

April 5, 2018

Mr. Aqeel Abdool-Ghany
Engineer III
Department of Public Works
City of Hallandale Beach
630 NW 2nd Street
Hallandale Beach, Florida 33009

**RE: CITY OF HALLANDALE BEACH
PS 08 REPLACEMENT
CTA PROPOSAL NO. 2018-S04.108 (REVISED)**

Dear Aqeel,

The firm of Craven Thompson & Associates, Inc. (CTA) is pleased to provide you with the following proposal for professional engineering services through our Continuing Service Contract FY 2013-2014-006, for the above referenced project.

I. ENGINEERING SERVICES

Task 1 - Design

Prepare plans for the proposed replacement of Pump Station 08 for review at the 60% design phase, 90% design phase, and 100% design phase. Design will be based on data (survey, geotechnical investigation, 30% design plans) generated as part of the previously completed Design Criteria Package project. Plans shall include sufficient information for permitting and bidding purposes. Task includes attendance at review meetings with the City at each design phase.

Lump Sum.....\$47,105.00

Task 2 - Permitting

Obtain engineering design permits to allow the City to bid out the construction of the project. This item includes processing of the permit applications and responding to all permit agencies comments. This item does not include permits fees, which are to be provided by the City.

- FDEP/BCEPGMD Wastewater Permits
- City of Hallandale Beach Engineering and Building Department

It is anticipated that the Contractor shall acquire the dewatering permit including potential environmental requirements established by SFWMD and BCEPGMD.

Lump Sum.....\$7,750.00

CRAVEN THOMPSON



& ASSOCIATES INC.

Engineers
Planners
Surveyors
Landscape Architects

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

Task 3 - Bidding Services

Assist the City in preparing the Bid Documents including incorporating the City's front-end documents. Construction Documents shall be provided to the City to acquire bids. The Bid shall be a unit price contract and a bid schedule will be provided. The City shall provide the front-end documents and procurement. This task includes responses to bidder questions, plan and document revisions for Addendum (if necessary), assist the City is preparing Addendum Package and Bid Review.

- Respond to Request for Information (RFI) from prospective bidders.
- Provide supplement information to prospective bidders as necessary, and issue addenda during the bid process.
- Review all bids to determine the most responsible and responsive bidder and provide the City with a recommendation for award of the construction contract.
- The following meetings are included in this task:
 - One (1) meeting with the City for pre-bid-meeting.

Lump Sum.....\$7,585.00

Task 4 - Construction Phase Services

Provide field observation and inspection services for the proposed project. The field observations and inspections are estimated at ten (10) hours per week for a construction period of twenty (20) weeks for a senior inspector (200 hrs.). Services include review of shop drawings and product submittals, review of contractor pay applications, site visits, testing observation, attendance at meetings (up to 20 hours), coordination with City's construction manager, part time on-site observations/verification of construction in progress (including observation of specialized field tests) to determine if construction is proceeding in substantial accordance with the Contract Documents and consider and evaluate Construction Contractor's suggestions for modifications in drawings or specifications. Shop drawing logs, RFI logs, and inspection reports will be maintained and provided to the City.

Hourly, Not to Exceed.....\$34,430.00

Task 5 - Project Closeout

- Attendance at the pump station startup to verify that it will be capable of performing per the required design and prepare a recommendation or project acceptance for the City.
- Coordinate and process closeout services to all relevant permitting agencies once satisfactory as-builts have been provided by CONTRACTOR, this does not include preparation of survey information for as-builts.

Lump Sum.....\$6,835.00

SUMMARY OF FEES

DESIGN SERVICES	\$47,105.00
PERMITTING	\$7,750.00
BIDDING AND AWARD SERVICES	\$7,585.00
SERVICES DURING CONSTRUCTION.....	\$34,430.00
PROJECT CLOSEOUT	\$6,835.00
REIMBURSABLES.....	\$500.00
GRAND TOTAL	\$104,205.00

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 consulting services.
2. Material testing.
3. Any services required in connection with threatened or endangered species.
4. Services required by additional governmental regulations which might be put into effect after the date of this agreement.
5. Any additional services requested by Client.
6. Traffic Analysis or Study.
7. Structural related design, calculations, inspections, and certifications.

