

BELL ENGINEERING
A.S. BELL ENGINEERING, PC

August 31, 2021

Marcus Serrano, Village Administrator
Village of Buchanan
Municipal Building
236 Tate Avenue
Buchanan, NY 10511

RE: PROPOSAL – Engineering Services - Village Pool – New Wading Pool Design
BE# 221-065

Dear Mr. Serrano:

A. S. Bell Engineering, P.C. is pleased to provide you with this Proposal for Engineering Services for the above referenced project. A. S. Bell Engineering, P.C. brings to the Village of Buchanan over forty-eight (48) years of structural engineering experience in bridges, buildings, retaining walls and other structures, as well as over twenty (20) years specifically in swimming pool design. This project involves the design of a new wading pool to replace the function of the obsolete existing wading pool. The following is our Scope of Services for this project:

Scope of Services:

Phase 1 – Geometric Study

1. Provide a sketch design showing overall dimensions of the proposed pool, including the length, width and depth(s), and the number of children the pool can accommodate.
2. Provide copies of plans to interested parties of the Village of Buchanan Board.
3. Attend virtual meeting to discuss plan.

Phase 2 – Preliminary Design

1. Provide preliminary plans of the new wading pool, incorporating comments from Phase 1 meeting.
2. Design the new wading pool, including, skimmers, main drains, new filtration system and surrounding concrete deck.
3. Provide a set of plans, Engineers Report (DOH-1309), pump head loss calculations, equipment manufacturer's information (cut sheets), and other supporting data to the WCDOH for review.

Phase 3 – Final Design

1. Address the comments generated by WCDOH from their review.
2. Provide three (3) sets of plans to WCDOH for approval.
3. Produce Construction Documents for bidding.

Phase 4 – Bidding

1. Assist the Village in the bidding phase and issuing responses to bidders questions.
2. Review the bids and recommend award.
3. Assist the Village in preparing the construction contracts.

Phase 5 – Construction

1. Provide site inspections and certifications to WCDOH for reinforcing steel and underground piping as appropriate.
2. Provide site inspection for equipment installation.
3. Inspect and certify substantial completion.
4. Attend final inspection by WCDOH.

We propose to complete the above Scope of Services for the Lump Sum Price of \$15,000.00.

Invoices shall be sent and due payable according to the following schedule:

Notice to Proceed Retainer	10%	\$ 1,500.00
Completion of Phase 1	6.7%	\$ 1,000.00
Completion of Phase 2	50%	\$ 7,500.00
Completion of Phase 3	10%	\$ 1,500.00
Completion of Phase 4	10%	\$ 1,500.00
Completion of Phase 5	13.3%	<u>\$ 2,000.00</u>
	Total	\$ 15,000.00

Work beyond the proposed scope shall be billed at the following hourly rates:

Professional Engineer	\$230.00 per hour
CADD Drafter	\$130.00 per hour

Proposal Assumptions

1. This project is for the construction of the pools in 2022. The WCDOH fees will be paid by others.
2. All existing plans shall be made available to A. S. Bell Engineering, P.C. .
3. The new wading pool **will not** be designed as a splash pad.
4. This proposal does not include the upgrade of any features of the existing Main Pool, deck, or bathhouse.

Please contact us if you have any questions with this Proposal.

If you are in agreement with this Proposal, please sign the Acceptance below, and return one copy to us.

Thank you for considering A. S. Bell Engineering, P.C. .

Sincerely yours:



A. S. Bell Engineering, P.C.
Andrew S. Bell, P.E.,
President

ACCEPTANCE:

We hereby accept the above Scope of Services and fee and authorize the commencement of work.

BY: _____ DATE: _____

A.S. BELL ENGINEERING, PC