

October 7, 2021

Mr. Bill McKenna, P.E.
Village Engineer
Village of Oak Park
201 South Blvd
Oak Park, IL 60302

Subject: Village of Oak Park – Central Pump Station Upgrades

Dear Mr. McKenna:

We are pleased to submit this proposal for engineering design services to assist the Village with replacement of the two pit pumps, rebuilding of the two floor pumps, replacement of the four outlet check valves, and replacement of the variable frequency drives (VFDs) at the Central Pump Station. The *2017 Pump Station Energy Study*, published on June 4, 2018 by Ciorba Group, included recommendations and alternatives to replace or repair the equipment within the Central Pump Station, which are nearing or at their end of useful life consideration.

DESIGN SCOPE OF SERVICES

1. PROJECT ADMINISTRATION AND MEETINGS

- A. Plan, schedule and control the activities necessary to complete the project. These activities include budget, schedule, scope and performance.
- B. Confer with the Village Staff, from time to time, to clarify progress of the project and discuss changes to the project scope.
- C. Arrange and attend three (3) meetings with Village's staff. Meetings may be virtual using MS Teams if needed.
 - (1) Kickoff meeting.
 - (2) Preliminary design review meeting.
 - (3) Final design review meeting.

2. PRELIMINARY DESIGN

- A. Contact local representative of the preferred pump manufacturer to determine availability of the same model or current replacement model of the existing pumps as well as cost and availability.

- B. Review available space to install a new low headloss check valve. Select valve to work in tandem with the pumps for efficient operation with a variable frequency drive.
- C. Review manufacturer recommendations for pump and pipe configuration as well as the latest edition of the Hydraulic Institute installation recommendations.
- D. Prepare summary of pump alternatives, check valve alternatives, and VFD alternatives at the Central Pump Station.
- E. Prepare preliminary pipe and pump layout showing existing and proposed pumps, check valves, and VFDs.
- F. Prepare preliminary opinion of probable construction costs.

3. FINAL DESIGN

- A. Prepare final design drawings showings pump and pipe layout, details, and technical specifications for the removal of the existing pumps and installation of new pumps, check valves, as well as replacement of the existing variable frequency drives with the latest model available from the same manufacturer. Installation including pump inlet and outlet configuration will conform to manufacturer recommendations as well as the recommendations of the Hydraulic Institute.
- B. Prepare final opinion of probable construction costs.
- C. Furnish the Village with digital copy of Drawings in PDF format for solicitation of proposals.

4. IEPA PERMIT ACQUISITION

- A. Prepare all required documents including detailed drawings and specification and submit documents to the IEPA for review, approval, and issuance of a Construction Permit for the two reservoir high service pumps.
- B. Work with IEPA reviewers to secure the IEPA Construction Permit.
- C. Provide the Village with a digital copy of the drawing approved by the IEPA.

5. BIDDING ASSISTANCE

- A. Assist the Village in solicitation of construction bids from as many qualified bidders as possible.

- B. Attend a pre-bid conference with interested contractors to provide “firsthand” knowledge of site conditions that could affect the construction.
- C. Respond to the bidders’ questions on the construction contract and design documents. Issue a maximum of two (2) addendum revising construction contract and/or design documents as necessary including the addendum following the pre-bid conference.
- D. Attend the bid opening and tabulate bid proposals, make an analysis of the bids, and submit recommendations for the award of construction contract.

Owner Responsibilities:

- a) Furnish copies of available previous drawings of the building interior including pump and pipe configuration.
- b) Furnish copies of the existing pump, motor, and VFD data.

CONSTRUCTION SCOPE OF SERVICES

- 1. Act as the Owner’s representative with duties, responsibilities and limitations of authority as assigned in the construction contract documents.
- 2. PROJECT INITIATION
 - A. Prepare Award Letter, Agreement, Contract Documents, Performance/Payment Bonds, and Notice to Proceed. Receive Contractor insurance documents.
 - B. Attend and prepare minutes for the preconstruction conference, and review the Contractor’s proposed construction schedule and list of subcontractors.
- 3. CONSTRUCTION ADMINISTRATION
 - A. Attend up to three (3) periodic construction progress meetings.
 - B. Shop drawing and submittal review by Engineer shall apply only to the items in the submissions and only for the purpose of assessing, if upon installation or incorporation in the Project, they are generally consistent with the construction documents. Owner agrees that the contractor is solely responsible for the submissions (regardless of the format in which provided, i.e. hard copy or electronic transmission) and for compliance with the contract documents. Owner further agrees that the Engineer’s review and action in relation to these submissions shall not constitute the provision of means, methods, techniques, sequencing or procedures of construction or extend to safety programs or precautions. Engineer’s consideration of a component does not constitute acceptance of the assembled item.
 - C. Review construction record drawings for completeness prior to submission to CADD.

