

Exhibit 'A'

**CITY OF DANIA BEACH
Water Distribution Modeling
K&S 17915.00 Amendment No. 1**

REASON FOR AMENDMENT

Under the original Agreement dated November 9, 2009 Keith and Schnars, P.A. was tasked to evaluate the City's water distribution system through development of a WaterCAD model.

In the process of creating the model, additional improvements were made within the City's distribution system. In an attempt to provide an accurate and representative model, a number of modifications and updates were required. With each modification, the model was calibrated and compared against observed pressures and flow characteristics. The additional modifications and efforts to establish a baseline model resulted in services extending beyond the original scope of the project.

SCOPE OF SERVICES

Section 1: Civil Engineering

1.05 Water Distribution Modeling Maintenance (Additional)

The WaterCAD model was to be developed from information provided by the City. In the early stages of model development corrections to the atlas information was needed. In addition, data for existing demands needed to be manipulated to correlate with recorded use.

As model progressed, through several meetings with staff and various drafts presented, CONSULTANT was informed of improvements within the City's distribution system. Several requests were made and additional information was provided by the City and consultants working on City water main projects. As improvements were identified, the model was modified and calibrated to correlate with observed pressure readings. These improvements included Melaleuca Gardens, NW/SW 1st Avenue, SE 2nd Avenue, Gulf Stream Canal Crossing, Broward County improvements from Taylor Road to NE 10th Street and deficient fire flows identified at NE 7th.Avenue and NW 14th Avenue (Melaleuca Gardens).

With the additional modifications and updates to the model in conjunction with manipulation of existing data, CONSULTANT's efforts exceeded the scope and budget of the original contract. CONSULTANT is requesting additional fees to account for this effort.

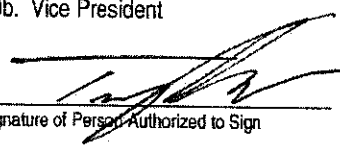
CONSULTANT'S lump sum fee for this service shall be\$ 12,000.00

City of Dania Beach Water Distribution Model Project
K&S 17915.00 Amendment No. 1
February 9, 2012 - Exhibit 'A'



KEITH and SCHNARS, P.A.
ENGINEERS, PLANNERS, SURVEYORS

SUPPLEMENT/AMENDMENT TO SERVICE AGREEMENTS

1. PROJECT NAME: City of Dania Beach Water Distribution Modeling <i>Original City Agreement Dated 9/9/2009</i>		2a. PROJECT #: K&S 17915.00	2b. PROPOSAL #: Amendment No. 1 Revised 2/9/12
		3. START DATE: Upon Receipt of P.O. END DATE:	4. City of Dania PO #
5a. CLIENT (Name, Street Address, City, State, Zip) City of Dania Beach 100 W. Dania Beach Boulevard Dania Beach, FL 33004		5c. CLIENT'S REPRESENTATIVE (Name, Title): Dominic F. Orlando, P.E., Director of Public Services	
5b. CLIENT NUMBER:		5d. TELEPHONE NUMBER: (954) 924-3740	
6a. CONSULTANT (Name, Street Address, City State, Zip): KEITH and SCHNARS, P.A. 6500 NORTH ANDREWS AVENUE FORT LAUDERDALE, FL 33309-2132 Vendor # 2946		6b. K&S PROJECT MANAGER/LINE MANAGER: Tim J. Hall, P.E., Director Civil Engineering	
		6c. TELEPHONE NUMBER: (954) 776-1616 FAX #: (954) 771-7690	
<input checked="" type="checkbox"/>	7. THIS ITEM ONLY APPLIES TO AMENDMENTS/SUPPLEMENTS TO CONTRACT		
	A. THIS CHANGE IN INITIAL SCOPE OF WORK IS ISSUED PURSUANT TO: (Specify Authority). THE CHANGES SET FORTH IN ITEM 8a ARE MADE IN THE PROJECT # IN ITEM 2a.		
	B. THE ABOVE NUMBERED PROJECT IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES SET FORTH IN PURSUANT TO THE AUTHORITY OF:		
<input checked="" type="checkbox"/>	C. THIS ADDITIONAL SERVICE REQUEST IS ENTERED INTO PURSUANT TO AUTHORITY OF: CLIENT		
<input checked="" type="checkbox"/>	D. CLIENT IS REQUIRED TO SIGN THIS DOCUMENT AND RETURN ONE COPY TO THE CONSULTANT PRIOR TO COMMENCEMENT OF WORK.		
8a. DESCRIPTION OF AMENDMENT/SUPPLEMENT:		See EXHIBIT 'A' for Scope of Services Details	
8b. REASON FOR SUPPLEMENT/AMENDMENT:		Requested by CLIENT	
8c. COMPENSATION REQUIRED BY CONSULTANT FOR COMPLIANCE WITH REQUESTED PROFESSIONAL SERVICES AS SET FORTH HEREIN:		See EXHIBIT 'A' for Compensation Details	
9. Except as provided herein, all items, terms and conditions of the document referenced in item 2a, as heretofore changed, remains unchanged and in full force and effect.			
10a. NAME AND TITLE OF CONSULTANT (Type or Print): Tim J. Hall, P.E. Vice President, Civil Engineering		11a. NAME AND TITLE OF CLIENT'S REPRESENTATIVE (Type or Print):	
10b. Vice President  Signature of Person Authorized to Sign	10c. DATE SIGNED: 2-9-12	11b. CLIENT'S REPRESENTATIVE: Signature of Client/Representative Authorized to Sign	11c. DATE SIGNED:

Return to: Keith and Schnars, P.A. • Civil Engineering Department • Fax # (954) 351-7643 • Form #9003-
\\KSFDATA\z\Projects\17915.CP Dania Beach Water Model\ADMINISTRATIVE\Amendments\Dania 17915 00 Amendment No 1 2-9-12.doc