

RICHARD L. BOWEN + ASSOCIATES INC.

216.491.9300

August 21, 2018

Mayor Robert Weger
City of Willoughby Hills
35405 Chardon Road
Willoughby Hills, Ohio 44094

FAX . 491 . 8053

13000 SHAKER BLVD

RE: Stratford Pump Station
Willoughby Hills, Ohio
RLB+A #7986.35
RLB+A Contact: Pietro A. DiFranco, P.E.

CLEVELAND OHIO 44120

WWW.RLBA.COM

Dear Mayor Weger:

We are pleased to submit this proposal for your consideration on the above-captioned project. The following is our understanding of the project scope, and estimate of professional fees:

PROJECT DESCRIPTION

The project consists of installing a pump in an existing manhole to discharge the sanitary system during heavy rain in an effort to reduce overflow and flooding. The manhole will be supplied with a pump, piping, controls, and an above ground enclosure as manufactured by Flygt or equal. A second pump will also be supplied and stored as a backup. Additionally, a 330 lineal foot, 2 inch diameter, sanitary force main will be installed directly by the City's Service Department which discharges into the Chardon Rd sanitary sewer main. The opinion of probable construction cost is approximately \$40,194.00 (see attached estimate).

SCOPE OF SERVICES

- Serve as the authorized representative of the city and supervise the execution of the project work, including resident/HOA coordination and meetings as needed.
- Design and Document Preparation: Plans, specifications, cost estimate, and bid documents as needed.
- Bidding Assistance: Respond to bidder questions, tabulate and evaluate bids, assess contractor's ability, and make recommendation for award.
- Construction Administration: Respond to contractor questions, review contractor submittals, perform site visits, review change orders, review contractor payments, perform punch list and project close-out.

ARCHITECTS

ENGINEERS

CONSTRUCTION MANAGERS

Mayor Robert Weger
 June 15, 20178
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PROFESSIONAL SERVICES FEE

Based on Section 2.2 & 2.3 of the "AGREEMENT Between CITY OF WILLOUGHBY HILLS, OHIO & RICHARD L. BOWEN + ASSOCIATES, INC. For CITY ENGINEERING SERVICES", the Base Professional Services Fee is estimated to be:

1.	Consulting Services		\$ 5,000.00
	A	City Engineer or Asst. City Engineer (50 hrs @ \$96/hr)	\$4,800.00
	B	Normal reimbursable expenses such as travel, reproduction, printing, & shipping will be invoiced at 1.1 times direct cost	\$200.00
2.	Electrical Engineering		\$ 1,000.00
Total Base Fee			\$ 6,000.00

Please note, this is an estimate of anticipated hours. Invoices will be based on actual time spent plus normal reimbursable expenses, not to exceed the limits set above without prior authorization.

Please indicate your acceptance of this proposal by signing below, and providing a city-issued purchase order.

Sincerely,

RICHARD L. BOWEN + ASSOCIATES INC.

Allan Renzi, A.I.A
 Principal

City of Willoughby Hills Acceptance:

 Robert Weger, Mayor Date

cc: Contract File

P:\7986\7986.00NB General City Engineering Services\2018-Stratford Pump Station\Proposal-Stratford PS 180821.docx