- D. Prepare up to one (1) construction contract change orders and work directives when authorized by the Owner.
- E. Review up to four (4) Contractor's requests for payments as construction work progresses, and advise the Owner of amounts due and payable to the Contractor in accordance with the terms of the construction contract documents.
- F. Research and prepare written response by Engineer to request for information from the Owner and Contractor.
- G. Project manager or other office staff visit site as needed.

4. FIELD OBSERVATION – PART TIME

- A. Engineer will provide a Resident Project Representative at the construction site on a periodic part-time basis from the Engineer' office of not more than six (6) hours per regular weekday, not including legal holidays (approximately six (6) hours per week, for up to seventy-six (76) hours) as deemed necessary by the Engineer, to assist the Contractor with interpretation of the Drawings and Specifications, to observe in general if the Contractor's work is in conformity with the Final Design Documents, and to monitor the Contractor's progress as related to the Construction Contract date of completion.
- B. Through standard, reasonable means, Engineer will become generally familiar with observable completed work. If the Engineer observes completed work that is inconsistent with the construction documents, that information shall be communicated to the contractor and Owner to address. Engineer shall not supervise, direct, control, or have charge or authority over any contractor's work, nor shall the Engineer have authority over or be responsible for the means, methods, techniques, sequences, or procedures of construction selected or used by any contractor, or the safety precautions and programs incident thereto, for security or safety at the site, nor for any failure of any contractor to comply with laws and regulations applicable to such contractor's furnishing and performing of its work. Engineer neither guarantees the performance of any contractor nor assumes responsibility for any contractor's failure to furnish and perform the work in accordance with the contract documents, which contractor is solely responsible for its errors, omissions, and failure to carry out the work. Engineer shall not be responsible for the acts or omissions of any contractor, subcontractor, or supplier, or of any of their agents or employees or any other person, (except Engineer's own agents, employees, and consultants) at the site or otherwise furnishing or performing any work; or for any decision made regarding the contract documents, or any application, interpretation, or clarification, of the contract documents, other than those made by the Engineer.
- C. Part-Time Field Observation provides that the Resident Project Representative will make intermittent site visits to observe the progress and quality of Contractor's executed Work. Part-Time Field Observation does not guarantee the Engineer will

observe or comment on work completed by the contractor at times the Resident Project Representative is not present on site. Such visits and observations by the Resident Project Representative, if any, are not intended to be exhaustive or to extend to every aspect of Contractor's Work in progress or to involve detailed inspections of Contractor's Work in progress beyond the responsibilities specifically assigned to Engineer in this Agreement and the Contract Documents, but rather are to be limited to spot checking, selective sampling, and similar methods of general observation of the Work based on Engineer's exercise of professional judgment as assisted by the Resident Project Representative, if any.

- D. Provide the necessary base lines, benchmarks, and reference points to enable the Contractor to proceed with the work.
- E. Keep a daily record of the Contractor's work on those days that the Engineers are at the construction site including notations on the nature and cost of any extra work.

5. SUBSTANTIAL COMPLETION OF PROJECT

- A. Provide construction inspection services when notified by the Contractor that the Project is substantially complete. Prepare written punch lists during substantial completion inspections.
- B. Prepare Certificate of Substantial Completion.

6. COMPLETION OF PROJECT

- A. Provide construction inspection services when notified by the Contractor that the Project is complete. Prepare written punch lists during final completion inspections.
- B. Review the Contractor's written guarantees and issue a Notice of Acceptability for the Project by the Owner.
- C. Review the Contractor's requests for final payment, and advise the Owner of the amounts due and payable to the Contractor in accordance with the terms of the construction contract documents.
- D. Prepare construction record drawings which show field measured dimensions of the completed work which the Engineers consider significant and provide the Owner with an electronic copy within ninety (90) days of the Project completion.

