202	185	185	176	176	176	\$35.48	\$92.14	2,209	\$203,524.33		
24 Structures Inspector (FO)	160	160	184	160	168	176	160	184	168	168	0	0	0	\$45.46	\$118.06	1,688	\$199,281.17		
25 Traffic Control Inspector (FO)	160	160	184	160	168	176	160	184	168	168	160	160	160	\$38.56	\$100.15	2,008	\$201,111.00		
26 Utility Inspector (FO)	0	0	0	0	0	0	0	0	0	0	0	0	0	\$44.35	\$115.18	0	\$0.00		
27 SW3P Inspector (FO)	160	160	184	160	168	176	160	184	168	168	160	160	160	\$43.92	\$114.07	2,008	\$229,043.98		
28 Electrical Inspector (FO)	160	160	184	160	168	176	160	184	168	168	160	160	160	\$43.24	\$112.30	2,008	\$225,095.71		
29 Inspector (FO)	160	160	184	160	168	176	160	184	168	168	160	160	160	\$34.28	\$89.03	2,008	\$178,765.33		
30 Inspector (FO)	160	160	184	160	168	176	160	184	168	168	160	160	160	\$34.28	\$89.03	2,008	\$178,765.33		
31 Inspector (FO)	160	160	184	160	168	176	160	184	168	168	160	160	160	\$34.28	\$89.03	2,008	\$178,765.33		
32 Inspector (FO)	160	160	184	160	168	176	160	184	168	168	0	0	0	\$34.28	\$89.03	1,688	\$150,276.83		
33 Inspector (FO)	160	160	184	160	168	176	160	184	168	0	0	0	0	\$34.28	\$89.03	1,520	\$135,320.37		
34 Inspector (FO)	160	160	184	160	168	176	160	184	0	0	0	0	0	\$34.28	\$89.03	1,352	\$120,363.91		
35 Inspector (FO)	160	160	184	160	168	0	0	0	0	0	0	0	0	\$34.28	\$89.03	832	\$74,070.10		
20 3-Man Survey Crew (FO)	8	8	8	8	8	8	8	8	8	8	8	8	8	\$60.00	\$180.00	96	\$17,280.00		
21 3-Man Survey Crew (FO)	4	4	4	4	4	4	4	4	4	4	4	4	4	\$60.00	\$180.00	48	\$8,640.00		
36 Tolls Equipment Inspector	0	0	0	0	0	0	0	184	168	168	160	160	160	\$45.46	\$118.06	840	\$99,168.35		
																		\$4,006,403.61	
TASK 4 - MATERIALS ACCEPTANCE TESTING																			
40 Materials Testing Manager (FO)	4	4	4	4	4	4	4	4	4	4	4	4	4	\$51.48	\$133.69	48	\$6,417.26		
41 Materials/Records QA Rep (FO)	160	160	184	160	168	176	160	184	168	168	160	160	160	\$71.96	\$186.88	2,008	\$375,247.99		
65 Soils & Concrete Testing Lab																		\$300,000.00	
43 Hot Mix Testing Lab																		\$75,000.00	
																		\$756,665.25	
TASK 5 - ENVIRONMENTAL COMPLIANCE																			
56 Env. Sr. Planner III (Env Oversight)	40	40	46	40	42	44	40	46	42	42	40	40	40	\$62.09	\$179.97	502	\$90,342.83		
60 Sr. Scientist I - HazMat	5	5	5	5	5	5	5	5	5	5	5	5	5	\$38.81	\$112.48	60	\$6,748.72		
61 Sr. Scientist I - Wetlands	3	3	3	3	3	3	3	3	3	3	3	3	3	\$35.48	\$102.84	36	\$3,702.15		
62 Sr. Engineer IV - Air Analysis	3	3	3	3	3	3	3	3	3	3	3	3	3	\$73.18	\$212.10	36	\$7,635.69		
63 Sr. Project Manager - Threatened & Endangered Species	5	5	5	5	5	5	5	5	5	5	5	5	5	\$57.65	\$167.11	60	\$10,026.67		
																		\$118,456.06	
TASK 6 - PUBLIC INVOLVEMENT																			
8 Public Involvement Director (Robena Jackson)	8	8	9	8	8	9	8	9	8	8	8	8	8		\$160.00		100	\$16,064.00	
64 Public Involvement Specialist (Jennifer LeBaron)	96	96	110	96	101	106	96	110	101	101	96	96	96		\$80.00		1,205	\$96,384.00	
Public Involvement Expenses	\$500	\$500	\$500																