Acceptance

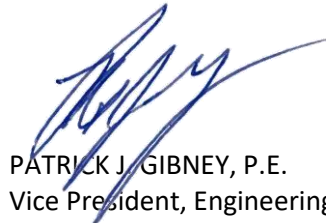
This proposal and fee schedules are based on acceptance within 90 days of the date of preparation. If not accepted by you within that time period, we reserve the right to re-evaluate the terms and conditions contained herein.

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

ACCEPTANCE OF PROPOSAL: The above fees, terms, conditions, and specifications are satisfactory and are hereby accepted. You are authorized to do the work as specified. Payment will be made as outlined.

THIS PROPOSAL ACCEPTED BY:

Name & Title

Firm Name

Date

Telephone Number

Facsimile Number

CITY OF HALLANDALE BEACH
PUMP STATION 08 REPLACEMENT

TASK	TASK DURATION	DURATION (From to Notice-to-Proceed to Task Completion)
60% Design Plans	60 days	60 days
90% Design Plans & Specifications	45 days	105 days
Permitting	90 days	195 days
100% Plans & Final Bid Package	30 days	225 days
Bidding	45 days	270 days
Construction Services	140 days	410 days
Project Closeout	30 days	440 days

Note: Duration of tasks includes 1 week for City review of plans and submittals.

Pump Station 08 Replacement		CTA Estimated Fee Summary													version date: 4/04/2018 Craven Thompson & Associates		
2015 Hourly Rates		\$75.00	\$90.00	\$80.00	\$90.00	\$140.00	\$120.00	\$110.00	\$125.00	\$155.00	\$110.00	\$130.00	\$175.00	\$195.00	Special		
TASK	(Description, See Exhibit "A")	Cler	Sr. Tech	Inspect	Sr. Inspect	CM	PSM	Project Surveyor	S. Crew 2 Man	Prin Surv	Eng	Sr. Eng	Senior Sup. Eng	Prin. Eng	Sub	Total Hrs.	Fee
1	Design																
	Hours	16	56	0	0	0	0	0	0	0	100	120	24	8		324	\$47,105
	Sub-Total Fee	\$1,200	\$5,040	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$11,000	\$15,600	\$4,200	\$1,560			
	Hillers (electrical)														\$8,505		
2	Permitting																
	Hours	8	8	0	0	0	0	0	0	0	16	16	8	4		60	\$7,750
	Sub-Total Fee	\$600	\$720	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$1,760	\$2,080	\$1,400	\$780			
	Hillers (electrical)														\$410		
3	Bidding and Award																
	Hours	8	0	0	0	0	0	0	0	0	16	16	8	4		52	\$7,585
	Sub-Total Fee	\$600	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$1,760	\$2,080	\$1,400	\$780			
	Hillers (electrical)														\$965		
4	Services During Construction																
	Hours	16	0	0	120	24	0	0	0	0	0	32	16	4		212	\$34,430
	Sub-Total Fee	\$1,200	\$0	\$0	\$10,800	\$3,360	\$0	\$0	\$0	\$0	\$0	\$4,160	\$2,800	\$780			
	Hillers (electrical)														\$11,330		
5	Project closeout																
	Hours	4	0	0	8	8	0	0	0	0	0	4	4	4		32	\$6,835
	Sub-Total Fee	\$300	\$0	\$0	\$720	\$1,120	\$0	\$0	\$0	\$0	\$0	\$520	\$700	\$780			
	Hillers (electrical)														\$2,695		
Reimbursables																	\$500
TOTAL FEE (including reimbursables)		52	64	0	128	32	0	0	0	0	132	188	60	24		680	\$104,205
		7.6%	9.4%	0.0%	18.8%	4.7%	0.0%	0.0%	0.0%	0.0%	19.4%	27.6%	8.8%	3.5%			