



September 2, 2010

Mr. Doug Bradshaw  
Senior Project Manager  
City of Key West  
3140 Flagler Avenue  
Key West, FL 33040

**RE: City of Key West RFQ 10-009 - Carrying Capacity Traffic Study**  
CGA Proposal No. 10-3538

Dear Mr. Bradshaw,

We are pleased to submit this proposal for Professional Services on the above referenced project located in the County of Monroe. The Key West Carrying Capacity Traffic Study will provide a detailed assessment of the existing roadway utilization and maximum potential roadway carrying capacity throughout Key West, as outlined in the following scope of services. Carrying capacities will be identified for specialized vehicles such as tour vehicles, pedi-cabs, electric cars, mopeds, bicycles, buses and delivery trucks in addition to automobiles and pedestrians. The final report will quantify the ramifications of increasing or decreasing various modes of transportation in Key West.

**I. Professional Engineering Services**

**A. Traffic Engineering**

**1. DATA COLLECTION**

- **REVIEW OF EXISTING STUDIES AND TRAFFIC DATA**
  - CGA will review available traffic studies and traffic data as part of an initial intersection and roadway corridor congestion assessment.

Building Code Services  
Code Enforcement  
Construction Engineering &  
Inspection  
Construction Services  
Contract Government  
Data Technologies &  
Development  
Emergency Management  
Services  
Engineering  
Governmental Services  
Indoor Air Quality  
Landscape Architecture &  
Environmental Services  
Municipal Engineering  
Planning  
Public Administration  
Redevelopment & Urban  
Design  
Surveying & Mapping  
Transportation Planning &  
Traffic Engineering  
Utility & Community  
Maintenance Services

1800 Eller Drive, Suite 600  
Fort Lauderdale, FL 33316  
Phone: 954.921.7781  
Fax: 954.921.8807

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- DELIVERABLE: CGA will provide a summary document of relevant available traffic data as it pertains to the Carrying Capacity Traffic Study.
- MULTI-MODAL UTILIZATION ASSESSMENT
  - CGA will compile available ridership information for existing public transit routes as well as public parking facility utilization within the City of Key West.
  - DELIVERABLE: CGA will provide a summary document of relevant available transit ridership statistics and public parking garage utilization rates.
- INTERSECTION VEHICLE CLASSIFICATION COUNTS
  - CGA will conduct morning and evening peak-hour vehicle classification/traffic turning movement and pedestrian counts at up to twenty-five (25) primary intersections throughout the study area. The location of these traffic counts will be determined through an initial scoping meeting with City staff and after a review of currently available traffic count data is complete. The traffic counts will include identification of vehicle types such as passenger cars, trucks, pedi-cabs, scooters, tour vehicles/buses, electric cars and bicycles.
  - DELIVERABLE: CGA will provide hardcopies of the peak-hour traffic count data collected.
- 24-HOUR TRAFFIC VOLUME COUNTS
  - CGA will conduct 24-hour traffic counts on fifteen (15) primary corridors throughout the study area. The fifteen (15) corridors analyzed will be determined through an initial scoping meeting with City staff, however they will likely include Duval Street, Eaton Street, First Street, Flagler Avenue, Fleming Street, Front Street, Palm Avenue, Roosevelt Boulevard, Simonton Street, South Street, Southard Street, Truman Avenue, United Street, White Street and Whitehead Street.