**Attachment B - Fee Estimate
Manor Expressway - CDA Oversight Estimate
2011 - 2014**

Manor Expressway CDA Project - Project Oversight	Est.	Est.	Est.	Est.	Est.	Est.	Est.	Est.	Est.	Est.	Est.	Est.	Est.	Est.	2014	2014	2014	2014	
	Jan-14	Feb-14	Mar-14	Apr-14	May-14 S.C.	Jun-14	Jul-14	Aug-14	Sep-14 F.A.	Oct-14	Nov-14	Dec-14	Hourly Rate	Burden Rate	Sum Hrs.	Total Dollars			
TASK 1 - PROJECT MANAGEMENT																			
1 GEC Program Manager (PM)	32	32	32	32	32	32	32	0	0	0	0	0	0	0	\$99.78	\$280.55	224	\$62,844.06	
64 CDA Senior Advisor (PM)	32	32	0	0	0	0	0	0	0	0	0	0	0	0	\$68.74	\$199.25	64	\$12,751.86	
2 CDA Project Manager (PM) (FO)	160	160	120	80	80	80	80	0	0	0	0	0	0	0	\$99.78	\$259.15	760	\$196,954.57	
38 Document Control Coordinator (FO)	160	160	184	160	160	176	0	0	0	0	0	0	0	0	\$37.87	\$98.35	1,000	\$98,347.71	
66	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$37.87	\$98.35	0	\$0.00	
37 CPM Scheduler	80	80	92	80	80	0	0	0	0	0	0	0	0	0	\$59.67	\$172.96	412	\$71,259.52	
39 Claims Administrator	10	10	10	10	10	0	0	0	0	0	0	0	0	0	\$70.00	\$202.90	50	\$10,144.77	
6 Administrative Assistant (FO)	160	160	0	0	0	0	0	0	0	0	0	0	0	0	\$22.95	\$59.60	320	\$19,073.50	
4 Project Controls Manager (FO)	80	80	92	80	80	80	80	0	0	0	0	0	0	0	\$68.74	\$178.53	572	\$102,116.91	\$573,492.89
TASK 2 - DESIGN OVERSIGHT																			
7 CDA Design Manager - Sr. Engineer III (FO)	20	20	20	20	20	0	0	0	0	0	0	0	0	0	\$68.74	\$178.53	100	\$17,852.61	
46 Sr. Engineer III - Roadway (FO)	20	20	0	0	0	0	0	0	0	0	0	0	0	0	\$63.11	\$163.91	40	\$6,556.51	
52 Engineer III - Roadway	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$53.93	\$156.33	0	\$0.00	
47 Sr. Engineer III - Structures (FO)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$63.11	\$163.91	0	\$0.00	
53 Engineer III - Structures	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$53.93	\$156.33	0	\$0.00	
48 Sr. Engineer III - Drainage (FO)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$63.11	\$163.91	0	\$0.00	
54 Engineer III - Drainage	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$53.93	\$156.33	0	\$0.00	
49 Sr. Engineer III - Traffic (FO)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$63.11	\$163.91	0	\$0.00	
22 QA Audit Manager (FO)	96	96	110	96	90	0	0	0	0	0	0	0	0	0	\$74.11	\$192.48	488	\$94,008.59	
58 Sr. Engineer III - Geotechnical (FO)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$63.11	\$163.91	0	\$0.00	
59 Sr. Engineer III - Pavement (FO)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$66.56	\$172.85	0	\$0.00	
55 Engineer I - General Engineering Support (FO)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$32.13	\$83.45	0	\$0.00	
9 Sr. Project Manager	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$66.56	\$192.92	0	\$0.00	
