

February 3, 2025

Mr. Jeff Jiang, P.E.  
Assistant Director, Public Utilities/Engineering  
City of Hollywood  
1621 North 14<sup>th</sup> Avenue  
Hollywood, Florida 33020

**RE: HOLLYWOOD SW 2 PUMP STATION  
CTA PROPOSAL NO. 2025-S04.021 (REVISED)**

Dear Mr. Jiang,

The firm of Craven Thompson & Associates, Inc. (CTA) is pleased to provide you with the following proposal for professional services for the above referenced project. The services provided will be in accordance with the Consulting Professional Services Agreement Professional Services Agreement R-2023-277, dated September 6, 2023.

The scope includes the following:

**I. CIVIL ENGINEERING SERVICES**

**1.1 By-Pass Pump Design**

Prepare and by-pass pump plan for the control of the stormwater during the work proposed on Pump Station SW-2. Task will include coordination with pump manufacturer to installed by-pass pumps, electrical hookup, generator hookup, etc. for a complete by-pass pumping operation. Task does not include electric engineering if necessary.

*Hourly, Not-to-Exceed .....\$15,760.00*

**1.2 Civil Engineering Plans for SW-2 Rehabilitation Improvements.**

Prepare civil site improvements for the proposed Pump Station SW-2 Rehabilitation Improvements. Tasks included meetings, coordination and assistance with permitting for the proposed improvements. Pump Station generator is assumed to be a temporary wheel mounted generator that will not require electrical engineering design services.

*Hourly, Not to Exceed.....\$32,100.00*

**II. STRUCTURAL ENGINEERING SERVICES (Provided by TRC Worldwide Eng.)**

**2.1 Pump Station Rehabilitation and Seawall Evaluations**

- The Hollywood SW 2 Pump Station has deteriorated and has spalling concrete with exposed reinforcing. TRC is to provide the permit drawings necessary for concrete restoration of the pump station. Along with the permit drawings, TRC will provide a preliminary cost estimate for the structural repairs.

**CRAVEN THOMPSON**



**& ASSOCIATES INC.**

Engineers  
Planners  
Surveyors  
Landscape Architects

- The seawall adjacent to the pump station was also seen to have deterioration. TRC will investigate the possibility of repair versus the need for replacement. TRC will provide drawings and cost information for the repair and/or replacement of this wall.
- A site visit will be conducted to gather additional information need for creating drawings. TRC will provide signed and sealed permit drawings, respond to permit comments, and conduct construction administration. Construction Administration include the response to reasonable RFI, review of shop drawings submittals (no more than two reviews per submittal) and up to two site visits.

Total ..... \$32,760.00

**III. MISCELLANEOUS**

3.1 Reimbursable (CTA Task No. 31140)

Reimbursable expenses such as courier services, mailing of public participation notices, progress prints, permit prints, set of reproducible Mylar, etc.

*Estimated Budget*..... \$500.00

**SUMMARY OF FEES:**

<b>I. CIVIL ENGINEERING SERVICES .....</b>	<b>\$47,860.00</b>
<b>II. STRUCTURAL ENGINEERING SERVICES .....</b>	<b>\$32,760.00</b>
<b>III. MISCELLANEOUS .....</b>	<b>\$500.00</b>
<b>GRAND TOTAL .....</b>	<b>\$81,120.00</b>

**SERVICES NOT INCLUDED**

- Electrical Engineering Design
- Generator design and coordination
- Underground utility Locates
- Bidding or Construction Observation Services

**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

EXHIBIT 1  
 STAFF TIME ESTIMATE

Personnel	Hourly	Hours per Task									Totals	
		1.1	1.2	2.1							Hours	Cost
		By-Pass Pump	Rehab Civil Design	Structural Analysis and Design								
<b>Administration</b>												
Administrative Assistant	\$95.00										0	\$0.00
Sub Total											0	\$0.00
<b>Engineering</b>												
Principal Engineer	\$280.00	4	4								8	\$2,240.00
Sr. Supervising Engineer/Sr. Project Manager	\$250.00	16	24								40	\$10,000.00
Senior Engineer/Project Manager	\$185.00	24	40								64	\$11,840.00
Project Engineer	\$155.00	40	80								120	\$18,600.00
Senior CADD Technician	\$115.00										0	\$0.00
Sub Total											232	\$42,680.00
<b>Construction</b>												
Director of Const. Management	\$185.00										0	\$0.00
Construction Manager	\$175.00										0	\$0.00
Senior Field Representative	\$135.00										0	\$0.00
Sub Total											0	\$0.00
<b>Surveying</b>												
Principal Surveyor	\$225.00		4								4	\$900.00
Professional Land Surveyor/Land Surveyor	\$180.00		8								8	\$1,440.00
Project Surveyor	\$155.00		8								8	\$1,240.00
Survey CADD / GIS Technician	\$115.00										0	\$0.00
Survey Crew -Laser Scan (3-Man)	\$330.00										0	\$0.00
Survey Crew (1-Man)	\$120.00										0	\$0.00
Survey Crew (2-Man)	\$170.00										0	\$0.00
Survey Crew (3-Man)	\$200.00		8								8	\$1,600.00
Sub Total											28	\$5,180.00
<b>Landscape Arch./ Planning</b>												
Principal Landscape Arch./Planner	\$225.00										0	\$0.00
Sr. Supervising Landscape Arch.	\$200.00										0	\$0.00
Senior Landscape Architect	\$175.00										0	\$0.00
Landscape Architect	\$150.00										0	\$0.00
Project Landscape Designer	\$150.00										0	\$0.00
Project Planner	\$150.00										0	\$0.00
Senior CADD Technician	\$115.00										0	\$0.00
Sub Total											0	\$0
<b>Cost per Task</b>		\$15,760.00	\$32,100.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00		\$47,860.00
<b>Budget per Task</b>		\$15,760.00	\$32,100.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00		\$47,860.00
<b>Subconsultants</b>												
TRC - Structural				\$32,760.00								\$32,760.00
												\$0.00
												\$0.00
Subconsultants Sub Total		\$0.00	\$0.00	\$32,760.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00		\$32,760.00
<b>Total</b>		\$15,760.00	\$32,100.00	\$32,760.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00		\$500.00
<b>Direct Expenses</b>												\$500.00
<b>Contingency</b>												\$0.00
<b>Grand Total</b>		\$15,760.00	\$32,100.00	\$32,760.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$500.00		\$81,120.00