- DELIVERABLE: CGA will provide hardcopies of the 24-hour count data collected.
- SEASONAL TRAFFIC VOLUME CALIBRATION COUNTS
  - CGA will conduct 24-hour traffic counts on each of the aforementioned fifteen (15) primary corridors on two additional occasions. This will help to identify peak and off-peak seasonal fluctuations in traffic volumes and provide a means to calibrate collected traffic data.
  - DELIVERABLE: CGA will provide hardcopies of additional 24-hour traffic count data collected during seasonal peak and off peak periods.
- NOISE ASSESSMENT
  - CGA will provide field measurements of decibel levels associated with vehicles such as trucks, buses/trolleys, electric cars and scooters.
  - DELIVERABLE: CGA will provide hardcopies of collected field measurements.
- ROADWAY CORRIDOR CONGESTION ANALYSIS - TRAVEL TIME DELAY/TRAVEL SPEED
  - CGA will conduct travel time delay runs for each of the aforementioned fifteen (15) primary corridors throughout the study area for the below listed conditions. The travel time delay runs will identify travel speeds and vehicular delay along primary corridors which will provide an understanding of the existing level of roadway congestion.
  - Baseline Traffic: Travel time delay runs will be conducted during low traffic volume periods to establish the existing optimal corridor operations. The baseline analysis will identify how well each corridor can operate when there is minimal influence from both traditional traffic and specialized vehicles.

- Peak Traffic: Travel time delay runs will be conducted during peak traffic periods to determine how well roadway corridors function under high traffic volume conditions.
- Event Traffic: Travel time delay runs will be conducted when specialized vehicles, such as tour buses/trolleys, pedi-cabs, electric cars and scooters are present to determine their effect on corridor capacities.
- DELIVERABLE: CGA will provide hardcopies of completed travel time delay runs.
- GREENHOUSE GAS EMISSIONS
  - CGA will provide greenhouse gas emission data associated with each of the aforementioned travel time delay runs.
  - DELIVERABLE: CGA will provide documentation of greenhouse gas emissions associated with the aforementioned travel time delay runs.

## 2. YEAR 2020 PLANNING HORIZON BACKGROUND TRAFFIC PROJECTIONS

- CGA will develop a future trip generation analysis for the ten year planning horizon of Year 2020. Future land use assumptions will be coordinated with city staff and will form the basis for future trip generation calculations. Traffic Analysis Zones (TAZ's) will be established to illustrate the general distribution of future traffic volumes and likely roadway corridor usage throughout the study area.
- DELIVERABLE: CGA will provide a trip generation table associated with Year 2020 land use assumptions.

## 3. COMPUTER MODEL SIMULATIONS OF EXISTING AND FUTURE TRAFFIC CONDITIONS

- CGA will develop a microscopic traffic simulation for the aforementioned 25 intersections and 15 corridors under consideration. In addition, the simulation model will include intersections for which there is readily available traffic count data (if deemed relevant after review with city staff). Traffic simulations will be conducted under the previously identified baseline, peak-hour and event conditions. Characteristics for traditional traffic as well as specialized vehicles will be incorporated into the traffic simulation model, as well as physical limiting factors such as narrow streets.
- DELIVERABLE: CGA will provide a technical memorandum summarizing the output and performance measures of the computer model simulations.

#### 4. ALTERNATIVES ANALYSIS - ROADWAY CARRYING CAPACITIES

- CGA will develop an alternatives analysis to determine the carrying capacities of the roadway network identified in the traffic simulation model. Performance measures will include travel speeds, travel delays, and traffic volumes as well as quality of life issues such as noise, greenhouse gas emissions, availability of multi-modal facilities and multi-modal interconnectivity. Volumes for various modes of transportation will be incrementally increased within the overall traffic simulation model in order to determine the threshold at which intersection and/or corridor performance begins to deteriorate. This will help to identify the capacity of the city's roadway network and how that capacity would be affected by increases or decreases in the volume of traditional vehicles, specialized vehicles and pedestrians. Congestion management strategies will include opportunities to improve multi-modal interconnectivity and utilization.
- DELIVERABLE: CGA will provide a technical memorandum summarizing the alternatives analysis.

