



Calvin, Giordano & Associates, Inc.
EXCEPTIONAL SOLUTIONS

Additional Services Agreement

DATE: May 15, 2012
RE: Hallandale Beach NE Quadrant Construction Services
CLIENT: City of Hallandale Beach
 630 NW 2nd Street
 Hallandale Beach, FL 33009
ATTENTION: Mr. Rick Labinsky, P.E.
CGA NO.: 09-2591.16

CGA HAS BEEN ADVISED TO PROCEED WITH THE FOLLOWING ADDITIONAL SERVICES:

Due to the client's request for work outside the original scope of services, Calvin, Giordano & Associates, Inc. will provide the following additional services:

I. Professional Engineering Services

A. Civil Engineering

1. Engineering Services During Bidding & Construction

- Assist City in preparing bidding package.
- Respond to RFIs during bidding process
- Assist City in evaluation of bids received
- Attend pre-bid meeting
- Attend pre-construction meeting
- Attend bi-weekly project construction meetings and coordinate with construction inspection and administration for project status and field updates. Assume one engineer, 4 hours per week for 52 weeks for a total of 208 hours.

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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- Engineering on-site observation for conformance to plans and specifications and to perform certifications. Assumes engineer coordination for 8 hours per week for one year (52 weeks) for a total of 416 hours.
 - Review shop drawings and coordinate with construction department for review and processing.
 - Respond to contractor RFIs during construction and coordinate with construction department for review and processing.
 - Conflict resolution due to unforeseen field conditions including additional field visits, meetings, and preparation of revised plans sheets as necessary especially in the areas of the proposed pumping stations, drainage well site locations, and along NE 14th Avenue.
 - Review as-builts after review by construction inspector.
 - Prepare and process certifications.
2. Structural Engineering during construction for both pump stations by Lakdas/Yohalem Engineering, Inc. to include shop drawing review, building department RFI's, contractor RFI's, structural inspections as required to certify the plans, and review of as-builts for project close-out.
3. Well construction observation and inspection services by Langan Engineering and Environmental Services
- Observation during construction of the 16 stormwater drainage wells to compare the geology at each well with the recommendations in the RAR, per FDEP permit requirements.
 - Fee assumes three 10-hour days to drill each well - 480 hours of field well inspection time.
 - Preparation of signed and sealed certificate letter for each well stating either that the casing recommendation is applicable or a different minimum casing is required.- 16 hours to evaluate data and prepare the certified letter for each stormwater well.
 - Observation of installation of the four monitoring wells, two shallow and two deep, per FDEP requirements.

- Help determine proper depth for the deep monitoring wells per specifications in FDEP permit and provide a letter stating the well was constructed in substantial compliance with specifications and was properly developed.
- Fee assumes 10-hour day to install and develop each monitoring well.

II. Professional Construction Services

- A. The following scope is based on 12 months of Construction Time and on total hours specified on attached breakdown. Any additional time beyond this will require an approved agreement.
1. Meeting with Contractor and appropriate regulatory agencies when requested and necessary for consultation or conferences in regard to construction of the project.
 2. Issue interpretations and clarifications of the Contract Documents, and evaluate requested deviations from the approved design or specifications. In connection therewith, review, prepare and process any work change directives or change orders requested by the Contractor, or the City.
 3. Review and process shop drawings, samples and other data which the Contractor is required to submit.
 4. Make daily inspections for compliance with plans and specifications (up to 4 hours per day). Make interim inspections for substantial completion; review, approve and process pay requests and perform a final inspection to determine, in general, if the work has been completed in conformance with the intent of the Contract Documents.
 5. Review as-built provided by the Contractor.
 6. Review and process closeout packages.
 7. Bi-weekly progress meetings (Total of 24 meetings).

