

October 24, 2017

Mr. Clece Aurelus, P.E.  
Engineering Support Service Manager  
City of Hollywood, Department of Public Utilities  
1621 N. 14th Avenue  
Hollywood, Florida 33022

**RE: SANITARY SEWER LIFT STATION W14 REHABILITATION  
CTA PROPOSAL NO. 2017-S04.255**

Dear Mr. Aurelus:

We are pleased to submit this proposal for Additional Professional Consulting Services in connection with the Lift Station W14 Rehabilitation, as requested by the City of Hollywood. Specifically, our proposed scope of services and fees are as follows:

**CRANEN THOMPSON**



**& ASSOCIATES INC.**

Engineers  
Planners  
Surveyors  
Landscape Architects

**I. ENGINEERING SERVICES**

1.1 Mag Meter Design (CTA Task No. 31025)  
Prepare Engineering Plans, Contract Documents, Bidding Assistance and Construction Observation Services for installation of a Mag Meter at the effluent of the W14. The design will include SCADA for the VFD Pumps. Location of meter is proposed outside of structure in a vault.

*Lump Sum ..... \$9,400.00*

1.2 By-Pass Piping Design (CTA Task No. 31025)  
Prepare Engineering Plans, Contract Documents, Bidding Assistance and Construction Observation Services for the addition of a by-pass piping network located at the north side of Lift Station W14. By-pass will be designed with valves and piping to redirect flow around Lift Station W14.

*Lump Sum ..... \$5,800.00*

**PROJECT SCHEDULE**

**Authorization to Proceed to Bid Advertisement .....3 Months**

**SERVICES NOT INCLUDED**

Additional services will be performed as authorized in writing by the Client. Additional services include but are not limited to the following:

1. Environmental Permitting or Consulting Services.
2. Water and Storm Drainage Improvements/Calculations.
3. Exterior Improvements to LS W14.
4. Site Planning.
5. Landscape Architectural and Tree Removal permitting Services.
6. Material testing.
7. Services required by additional governmental regulations which might be put into effect after the date of this agreement.
8. Any additional services requested by Client.

3563 N.W. 53rd Street  
Fort Lauderdale, FL 33309-6311  
(954)739-6400  
Fax (954) 739-6409

**Acceptance**

This proposal and fee schedules are based on acceptance within 30 days of the date of preparation. If not accepted by you within that time period, we reserve the right to re-evaluate the terms and conditions contained herein.

The above will be subject to the terms and conditions as specified in the Contract Documents. If the proposed work and fees contained herein are agreeable with you, please provide a Purchase Order and a Notice to Proceed.

Should you have any questions regarding the above, please do not hesitate to call.

Sincerely,

**CRAVEN THOMPSON & ASSOCIATES, INC.**



PATRICK J. GIBNEY, P.E.  
Vice President, Engineering

PJG/tg

EXHIBIT D  
 STAFF TIME ESTIMATE

Personnel	Hourly Rate	Hours per Task									Totals	
		Task 1.1	Task 2.1	Task 2.2	Task 2.3	Task 2.4	Task 3.1	Task 4.1	Task 5.1	Task 9	Hours	Cost
		0001	0002	0003	0004	0005	0006	0007	0008	0009		
<b>Administration</b>												
Principal	\$220.00										0	\$0.00
Administrative Assistant	\$65.00										0	\$0.00
Sub Total											0	\$0.00
<b>Engineering</b>												
Principal Engineer	\$180.00	2	2								4	\$720.00
Sr. Supervising Engineer	\$160.00	8	8								16	\$2,560.00
Senior Engineer	\$120.00	10	10								20	\$2,400.00
Project Engineer	\$105.00	16	16								32	\$3,360.00
Senior CADD Technician	\$80.00	16	16								32	\$2,560.00
											0	\$0.00
Sub Total											104	\$11,600.00
<b>Construction</b>												
Construction Manager	\$120.00										0	\$0.00
Senior Field Representative	\$90.00										0	\$0.00
Field Representative	\$80.00										0	\$0.00
Sub Total											0	\$0.00
<b>Surveying</b>												
Principal Surveyor	\$145.00										0	\$0.00
Professional Land Surveyor	\$110.00										0	\$0.00
Land Surveyor	\$105.00										0	\$0.00
Senior CADD Technician	\$80.00										0	\$0.00
Survey Laserscan Crew	\$250.00										0	\$0.00
Survey Crew	\$115.00										0	\$0.00
Sub Total											0	\$0.00
<b>Landscape Arch./ Planning</b>												
Principal LA Planner	\$145.00										0	\$0.00
Sr. Project LA Planner	\$120.00										0	\$0.00
Project LA Planner	\$115.00										0	\$0.00
Senior CADD Technician	\$80.00										0	\$0.00
											0	\$0.00
Sub Total											0	\$0
<b>Cost per Task</b>		\$5,800.00	\$5,800.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00		\$11,600.00
<b>Budget per Task</b>		\$5,800.00	\$5,800.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00		\$11,600.00
<b>Subconsultants</b>												
Mechanical Engineering												\$0.00
Structural Engineering - TRC												\$0.00
Electrical Engineering - Hillers		\$3,600.00										\$0.00
Subconsultants Sub Total		\$3,600.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00		\$3,600.00
<b>Total</b>		\$9,400.00	\$5,800.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00		
<b>Direct Expenses</b>												\$0.00
<b>Contingency</b>												\$0.00
<b>Grand Total</b>		\$9,400.00	\$5,800.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00		\$15,200.00