#### 5. MEETINGS, PRESENTATIONS AND WORKSHOPS

- PUBLIC OPEN HOUSE - PROJECT KICK-OFF

- CGA will conduct an initial project kick-off meeting/open house to introduce the project to the public. We will provide presentation graphics and staff the open house for up to eight (8) hours so that members of the public can attend at their convenience. CGA staff members will present the proposed study methodology and address questions and concerns in an open house setting.
- PUBLIC WORKSHOP - COMMUNITY VALUES
  - CGA team members will conduct a public workshop to identify community values related to mobility and congestion management. The workshop will provide residents and stakeholders an opportunity to weigh in on transportation performance measures that will ultimately define acceptable roadway capacities within the study area.
- CITY COMMISSION PRESENTATION - PROGRESS REPORT
  - CGA will make a presentation to the City Commission to provide an update on the progress of the project. This presentation will be scheduled at the recommendation of city staff.
- CITY COMMISSION PRESENTATION - FINAL REPORT
  - CGA will make a final presentation to the City Commission demonstrating the findings of the Carrying Capacity Traffic Study.
- MONTHLY PROGRESS MEETINGS WITH CITY STAFF
  - CGA will meet with city staff on a monthly basis throughout the duration of the project to provide progress reports and gain direction and insight from staff members.
- DELIVERABLE: CGA will deliver summary reports for all meetings, presentations and workshops.

## 6. FINAL REPORT

- CGA will prepare a final report detailing the findings of the Carrying Capacity Traffic Study. The report will include an assessment of the city's existing transportation network as well as congestion management strategies for improved mobility. Existing roadway carrying capacities will be identified for vehicles such as tour vehicles, pedi-cabs, electric cars, scooters, bicycles, buses and delivery trucks in addition to automobiles and pedestrians. The final report will summarize the ramifications of increasing or decreasing regulated vehicles and/or non-regulated vehicles on the existing and future transportation network in Key West.
- DELIVERABLE: CGA will deliver 10 hardcopies and 10 CD's of the final report.

#### 7. KEY PROJECT TEAM MEMBERS

- Listed below are the primary CGA team members for the Key West Carrying Capacity Traffic Study. Additional CGA team members will be available, as needed, and are identified in the organization chart included in the CGA Proposal submitted on April 16, 2010.
  - Jeff Maxwell, P.E., PTOE - Director of Traffic Engineering (Director Engineering V)
  - James Spinks, P.E., PTOE - Project Manager (Project Manager IV)
  - Bryan Kelley - Traffic Engineer (Jr. Engineer I)
  - Claudia Russell - Traffic Engineer (Jr. Engineer I)

## **BASIS OF PROPOSAL**

- Any opinion of the construction cost prepared by Calvin, Giordano & Associates, Inc. represents its judgment as a design professional and is supplied for the general guidance of the CLIENT since Calvin, Giordano & Associates, Inc. has no control over the cost of labor and material, or over competitive bidding or market conditions. Calvin, Giordano & Associates, Inc. does not guarantee the accuracy of such opinions as compared to contractor bids or actual cost to the CLIENT.
- Any outside engineering services, studies, or laboratory testing not specifically mentioned in the Scope of Services will be the responsibility of the CLIENT. All municipal, permit, and agency fees as well as Title Certificates will be paid by the CLIENT.
- Basic services outlined within this proposal shall be considered complete when the project plans are submitted to the regulatory agencies for Certification.
- Calvin, Giordano & Associates, Inc. is performing the consultant services set forth in this Agreement strictly as a professional consultant to CLIENT. Nothing contained in this Agreement shall create any contractual relationship between Calvin, Giordano & Associates, Inc. and any contractor or subcontractor performing construction activities on the project, or any of CLIENT's other professional consultants.
- Calvin, Giordano & Associates, Inc. shall not be responsible for the contractor's schedules or failure to carry out the construction in accordance with the construction documents. Calvin, Giordano & Associates, Inc. shall not have control over or charge of acts or omissions of the contractor, subcontractors, or their agents or employees, or of any other persons performing portions of the construction.
- Calvin, Giordano & Associates, Inc. will require that all consultants carry proper insurance, including professional liability insurance, if appropriate.
- Permit construction certification will include one partial and one final inspection.

