

February 22, 2024

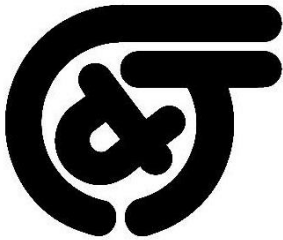
Mr. Feng Jiang, P.E.
Assistant Director Public Utilities/Engineering
City of Hollywood Public Utilities
1621 N. 14th Avenue
Hollywood, Florida 33022

**RE: FEMA GENERATOR
SANITARY SEWER LIFT STATION E8 GENERATOR
CTA WORK ORDER 24-04
CTA PROPOSAL NO. 20240-S04.040**

Dear Jeff:

We are pleased to submit this proposal for Professional Consulting Services in connection with the Lift Station E8 Emergency Generator installation projects. The proposed work will include raising the new generator above the FEMA flood stage for the 500-year storm event. CTA shall provide engineering services, in accordance with the Professional Services Agreement R-2023-277, dated September 6, 2023. Specifically, our proposed scope of services and fees are as follows:

CRANEN THOMPSON



& ASSOCIATES INC.

Engineers
Planners
Surveyors
Landscape Architects

SANITARY SEWER LIFT STATION E8 GENERATOR

I. ENGINEERING SERVICES - CIVIL - ELECTRICAL

- 1.1 Civil Site Engineering (CTA Task No. 31025)
Prepare miscellaneous site improvement plans for the proposed works including grading and pavement improvements. Task also includes meeting with City and coordination with FEMA regarding plan preparation and approval process. Task includes one (1) electronic set of plans, technical specifications, probable cost estimates for 60%, 90%, 100% reviews and bid assistance.

Lump Sum.....\$13,660.00

- 1.2 Electrical Engineering (Provided by Hillers Electrical Engineering)
Task includes design coordination meetings visits with City, FPL and CTA and design of new stand-by generator system with new automatic transfer switch for the existing pump station. Task also includes relocation all electrical & control systems required to meet FEMA standards. Hillers shall provide one (1) electronic set of plans, technical specifications, probable cost estimates for 60%, 90%, 100% reviews and bidding assistance.

Lump Sum.....\$20,147.00

1.3 Prepare and Process On-site Engineering Permit Applications (CTA Task No. 31080)

Prepare and process permit applications and supporting documents through appropriate state and local agencies including:

- Broward County Environmental Protection and Growth Management Department - Wastewater
- Florida Department of Environmental Protection - Wastewater
- City of Hollywood
- FDOT
- Assist Contractor with Building Department Permit

City of Hollywood will provide all necessary reports/documents/modeling data required to secure wastewater permits from BCEP&GMD and FDEP.

Lump Sum..... \$9,560.00

II. CONSTRUCTION OBSERVATION SERVICES

2.1 Limited Construction Observation (CTA Task No. 31120)

Attend pre-construction meeting with the Contractor; review and approve shop drawings, provide responses to RFI's, attend progress meetings and perform general periodic site reviews as required to determine, in general, if the work is being performed in a manner that when completed it will be in accordance with the contract documents. Site visits are anticipated to be a total of three (3) per week for a total of (24) visits for the Project. Construction is estimated to last two (2) months, (8 weeks) for all disciplines. Review record drawings prepared by Contractor; attend final walkthrough with Contractor; review final punch list, and prepare Statement of Completion of construction documents. City of Hollywood will provide the majority of the inspections and reports necessary for certification.

Construction services include: shop drawing reviews & approvals, RFI - Responses, four (4) periodic site visits during construction, review of electrical pay requests, one (1) Start-up / Testing and one (1) Final Inspection.

Hourly, Not-to-Exceed..... \$23,057.00

III. REIMBURSABLE EXPENSES

3.1 Reimbursable Expenses (CTA Task No. XPEN)

Reimbursable expenses shall include printing, mylars, copying, postage, photographic services, Federal Express and courier services.

Budget, Estimate..... \$500.00

IV. CONTINGENCY

4.1 Contingency

Contingency allowance shall be as directed by the City for additional services not identified within the Project Scope. No work shall take place under this Task without authorization from the City.