10 Sr. Engineer IV	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$68.85	\$198.57	0	\$0.00	
12 Engineer II	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$36.72	\$106.44	0	\$0.00	
13 Engineer I	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$30.98	\$89.81	0	\$0.00	
11 Sr. Planner IV	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$72.29	\$209.55	0	\$0.00	\$118,417.71
TASK 3 - CONSTRUCTION OVERSIGHT																			
50 Utility Manager	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$59.67	\$172.96	0	\$0.00	
51 ROW Sr. Project Manager (ROW Oversight)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$64.26	\$186.26	0	\$0.00	
57 Engineer I - Sustainability Coordinator (FO)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$32.13	\$83.45	0	\$0.00	
3 Construction Senior Advisor (PM)	20	20	20	20	20	0	0	0	0	0	0	0	0	0	\$196.57	\$506.01	100	\$30,600.61	
14 Construction Manager (FO)	160	80	92	80	84	0	0	0	0	0	0	0	0	0	\$63.03	\$163.70	496	\$81,193.66	
15 Design/Construction Coordinator (FO)	120	80	92	80	84	0	0	0	0	0	0	0	0	0	\$73.56	\$191.05	456	\$87,119.57	
45 Sr. Contracts Administrator/Record Keeper (FO)	160	160	184	0	0	0	0	0	0	0	0	0	0	0	\$37.70	\$97.90	504	\$49,342.30	
17 Lead Roadway Inspector (FO)	160	160	184	160	168	0	0	0	0	0	0	0	0	0	\$52.79	\$137.09	832	\$114,059.50	
18 Lead Structures Inspector (FO)	160	160	184	160	168	0	0	0	0	0	0	0	0	0	\$43.24	\$112.30	832	\$93,432.48	
16 Office Engineer	160	160	184	160	168	0	0	0	0	0	0	0	0	0	\$39.91	\$103.66	832	\$86,245.37	
19 Survey Manager, RPLS	8	8	8	8	8	0	0	0	0	0	0	0	0	0	\$80.33	\$232.83	40	\$9,313.23	
44 Independent Assurance Firm	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$5,000.00	
23 Roadway Inspector (FO)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$36.72	\$95.37	0	\$0.00	
24 Structures Inspector (FO)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$47.05	\$122.19	0	\$0.00	
25 Traffic Control Inspector (FO)	160	160	184	160	168	0	0	0	0	0	0	0	0	0	\$39.91	\$103.66	832	\$86,245.37	
26 Utility Inspector (FO)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$45.90	\$119.21	0	\$0.00	
27 SWSP Inspector (FO)	160	160	184	160	168	0	0	0	0	0	0	0	0	0	\$45.46	\$118.06	832	\$98,223.89	
28 Electrical Inspector (FO)	160	160	184	160	168	0	0	0	0	0	0	0	0	0	\$44.75	\$116.23	832	\$96,702.62	
29 Inspector (FO)	250	240	270	240	250	0	0	0	0	0	0	0	0	0	\$35.48	\$92.14	1,250	\$115,178.11	
30 Inspector (FO)	250	240	270	120	125	0	0	0	0	0	0	0	0	0	\$35.48	\$92.14	1,005	\$92,603.20	
31 Inspector (FO)	250	240	270	0	0	0	0	0	0	0	0	0	0	0	\$35.48	\$92.14	760	\$70,028.29	
32 Inspector (FO)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$35.48	\$92.14	0	\$0.00	
33 Inspector (FO)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$35.48	\$92.14	0	\$0.00	
34 Inspector (FO)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$35.48	\$92.14	0	\$0.00	