## **ADDITIONAL FEES**

The following services are NOT included in this proposal and will be considered Additional Services, which will be addressed in a separate contractual agreement. The services include but are not limited to:

- Architectural, structural (i.e., retaining walls, bridges, docks), mechanical (i.e., fire pumps), fire protection, geotechnical and testing, environmental assessment, power, gas, telephone, cable television, site lighting services.
- Calculations for needed fire flow for site demands, based on building type use and size, if required.
- Calculations of off-site flood stages.
- Construction quality control inspections.
- Off-site engineering and negotiations for off-site easements, if required (other than as specified in the Scope of Services).
- Permit application or negotiation with permitting authorities other than those specifically listed herein.
- Preparation of construction contract documents, other than drawings and technical specifications (e.g., bid schedule, project manual);
- Professional land surveying not included in the scope of services (i.e., buried utility investigation, easement research, condominium documents, project stake-out and as-built drawings).
- Professional services required due to conditions different from those itemized under the Scope of Services or due to events beyond the control of Calvin, Giordano & Associates, Inc.
- Professional services required, due to changes in the site plan initiated by the CLIENT, their representatives or other consultants (e.g., architects, landscape architects, etc.) after either design or preparation of the construction drawings has commenced.
- Re-review of rejected shop drawings.
- Review and approval of Contractor pay requests.
- Review of Data supplied by the CLIENT (i.e. GIS data sets, databases, aerial images, etc.) required for integration into this project.
- Review of shop drawings for contractor or Client selected alternatives, materials, products, etc.
- Special shop drawing annotation and modification to expedite shop drawing approval process.
- Updated boundary survey, site evaluation or closing assistance work, unless specified above.

## **REIMBURSABLE EXPENSES**

Calvin, Giordano & Associates, Inc. and its consultants will be reimbursed for the printing of drawings and specifications, deliveries, Federal Express services, required travel time and travel expenses, long distance telephone calls, fax transmittals, postage, fees paid for securing approval of authorities having jurisdiction over the project, renderings, models and mock-ups required by CLIENT, as required. Reimbursable expenses and sub-consultant invoices will be billed directly to the CLIENT at a multiplier of 1.25.

### MEETING ATTENDANCE

Due to the difficulties of predicting the number or duration of meetings, no meetings other than those listed above, are included in the Schedule of Fees shown below. Preparation for and meeting attendance, as necessary, will be provided on a time and materials basis and will be billed at the standard hourly rates in accordance with the attached Hourly Rate Schedule.

### SCHEDULE OF FEES

Calvin, Giordano & Associates, Inc. will perform the Scope of Services for a lump sum fee as shown in the proposed Schedule of Fees:

<b>PROPOSED SCHEDULE OF FEES</b>		
<b>I</b>	<b>Professional Engineering Services</b>	
	<b>A Professional Traffic Engineering Services</b>	<b>\$247,885.00</b>
	Corridor Planning Studies	\$247,885.00
<b>TOTAL</b>		<b>\$247,885.00</b>

### TERMS OF THE AGREEMENT

- Calvin, Giordano & Associates, Inc. agrees to indemnify, hold harmless CLIENT's, its officers, agents, servants, and employees against any and all claims, losses, liabilities, and expenditures of any kind, including attorney fees, any appellate attorney costs, court costs, and expenses, caused by, arising from or related to negligent, omissions or negligence of Calvin, Giordano & Associates, Inc.