- 7. PROJECT CLOSEOUT – Provide construction-related engineering services including, but not limited to, General Construction Administration and Resident Project Representative Services.

ENGINEERING FEE

The Village shall pay the Engineer for the services performed or furnished, based upon the Engineer's standard hourly billing rates for actual work time performed plus reimbursement of out-of-pocket expenses including travel, which in total will not exceed \$43,500 for Design Services and \$37,500 for Construction Services for a total not to exceed of \$81,000.

The attached Standard Terms and Conditions apply to this Proposal. If you find this Proposal acceptable, **please sign and return one copy for our files.** If you have any questions or need additional information, please contact Sean O'Dell at 815-482-7853 or via email at sodell@baxterwoodman.com.

Sincerely,

BAXTER & WOODMAN, INC.
CONSULTING ENGINEERS



Sean O'Dell, P.E.
Vice President Water & Region Manager

Attachment

C:

VILLAGE OF OAK PARK, ILLINOIS

ACCEPTED BY: _____

TITLE: _____

DATE: _____

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STANDARD TERMS AND CONDITIONS

PLEASE READ THESE STANDARD TERMS AND CONDITIONS ("TERMS") CAREFULLY BEFORE EXECUTING THE LETTER PROPOSAL PRESENTED BY BAXTER & WOODMAN, INC. ("BW"). BY EXECUTING THE LETTER PROPOSAL, OWNER AGREES TO BE BOUND BY THESE TERMS, THE PROVISIONS OF THE LETTER PROPOSAL, AND THE PROVISIONS OF ANY DOCUMENT REFERRING TO THESE TERMS OR THE LETTER PROPOSAL, ALL OF WHICH SHALL COLLECTIVELY CONSTITUTE THE "AGREEMENT".

Owner's Responsibility – Provide BW with all criteria and full information for the "Project", which is generally otherwise identified in the Letter Proposal. BW will rely, without liability, on the accuracy and completeness of all information provided by the Owner (as defined in the Letter Proposal) including its consultants, contractors, specialty contractors, subcontractors, manufacturers, suppliers and publishers of technical standards ("Owner Affiliates") without independently verifying that information. The Owner represents and warrants that all known hazardous materials on or beneath the site have been identified to BW. BW and their consultants shall have no responsibility for the discovery, presence, handling, removal or disposal of, or exposure of persons to, unidentified or undisclosed hazardous materials unless this service is set forth in the Letter Proposal.

Schedule for Rendering Services - The agreed upon services shall be completed within a reasonable amount of time. If BW is hindered, delayed or prevented from performing the services as a result of any act or neglect of the Owner, any Owner Affiliate, or force majeure event, BW's work shall be extended and the rates and amounts of BW's compensation shall be equitably adjusted in a written instrument executed by all Parties.

Invoices and Payments - The fees to perform the proposed scope of services constitutes BW's estimate to perform the agreed upon scope of services. Circumstances may dictate a change in scope, and if this occurs, an equitable adjustment in compensation and time shall be agreed upon by all Parties by written agreement. No service for which added compensation will be charged will be provided without first obtaining written authorization from the Owner. BW invoices shall be due and owing by Owner in accordance with the terms and provisions of the State of Illinois Local Government Prompt Payment Act (50 ILCS 505/1 et seq.).

Opinion of Probable Construction Costs - BW's opinion of probable construction costs represents its reasonable judgment as a professional engineer. Owner acknowledges that BW has no control over construction costs or contractor's methods of determining prices, or over competitive bidding, or market conditions. BW cannot and does not guarantee that proposals, bids, or actual construction costs will not vary from BW's opinion of probable construction costs.