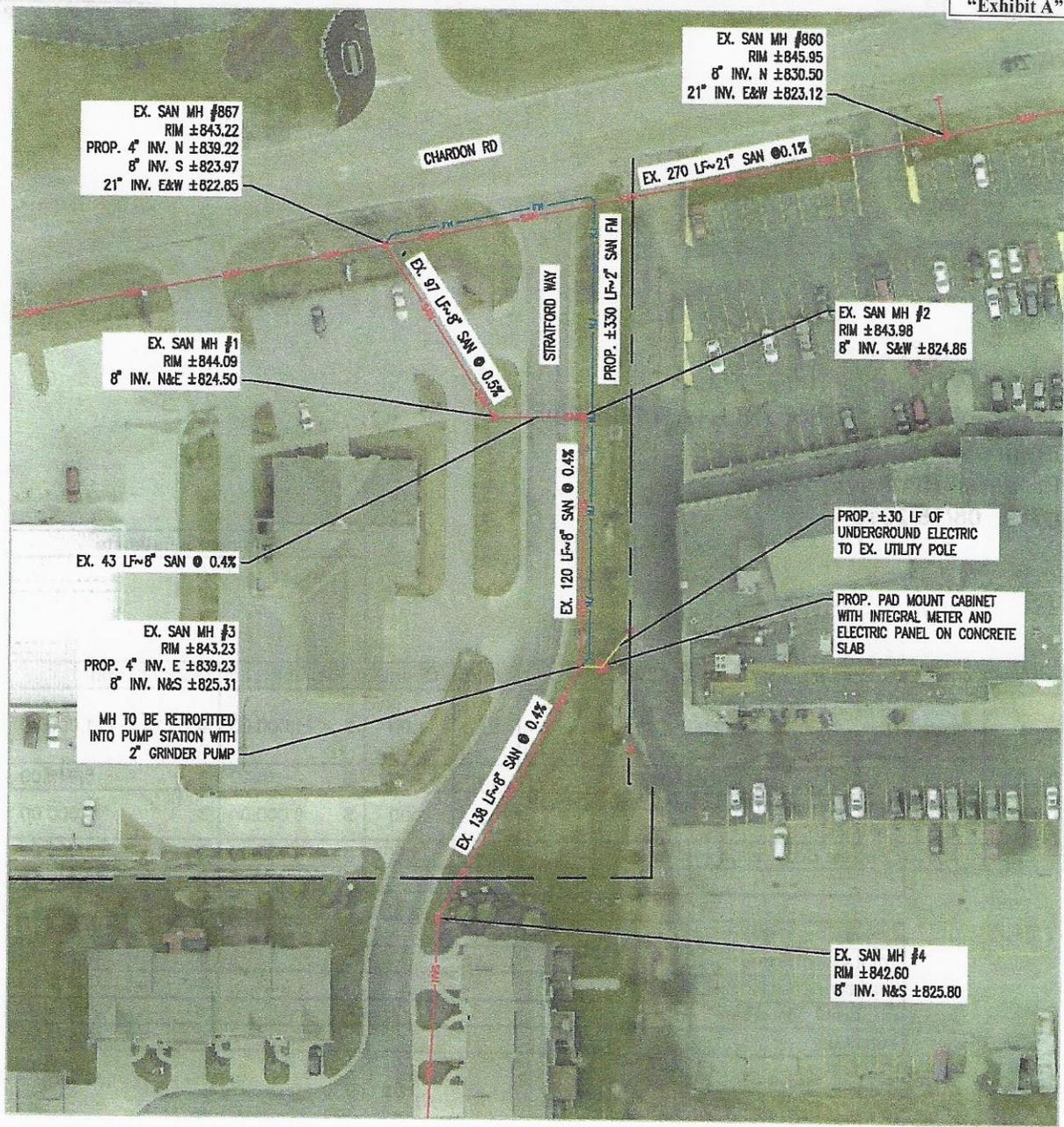
City of Willoughby Hills
 Startford Pump Station (RLB+A # 7986.00)
 Engineer's Estimate
 Prepared By: Kevin Trepal
 Date: 08/15/2018

						Engineer's Estimate	
No.	ODOT	Description	Units	Quant.	Unit Pr.	Total	
1	SPCL	Pump Station Retrofit - Complete w/ Pump, Floats, Control Box, Piping, Etc. (By Buckeye Pumps)	L.S.	1.00	\$ 21,000.00	\$ 21,000.00	
2	SPCL	2" PVC Sch 80 San Force Main (By City)	L.F.	330.00	\$ 18.00	\$ 5,940.00	
3	SPCL	Electric Service to Pump Station (By Electrical Contractor)	L.S.	1.00	\$ 9,000.00	\$ 9,000.00	
4	451	Concrete Electrical Cabinet Pad	S.F.	24.00	\$ 25.00	\$ 600.00	
BID TOTALS (Base):						\$ 36,540.00	

Contingency (10%)	\$ 3,654.00
Total Construction	\$ 40,194.00
Engineering (Excluding CA)	\$ 5,000.00
Electrical Engineering	\$ 1,000.00
Total Cost	\$ 46,194.00

Notes:

- 1.
- 2.



OPINION OF PROBABLE COST						
ITEM NO.	COOT ITEM	DESCRIPTION	QUANTITY	UNIT	UNIT PRICE	COST
1	SPCL	PUMP STATION RETROFIT - COMPLETE (BUCKETE PUMPS)	1	LS	\$21,000.00	\$21,000.00
2	SPCL	2" PVC SCHEDULE 80 SANITARY FORCE MAIN (CITY)	330	LF	\$18.00	\$5,940.00
3	SPCL	ELECTRIC SERVICE TO PUMP STATION - COMPLETE (ELECTRICAL CONTRACTOR)	1	LS	\$9,000.00	\$9,000.00
4	451	CONCRETE ELECTRICAL CABINET PAD (ELECTRICAL CONTRACTOR)	24	SF	\$25.00	\$600.00
SUBTOTAL CONSTRUCTION						\$36,540.00
CONTINGENCY (10%)						\$3,654.00
TOTAL CONSTRUCTION						\$40,194.00
ENGINEERING (EXCLUDING C.A.)						\$5,000.00
ELECTRICAL ENGINEERING						\$1,000.00
TOTAL COST						\$46,194.00

DESCRIPTION:
 INSTALLATION OF ±330 LF OF SANITARY FORCE MAIN AND CONVERSION OF A SANITARY MANHOLE INTO AN EMERGENCY PUMP STATION TO PREVENT FLOODING DURING EXTREME RAIN EVENTS.

RICHARD L. BOWEN AND ASSOCIATES INC.
 13060 SPENCER BOULEVARD, CLEVELAND, OHIO 44120
 (216) 491-8300 — FAX 491-8053

7986.00NB 1"=50'
 SCALE

ISSUED FOR
 REVIEW

STRATFORD PUMP STATION
 WILLOUGHBY HILLS, OHIO
 STRATFORD WAY 08/15/18
 SK01-01