35 Inspector (FO)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$35.48	\$92.14	0	\$0.00	
20 3-Man Survey Crew (FO)	8	8	8	8	8	0	0	0	0	0	0	0	0	0	\$60.00	\$180.00	40	\$7,200.00	
21 3-Man Survey Crew (FO)	4	4	4	4	4	0	0	0	0	0	0	0	0	0	\$60.00	\$180.00	20	\$3,600.00	
36 Tolls Equipment Inspector	160	0	0	0	0	0	0	0	0	0	0	0	0	0	\$47.05	\$122.19	160	\$19,550.33	\$1,145,638.56
TASK 4 - MATERIALS ACCEPTANCE TESTING																			
40 Materials Testing Manager (FO)	4	4	4	4	4	0	0	0	0	0	0	0	0	0	\$53.28	\$138.37	20	\$2,767.44	
41 Materials/Records QA Rep (FO)	160	160	184	0	0	0	0	0	0	0	0	0	0	0	\$74.47	\$193.42	504	\$97,482.25	
65 Soils & Concrete Testing Lab																			\$100,000.00
43 Hot Mix Testing Lab																			\$50,000.00
TASK 5 - ENVIRONMENTAL COMPLIANCE																			
56 Env. Sr. Planner III (Env Oversight)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$64.26	\$186.26	0	\$0.00	
60 Sr. Scientist I - HazMat	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$40.16	\$116.42	0	\$0.00	
61 Sr. Scientist I - Wetlands	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$36.72	\$106.44	0	\$0.00	
62 Sr. Engineer IV - Air Analysis	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$75.74	\$219.53	0	\$0.00	
63 Sr. Project Manager - Threatened & Endangered Species	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$59.67	\$172.96	0	\$0.00	\$0.00
TASK 6 - PUBLIC INVOLVEMENT																			
8 Public Involvement Director (Robena Jackson)	8	8	9	8	8	0	0	0	0	0	0	0	0	0	\$0.00	\$160.00	42	\$6,656.00	
64 Public Involvement Specialist (Jennifer LeBaron)	96	96	110	96	101	0	0	0	0	0	0	0	0	0	\$0.00	\$80.00	499	\$39,936.00	
Public Involvement Expenses	500	500	500	500	500	0	0	0	0	0	0	0	0	0					\$2,500.00
GEC EXPENSES																			
Monthly Expenses	\$2,400	\$2,400	\$2,400	\$2,400	\$2,400	\$2,400	\$2,400	\$0	\$0	\$0	\$0	\$0	\$0	\$0					\$16,800.00

Task 1 - Project Management 2014 \$573,492.89
 Task 2 - Design Oversight 2014 \$118,417.71
 Task 3 - Construction Oversight 2014 \$1,145,638.56
 Task 4 - Material Acceptance Testing 2014 \$250,249.70
 Task 5 - Environmental Compliance 2014 \$0.00
 Task 6 - Public Involvement 2014 \$49,092.00
 GEC Expenses 2014 \$16,800.00

Project Totals

\$4,553,843.06
 \$4,789,529.35
 \$11,060,679.04
 \$2,136,082.05
 \$303,877.66
 \$36

**Attachment B - Fee Estimate
Manor Expressway - CDA Oversight Estimate
2011 - 2014**

CDA Oversight Expenses		
<u>Expense</u>	<u>Monthly Amount</u>	<u>Comments</u>
Mileage	\$ 1,000.00	5 people at 100 miles/week each (\$0.50/mile)
Parking	\$ 400.00	5 people at \$20/week each
Scanner	\$ 500.00	Assume \$500/month lease
Document Control Software	\$ -	Assume McLaren software will be used
Office Supplies	\$ 500.00	Assume \$500/month
Total Monthly Expenses	\$ 2,400.00	