Standards of Performance – (1) The standard of care for all services performed or furnished by BW will be the same care and skill ordinarily used by professionals practicing under similar circumstances, at the same time and in the same locality on similar projects. BW makes no warranties, express or implied, in connection with its services; (2) BW shall be responsible for the technical accuracy of its services and documents; (3) BW shall use reasonable care to comply with applicable laws, regulations, and Owner-mandated standards; (4) BW may employ such sub-consultants as BW deems necessary to assist in the performance or furnishing of the services, subject to reasonable, timely, and substantive objection by Owner; (5) BW shall not supervise, direct, control, or have authority over any contractors' work, nor have authority over or be responsible for the means, methods, techniques, sequences, or procedures of construction selected or used by any contractor, or the safety precautions and programs incident thereto, for security or safety at the site, nor for any failure of any contractor to comply with laws and regulations applicable to such contractor's furnishing and performing of its work; (6) BW neither guarantees the performance of any contractor nor assumes responsibility for any contractor's failure to furnish and perform the work in accordance with the contract documents; (7) BW is not acting as a municipal advisor as defined by the Dodd-Frank Act. BW shall not provide advice or have any responsibility for municipal financial products or securities; (8) BW is not responsible for the acts or omissions of any contractor, subcontractor, or supplier, or any of their agents or employees or any other person at the site or otherwise furnishing or performing any work; (9) Shop drawing and submittal review by BW shall apply only to the items in the submissions and only for the purpose of assessing if, upon installation or incorporation in the Project work, they are generally consistent with the contract documents. Owner agrees that the contractor is solely responsible for the submissions (regardless of the format in which provided, i.e. hard copy or electronic transmission) and for compliance with the construction documents. Owner further agrees that BW's review and action in relation to these submissions shall not constitute the provision of means, methods, techniques, sequencing or procedures of construction or extend to safety programs or precautions. BW's consideration of a component does not constitute acceptance of the assembled item; (10) BW's site observation during construction shall be at the times agreed upon in the Project scope. Through standard, reasonable means, BW will become generally familiar with observable completed work. If BW observes completed work that is inconsistent with the construction documents, information shall be communicated to the contractor and Owner for them to address.

Insurance - BW will maintain insurance coverage with the following limits and Certificates of Insurance will be provided to the Owner upon written request:

Worker's Compensation:	Statutory Limits	Excess Umbrella Liability:	\$10 million per claim and aggregate
General Liability:	\$1 million per claim	Professional Liability:	\$5 million per claim
	\$2 million aggregate		\$5 million aggregate
Automobile Liability:	\$1 million combined single limit		

In no event will BW's collective aggregate liability under or in connection with this Agreement or its subject matter, based on any legal or equitable theory of liability, including breach of contract, tort (including negligence), strict liability and otherwise, exceed the contract sum to be paid to BW's under this Agreement. Any claim against BW arising out of this Agreement may be asserted by the Owner, but only against the entity and not against BW's directors, officers, shareholders or employees, none of whom shall bear any liability and may not be subject to any claim.

Indemnification and Mutual Waiver – (1) To the fullest extent permitted by law, BW shall indemnify and hold harmless the Owner and its officers and employees from claims, costs, losses, and damages (“Losses”) arising out of or relating to the Project, provided that such Losses are attributable to bodily injury, sickness, disease, or death, or to injury to or destruction of tangible property, including the loss of use resulting therefrom, but only to the extent caused by any grossly negligent act or omission of BW; (2) To the fullest extent permitted by law, Owner shall indemnify and hold harmless BW and its officers, directors, employees, agents and consultants from and against any and all Losses (including but not limited to all fees and charges of engineers, architects, attorneys, and other professionals, and all court, arbitration, or other dispute resolution costs) arising out of or relating to the Project provided that any such Losses are attributable to bodily injury, sickness, disease, or death, or to injury to or destruction of tangible property, including the loss of use resulting therefrom, but only to the extent arising out of or occurring in connection with the Owner’s, or Owner’s officers, directors, employees, consultants, agents, or others retained by or under contract to the Owner, negligent act or omission, willful misconduct, or breach of this Agreement; (3) To the fullest extent permitted by law, Owner and BW waive against each other, and the other’s employees, officers, directors, insurers, and consultants, any and all claims for or entitlement to special, incidental, indirect, enhanced, punitive, or consequential damages, in each case regardless of whether such party was advised of the possibility of such losses or damages or such losses or damages were otherwise foreseeable, and notwithstanding the failure of any agreed or other remedy of its essential purpose; (4) In the event Losses or expenses are caused by the joint or concurrent fault of the BW and Owner, they shall be borne by each party in proportion to its respective fault, as determined by a mediator or court of competent jurisdiction; (5) The Owner acknowledges that BW is a business corporation and not a professional service corporation, and further acknowledges that the corporate entity, as the party to this contract, expressly avoids contracting for individual responsibility of its officers, directors, or employees. The Owner and BW agree that any claim made by either party arising out of any act of the other party, or any officer, director, or employee of the other party in the execution or performance of the Agreement, shall be made solely against the other party and not individually or jointly against such officer, director, or employees.

