



Calvin, Giordano & Associates, Inc.

EXCEPTIONAL SOLUTIONS

## Additional Services Agreement

**DATE:** April 11, 2012  
**RE:** Dania Defective Sewage Pump Matter  
**CLIENT:** City of Dania Beach  
100 W. Dania Beach Boulevard  
Dania Beach, FL 33004  
**ATTENTION:** Mr. Robert Baldwin  
**CGA NO.:** 05-5512.3

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 related to failure of PX pumps installed in pump station #1 in the City of Dania Beach including the following (services already performed through 2/20/12):
  - Attend meetings and perform inquiries with the pump station contractor.
  - Coordinate sewage test samples to investigate claim that sewage is highly saline and has high sand content. Coordinate with independent testing company and retain testing company as a reimbursable expense.
  - Install pressure measuring equipment and perform inflow tests to investigate claim that pumps are undersized.
  - Request damaged impeller from pump supplier. Coordinate with independent metals testing facility to investigate claim that impeller damage is due to highly saline sewage with high sand content. Retain testing company as a reimbursable expense.
  - Research claims of PX pump failures in other municipalities.

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  
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- Procure City run-time data and reduce to graphical form to verify increase in run-time since installation of the pumps.
  - Research City contract with pump station contractor and write two certified letters of Notice of Defective Work.
  - Solicit proposals from three new pump manufacturers for replacement of PX pumps in pump station #1.
2. Engineering services related to failure of PX pumps installed in pump station #1 in the City of Dania Beach including the following (services not yet performed, beginning 2/20/12, on an hourly-not-to-exceed basis):
- Review new pump manufacturer as selected by the City and recommend new pumps based on pump station performance requirements.
  - Coordinate with an independent pump station maintenance company to perform a failure autopsy for one of the pumps in pump station #6. Pump station #6 pumps have failed since pump station #1 from similar issues. Retain lift station maintenance company as a reimbursable expense.
  - Provide engineering services to the City in resolution of the PX pump failure as needed.
  - Provide engineering services to the City during the installation of the replacement pump manufacturers pumps.
    - Provide construction observation services during re-start of PS #1.
  - Services are hourly not-to-exceed up to the amount specified herein. Once this amount is exceeded, another Additional Services Agreement will be issued to continue services.

**II. Professional Construction Services**

- A. As needed field observation not to exceed 30 hours (\$3,000.00)

| <b>COST OF THESE SERVICES (Lump Sum )</b> |  |
|---|--|
| <b>I</b>                                  | <b>Professional Engineering Services</b>       |
| <b>A</b>                                  | <b>Professional Civil Engineering Services</b> |
|   | <b>\$31,720.95</b>                             |

|                                     |   |                    |
|-------------------------------------|---|--------------------|
| <b>II</b>                           | <b>Professional Construction Services</b> | <b>\$3,000.00</b>  |
| <b>III</b>                          | <b>Meetings not included in I thru II</b> | <b>Hourly</b>      |
| <b>TOTAL (Plus Hourly Services)</b> |   | <b>\$34,720.95</b> |

**AUTHORIZATION**

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

By: \_\_\_\_\_

Mr. Robert Baldwin  
 City Manager

Date: \_\_\_\_\_

By:  \_\_\_\_\_

Dennis J. Giordano  
 President

Date: 4-11-12 \_\_\_\_\_



# Calvin, Giordano & Associates, Inc.

EXCEPTIONAL SOLUTIONS

## PROFESSIONAL FEE SCHEDULE

|   |        |                                    |        |
|---|--------|------------------------------------|--------|
| Principal                               | 215.00 | <b>LANDSCAPE ARCHITECT</b>         |        |
| 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 |
| <b>ENGINEERING</b>                      |        | 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 | <b>SURVEYING</b>                   |        |
| 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 |
| <b>DATA TECH DEVELOPMENT</b>            |        | 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 | <b>INDOOR AIR QUALITY SERVICES</b> |        |
| 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  | <b>CONSTRUCTION</b>                |        |
|   |        | Associate, Construction            | 165.00 |
| <b>GOVERNMENTAL SERVICES</b>            |        | 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 | <b>EMERGENCY MANAGEMENT</b>        |        |
| 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  | <b>PLANNING</b>                    |        |
|   |        | Associate, Planning                | 175.00 |
| <b>REDEVELOPMENT &amp; URBAN DESIGN</b> |        | 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 | <b>EXPERT WITNESS</b>              |        |
| 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

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

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