- Calvin, Giordano & Associates, Inc. is preparing and providing drawings, plans, specifications and other documents as outlined in the scope of services for this Agreement for use in the construction of this project, based upon design and construction criteria prepared and provided by others, including but not limited to the CLIENT and CLIENT's consultants. Calvin, Giordano & Associates, Inc. is not responsible for any errors and omissions in the aforesaid design and construction criteria provided by others.
- CLIENT agrees to indemnify, hold harmless and, at Calvin, Giordano & Associates, Inc.'s option, defend or pay for an attorney selected by Calvin, Giordano & Associates, Inc., to defend Calvin, Giordano & Associates, Inc., its officers, agents, servants, and employees against any and all claims, losses, liabilities, and expenditures of any kind, including attorney fees, any appellate attorney costs, court costs, and expenses, caused by, arising from, or related to any acts, omissions or negligence of CLIENT or its consultants.
- CLIENT agrees to limit Calvin, Giordano, & Associates, Inc.'s liability for any and all claims that CLIENT may assert on its own behalf or on behalf of another, including but not limited to claims for breach of contract or breach of warranty, to the amount of fees paid to Calvin, Giordano & Associates, Inc., pursuant to this Agreement.
- Drawings, specifications, and other documents and electronic data furnished by Calvin, Giordano & Associates, Inc. in connection with this project are instruments of service. All original instruments of service shall be retained by Calvin, Giordano & Associates, Inc. and will remain their property, with all common law, statutory and other reserved rights, including copyright, in those instruments. This information provided in the instruments of service is proprietary and will not be shared with others without prior written consent. The CLIENT may request reproducible copies, and all original documents upon payment of all outstanding invoices, and expenses.
- Invoices for work accomplished to date will be submitted monthly and are payable within thirty (30) days. The CLIENT will pay invoices upon receipt and understands interest charges of 1.5% per month will be applied to any unpaid balance past thirty (30) days. Calvin, Giordano & Associates, Inc. may elect to stop work until payment is received. If work is stopped for thirty (30) days or more, Calvin, Giordano & Associates, Inc. may request compensation for start-up costs when work resumes.
- The CLIENT or their representative shall be available to meet with Calvin, Giordano & Associates, Inc. and provide decisions in a timely manner throughout the course of the project. The CLIENT will provide all plans and other pertinent information, which are necessary for Calvin, Giordano & Associates, Inc. to provide complete professional services as outlined in this contract.

- The terms of Agreement shall be valid for the Client's acceptance for a period of thirty (30) days from the date of execution by Calvin, Giordano & Associates, Inc. after which time this contract offer becomes null and void if not accepted formally (evidenced by receipt of an executed copy of this document). All rates and fees quoted in this document shall be effective for a period of six (6) months, after which time they may be renegotiated with the CLIENT.

#### **MISCELLANEOUS PROVISIONS**

- CLIENT and Calvin, Giordano & Associates, Inc., respectively, bind themselves, their partners, successors, assigns, and legal representatives to the other party to this Agreement and to the partners, successors, assigns, and legal representatives of such other party with respect to all covenants of this Agreement. Neither CLIENT nor Calvin, Giordano & Associates, Inc. shall assign this Agreement without written consent of the other.
- This Agreement represents the entire and integrated agreement between the CLIENT and Calvin, Giordano & Associates, Inc. and supersedes all prior negotiations, representations or agreements, either written or oral. This Agreement may be amended only by written instrument signed by both Calvin, Giordano & Associates, Inc. and the CLIENT.
- Unless otherwise provided, this Agreement shall be governed by the law of the place where the project is located.

#### **TERMINATION OF THE AGREEMENT**

- This Agreement may be terminated by either party upon not less than seven (7) days written notice should the other party fail substantially to perform in accordance with the terms of this Agreement through no fault of the party initiating the termination. Failure of CLIENT to make payments to Calvin, Giordano & Associates, Inc., in accordance with this Agreement, shall be considered substantial nonperformance and cause for termination.
- In the event of termination in accordance with this Agreement or termination not the fault of Calvin, Giordano & Associates, Inc., Calvin, Giordano & Associates, Inc. shall be compensated for services properly performed prior to receipt of notice of termination, together with Reimbursable Expenses then due.

We appreciate the opportunity to submit this proposal. Calvin, Giordano & Associates, Inc. is prepared with the necessary manpower to proceed with the proposed scope of services upon receipt of the executed authorization. Our personnel are committed to completing the project in a timely manner. Please indicate your acceptance of this proposal by signing below and returning one executed copy of the contract to this office. We look forward to working with you in making this project a success.