Termination - Either party may terminate this Agreement upon ten (10) business days’ written notice to the other party in the event of failure by the other party to comply with the terms of the Agreement through no fault of the terminating party. A condition precedent to termination shall be conformance with the Dispute Resolution terms below. If this Agreement is terminated, Owner shall receive reproducible copies of drawings, developed applications and other completed documents upon written request. Owner shall be liable, and shall promptly pay BW, for all services and reimbursable expenses rendered through the effective date of suspension/termination of services.

Use of Documents – All BW documents (data, calculations, reports, Drawings, Specifications, Record Drawings and other deliverables, whether in printed form or electronic media format, provided by BW to Owner pursuant to this Agreement) are instruments of service and BW retains ownership and property interest therein (including copyright and right of reuse). Owner shall not rely on such documents unless in printed form, signed or sealed by BW or its consultant. Electronic format of BW’s design documents may differ from the printed version and BW bears no liability for errors, omissions or discrepancies. Reuse of BW’s design documents is prohibited and Owner shall defend and indemnify BW from all claims, damages, losses and expenses, including attorney’s fees, consultant/expert fees, and costs arising out of or resulting from said reuse. Project documents will be kept for time periods set forth in BW’s document retention policy after Project closeout.

Successors, Assigns, and Beneficiaries – Nothing in this Agreement shall be construed to create, impose, or give rise to any duty owed by Owner or BW to any third party, including any lender, contractor, subcontractor, supplier, manufacturer, other individual, entity or public body, or to any surety for or employee of any of them. All duties and responsibilities undertaken pursuant to this Agreement are for the sole and exclusive benefit of the Owner and BW and not for the benefit (intended, unintended, direct or indirect) of any other entity or person.

Dispute Resolution - All disputes between the Parties shall first be negotiated between executives who have authority to settle the dispute for a period of thirty (30) days. If unresolved, disputes shall be then submitted to mediation as a condition precedent to litigation. The mediation session shall be held within forty-five (45) days of the retention of the mediator, and last for at least one (1) full mediation day, before any party has the option to withdraw from the process. If mediation is unsuccessful in resolving a Dispute, then the parties may seek to have the Dispute resolved by a court of competent jurisdiction.

Miscellaneous Provisions – (1) This Agreement is to be governed by the law of the state or jurisdiction in which the project is located; (2) all notices must be in writing and shall be deemed effectively served upon the other party when sent by certified mail, return receipt requested; (3) all express representations, waivers, indemnifications, and limitations of liability included in this Agreement will survive its completion and/or termination for any reason; (4) any provision or part of the Agreement held to be void or unenforceable under any laws or regulations shall be deemed stricken, and all remaining provisions shall continue to be valid and binding upon the Owner and BW, which agree that the Agreement shall be reformed to replace such stricken provision or part thereof with a valid and enforceable provision that expresses the intention of the stricken provision; (5) a party’s non-enforcement of any provision shall not constitute a waiver of the provision, nor shall it affect the enforceability of that provision or of the remainder of this Agreement; (6) to the fullest extent permitted by law, all causes of action arising under this Agreement shall be deemed to have accrued, and all statutory periods of limitation shall commence, no later than the date of substantial completion, which is the point where the Project can be utilized for the purposes for which it was intended; (7) this Agreement, together with any other documents incorporated herein by reference, constitutes the sole and entire agreement of the parties with respect to the subject matter of this Agreement and supersedes all prior and contemporaneous understandings, agreements, representations and warranties, both written and oral, with respect to such subject matter; (8) no amendment to or modification of this Agreement is effective unless it is in writing and signed by each party.