PROPOSED SCHEDULE OF FEES		
I	Professional Engineering Services	
A	Professional Civil Engineering Services	\$363,920.00
	Engineering During Construction	\$171,930.00
	Sub-Consultant	
	Hydrological Consultant	\$174,300.00
	Structural Engineering Consultant	\$17,690.00
II	Professional Construction Services	\$120,500.00
	Construction Inspection	\$120,500.00
TOTAL (Hourly to Max)		\$484,420.00

AUTHORIZATION

**Kindly sign and return this authorization at your earliest convenience.
Calvin, Giordano & Associates, Inc.
will proceed upon receipt of authorization..**

By: _____

Mr. Rick Labinsky, P.E.
City Engineer

Date: _____

By: _____

Dennis J. Giordano
President

Date: _____



PROFESSIONAL FEE SCHEDULE

Principal	215.00	LANDSCAPE ARCHITECT	
Contract Administrator	190.00	Associate, Landscape Architect	165.00
Project Administrator	165.00	Senior Landscape Architect	130.00
Executive Assistant / Clerical	75.00	Environmental Administrator	125.00
		Landscape Architect	115.00
ENGINEERING		Environmental Specialist	105.00
Associate, Engineering (VI)	190.00	Landscape CADD Technician	95.00
Director, Engineering (V)	165.00	Environmental Assistant	85.00
Project Manager (IV)	145.00	Landscape Inspector/Arborist	105.00
Project Engineer (III)	125.00	Landscape Designer	115.00
Engineer (II)	105.00	Landscape Site Plan Reviewer	130.00
Jr. Engineer (I)	100.00		
Engineer Technician	105.00	SURVEYING	
Senior CADD Tech Manager	115.00	Associate, Surveying	165.00
CADD Technician	95.00	Senior Registered Surveyor	145.00
Traffic Engineer (II)	125.00	Survey Crew	135.00
Traffic Engineer (I)	100.00	Registered Surveyor	130.00
Traffic Technician	90.00	Survey Coordinator	105.00
Permit Administrator	90.00	CADD Technician	95.00
		3D Laser Scanner	355.00
DATA TECH DEVELOPMENT		Hydrographic Survey Crew	330.00
Associate, Data Tech Dev.	165.00	G.P.S. Survey Crew	155.00
GIS Coordinator	145.00	Sub-meter G.P.S.	75.00
GIS Specialist	125.00	Soft Dig (per hole)	480.00
Multi-Media 3D Developer	115.00	Utility Locates (per hour)	205.00
GIS Technician	100.00		
Sr. Applications Developer	165.00	INDOOR AIR QUALITY SERVICES	
Applications Developer	135.00	Sr. Environmental Scientist	115.00
Network Administrator	155.00	Environmental Scientist	100.00
System Support Specialist	115.00		
IT Support Specialist	85.00	CONSTRUCTION	
		Associate, Construction	165.00
GOVERNMENTAL SERVICES		Construction Management Director	135.00
Associate, VP	190.00	Construction Manager	125.00
Director of Code Enforcement	145.00	Senior Inspector	100.00
Director of Building Code	145.00	Inspector	90.00
Project Manager	145.00	Construction Coordinator	90.00
Grants Administrator	125.00		
Code Enforcement Field Supervisor	110.00	EMERGENCY MANAGEMENT	
Code Enforcement Field Inspector	90.00	Director	145.00
Building Official	115.00	Planner	105.00
Building Plans Reviewer	90.00	Assistant Planner	90.00
Building Inspector	90.00		
Permit Processor	75.00	PLANNING	
		Associate, Planning	175.00
REDEVELOPMENT & URBAN DESIGN		Director of Planning	145.00
Revitalization Project Director/Manager	165.00	Planning Administrator	135.00
Revitalization Coordinator	130.00	Assistant Director	125.00
Alternative Funding/Technician	100.00	Senior Planner	125.00
Commercial Zoning Administrator	130.00	Assistant Planner	90.00
Redevelopment Planner	105.00		
Specialist/Downtown Manager	100.00	EXPERT WITNESS	
Municipal Administrator	165.00	Principal/Associate	330.00
Municipal Assistant Administrator	130.00	Registered Engineer/Surveyor	280.00
Municipal Department/Division Head	105.00	Project Engineer	230.00

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.

Effective February 1, 2011

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Subconsultant Fee Schedule

Lakdas/Yohalem Engineering, Inc.

Project Engineer - \$125/hr
Engineer - \$100/hr
Engineer Inspector - \$80/hr
Cadd Drafter - \$75/hr
Clerical - \$48/hr

Langan Engineering & Environmental Services

Senior Associate - \$200/hr
Project Manager - \$175/hr
Field Engineer/Geologist - \$117/hr
CADD technician - \$77/hr
Admin - \$70/hr