Allowance..... \$10,000.00

FEE SUMMARY - SANITARY SEWER LIFT STATION E8 GENERATOR

ENGINEERING AND CONSTRUCTION OBSERVATION SERVICES \$66,424.00

REIMBURSABLES & CONTINGENCY \$10,500.00

SUB- TOTAL \$76,924.00

PROJECT SCHEDULE

Authorization to Proceed to Bid Advertisement 6 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
4. Site Planning.
5. Landscape Architectural and Tree Removal permitting Services.
6. Geotechnical Testing (shall be provided by client if required).
7. Utility locates and test holes (shall be provided by client if required).
8. Permit Fees
9. Material testing.
10. Services required by additional governmental regulations which might be put into effect after the date of this agreement.
11. Any additional services requested by Client.

Acceptance

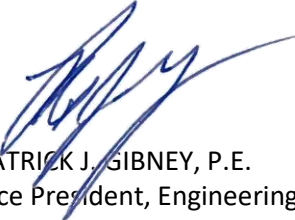
This proposal and fee schedules are based on acceptance within 30 days of the date of preparation. If not accepted by you within that time period, we reserve the right to re-evaluate the terms and conditions contained herein.

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 B
STAFF TIME ESTIMATE

Personnel	Hourly Rate	Hours per Task							Totals	
		Task 1.1	Task 1.2	Task 1.3	Task 2.1	Task 3.1	Task 4.1	Hours	Cost	
Administration										
Clerical	\$95.00								0	\$0.00
Sub Total									0	\$0.00
Engineering										
Principal Engineer	\$280.00	8		4					12	\$3,360.00
Sr. Supervising Engineer	\$250.00	16		16					32	\$8,000.00
Senior Engineer	\$185.00	20		24					44	\$8,140.00
Project Engineer	\$155.00	24							24	\$3,720.00
Senior CADD Technician	\$120.00								0	\$0.00
Sub Total									112	\$23,220.00
Construction										
Director of Construction	\$185.00				12				12	\$2,220.00
Construction Manager	\$170.00				24				24	\$4,080.00
Senior Field Representative	\$135.00				48				48	\$6,480.00
Sub Total									84	\$12,780.00
Surveying										
Principal Surveyor	\$225.00								0	\$0.00
Professional Land Surveyor	\$180.00								0	\$0.00
Project Surveyor	\$155.00								0	\$0.00
Senior CADD Technician	\$115.00								0	\$0.00
Survey Laserscan Crew	\$330.00								0	\$0.00
Survey Crew (3 Man)	\$200.00								0	\$0.00
Sub Total									0	\$0.00
Landscape Arch./ Planning										
Principal LA Planner	\$225.00								0	\$0.00
Sr Supervising LA	\$180.00								0	\$0.00
Sr. Project LA Planner	\$175.00								0	\$0.00
Project LA Planner	\$150.00								0	\$0.00
Senior CADD Technician	\$115.00								0	\$0.00
Sub Total									0	\$0
Cost per Task		\$13,660.00	\$0.00	\$9,560.00	\$8,700.00	\$0.00	\$0.00	\$0.00		\$36,000.00
Budget per Task		\$13,660.00	\$0.00	\$9,560.00	\$8,700.00	\$0.00	\$0.00	\$0.00		\$31,920.00
Subconsultants										
Electrical - Hillers			\$20,147.00		\$14,357.00					\$0.00
Structural - TRC										\$34,504.00
Subconsultants Sub Total		\$0.00	\$20,147.00	\$0.00	\$14,357.00	\$0.00	\$0.00	\$0.00		\$34,504.00
Total		\$13,660.00	\$20,147.00	\$9,560.00	\$23,057.00	\$0.00	\$0.00	\$0.00		
Direct Expenses						\$500.00				\$500.00
Contingeny							\$10,000.00			\$10,000.00
Grand Total		\$13,660.00	\$20,147.00	\$9,560.00	\$23,057.00	\$500.00	\$10,000.00	\$0.00		\$76,924.00