Sincerely,

**CALVIN, GIORDANO & ASSOCIATES, INC.**



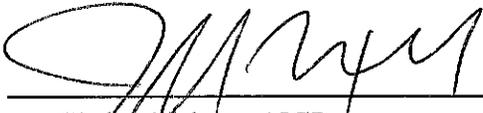
*For* Shelley Eichner, AICP  
Vice President

Cost of these services are \$247,885.00 plus hourly as noted in fee breakdown.

**ACCEPTANCE OF CONTRACT**

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**CALVIN, GIORDANO & ASSOCIATES, INC.**

By:  Date: 9/2/10  
Name: Shelley Eichner, AICP  
Title: Vice President

By: \_\_\_\_\_ Date: \_\_\_\_\_  
Name: Mr. Doug Bradshaw  
Title: Senior Project Manager



**PROFESSIONAL FEE SCHEDULE**

Principal 215.00  
Executive Assistant 75.00

**ENGINEERING**

Associate, Engineering (VI) 190.00  
Director, Engineering (V) 165.00  
Project Manager (IV) 145.00  
Project Engineer (III) 125.00  
Engineer (II) 105.00  
Jr. Engineer (I) 100.00  
Senior CADD Technician Manager 115.00  
CADD Technician 95.00  
Traffic Technician 90.00  
Permit Administrator 90.00  
Clerical 75.00

**DATA TECH DEVELOPMENT**

Associate, Data Tech Dev. 165.00  
GIS Coordinator 145.00  
GIS Specialist 125.00  
Multi-Media 3D Developer 115.00  
GIS Technician 100.00  
Sr. Applications Developer 165.00  
Applications Developer 135.00  
Network Administrator 155.00  
System Support Specialist 115.00  
IT Support Specialist 85.00

**CONSTRUCTION**

Associate, Construction 165.00  
Construction Management Director 135.00  
Senior Inspector 100.00  
Inspector 90.00

**EMERGENCY MANAGEMENT**

Director 145.00  
Planner 105.00  
Jr. Planner 90.00

**PLANNING**

Associate, Planning 165.00  
Director of Planning 145.00  
Planning Administrator 135.00  
Assistant Director 125.00  
Planner 105.00  
Jr. Planner 90.00

**EXPERT WITNESS**

Principal/Associate 330.00  
Registered Engineer/Surveyor 280.00  
Project Engineer 230.00

**LANDSCAPE ARCHITECT**

Associate, Landscape 165.00  
Senior Landscape Architect 130.00  
Environmental Administrator 125.00  
Landscape Architect 115.00  
Environmental Specialist 105.00  
Landscape CADD Technician 95.00  
Environmental Assistant 85.00

**SURVEYING**

Associate, Surveying 165.00  
Senior Registered Surveyor 145.00  
Survey Crew 135.00  
Registered Surveyor 125.00  
Survey Coordinator 105.00  
CADD Technician 95.00  
3D Laser Scanner 355.00  
Hydrographic Survey Crew 330.00  
G.P.S. Survey Crew 155.00  
Sub-meter G.P.S 75.00  
Soft Dig (per hole) 305.00  
Utility Locates 205.00

**MICROBIAL/INDOOR AIR QUALITY SERVICES**

Sr. Environmental Scientist 115.00  
Environmental Scientist 100.00

- Engineering
- Construction Engineering & Inspection
- Municipal Engineering
- Transportation Planning & Traffic Engineering
- Surveying & Mapping
- Planning
- Landscape Architecture & Environmental Services
- Construction Services
- Indoor Air Quality
- Data Technologies & Development
- Emergency Management Services
- Building Code Services
- Governmental Services

*In addition to the hourly rates listed above, charges will include direct out-of-pocket expenses such as reproduction, overnight mail, and other reimbursables billed at a multiplier of 1.25.*

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Effective January 1, 2009



**Hours Summary - Detail**

**Traffic Engineering Fort Lauderdale**

**Corridor Planning Studies**

<u>Work Activity</u>	<u>Position</u>	<u>Hrs.</u>	<u>Rate</u>	<u>Total</u>
Alternatives Refinement	Director Engineering V	10	\$165.00	\$1,650.00
Alternatives Refinement	Jr. Engineer I	60	\$100.00	\$6,000.00
Alternatives Refinement	Project Manager IV	20	\$145.00	\$2,900.00
Data Compilation	Director Engineering V	10	\$165.00	\$1,650.00
Data Compilation	Project Manager IV	20	\$145.00	\$2,900.00
Data Compilation	Jr. Engineer I	80	\$100.00	\$8,000.00
Draft Report Preparation	Jr. Engineer I	60	\$100.00	\$6,000.00
Draft Report Preparation	Director Engineering V	20	\$165.00	\$3,300.00
Draft Report Preparation	Project Manager IV	30	\$145.00	\$4,350.00
Evaluation of Alternatives	Project Manager IV	40	\$145.00	\$5,800.00
Evaluation of Alternatives	Jr. Engineer I	160	\$100.00	\$16,000.00
Evaluation of Alternatives	Director Engineering V	20	\$165.00	\$3,300.00
Field Data Collection	Director Engineering V	40	\$165.00	\$6,600.00
Field Data Collection	Jr. Engineer I	240	\$100.00	\$24,000.00
Field Data Collection	Project Manager IV	80	\$145.00	\$11,600.00
Field Investigation	Director Engineering V	10	\$165.00	\$1,650.00
Field Investigation	Project Manager IV	20	\$145.00	\$2,900.00
Field Investigation	Jr. Engineer I	80	\$100.00	\$8,000.00
Final Report Preparation	Director Engineering V	20	\$165.00	\$3,300.00
Final Report Preparation	Jr. Engineer I	60	\$100.00	\$6,000.00
Final Report Preparation	Project Manager IV	30	\$145.00	\$4,350.00
Future Traffic Conditions Analysis	Project Manager IV	80	\$145.00	\$11,600.00
Future Traffic Conditions Analysis	Director Engineering V	20	\$165.00	\$3,300.00
Future Traffic Conditions Analysis	Jr. Engineer I	160	\$100.00	\$16,000.00
Meetings with the Client	Director Engineering V	24	\$165.00	\$3,960.00

Building Code Services  
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 Construction Engineering & Inspection  
 Construction Services  
 Contract Government  
 Data Technologies & Development  
 Emergency Management Services  
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 Governmental Services  
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 Landscape Architecture & Environmental Services  
 Municipal Engineering  
 Planning  
 Public Administration  
 Redevelopment & Urban Design  
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Meetings with the Client	Project Manager IV	24	\$145.00	\$3,480.00
Preliminary Alternatives Development	Project Manager IV	40	\$145.00	\$5,800.00
Preliminary Alternatives Development	Director Engineering V	15	\$165.00	\$2,475.00
Preliminary Alternatives Development	Jr. Engineer I	80	\$100.00	\$8,000.00
Preliminary Modeling	Jr. Engineer I	250	\$100.00	\$25,000.00
Preliminary Modeling	Director Engineering V	20	\$165.00	\$3,300.00
Preliminary Modeling	Project Manager IV	80	\$145.00	\$11,600.00
Project Management/General Tasks	Director Engineering V	40	\$165.00	\$6,600.00
Project Management/General Tasks	Project Manager IV	80	\$145.00	\$11,600.00
Public Workshops (Preliminary)	Jr. Engineer I	12	\$100.00	\$1,200.00
Public Workshops (Preliminary)	Director Engineering V	12	\$165.00	\$1,980.00
Public Workshops (Preliminary)	Project Manager IV	12	\$145.00	\$1,740.00
<b>Total Corridor Planning Studies</b>		<b>2059</b>		<b>\$247,885.00</b>
<b>Total Traffic Engineering Fort Lauderdale</b>		<b>2059</b>		<b>\$247,885.00</b>
<b>Proposal Total</b>		<b>2059</b>		<b>\$247,885.00</b>

