

Agreement for Professional Services

This Agreement is effective as of July 20, 2020, between City of New Hampton (Client) and Short Elliott Hendrickson Inc (Consultant).

This Agreement authorizes and describes the scope, schedule, and payment conditions for Consultant's work on the Project described as: **Western Avenue and High School Area Drainage Analysis**.

Client's Authorized Representative: Bobby Schwickerath, Mayor
Address: 122 Spring Street
New Hampton, Iowa
Telephone: 641.394.5906 **email:** mayorschwicknh@gmail.com

Project Manager: Rachel Pichelmann, PE, CFM
Address: 215 North Adams
Mason City, Iowa
Telephone: 507.299.5212 **email:** rpichelmann@sehinc.com

Project Understanding: The City of New Hampton has requested engineering services to analyze and develop concepts to address flooding issues near the New Hampton High School along the eastern boundary with the residential area along Western Avenue. It is our understanding that during several high intensity rain events that have occurred, the capacity of the existing New Hampton High School bio-retention basin and existing storm sewer system is exceeded. The overflow along with runoff from the drainage area to the west contribute to an overtopping of the existing berm system and results in flooding in and around the houses located along Western Avenue.

To ensure any proposed drainage improvements will minimize the flooding issues in the area, it is imperative that the causes of the drainage issues are properly understood. This will require a watershed study of the area that will need to include the drainage to the high school bio-retention basin for nearby drainage systems that may interact with the proposed improvements. It is also necessary to ensure the drainage system downstream is analyzed to evaluate the potential effects of any recommended improvements. SEH is familiar with the issues identified above and has proposed a scope that has proven the most effective at properly identifying drainage issues and developing recommended solutions.

Scope: The Basic Services to be provided by Consultant as set forth herein are provided subject to the attached General Conditions of the Agreement for Professional Services (General Conditions Rev. 07.14.16), which is incorporated by reference herein and subject to Exhibits attached to this Agreement.

SEH proposes to prepare a hydrologic and hydraulic analysis of the watersheds and drainage systems around the New Hampton High School property. We propose to utilize existing LiDAR topographic data, supplemented with available as-built data of the ditches, pond outlets, culverts, and storm sewer systems to prepare a hydrologic and hydraulic model of the watershed and storm water management system. SEH also proposes to collect field surveyed topographic data to document the as-built condition of the school property and storm sewer system. The primary goals of the analysis are to better understand the overall function of the storm water management system and to ensure the recommended improvements will minimize the resulting flood risks in the area and the downstream receiving system.

1.1 Field/Data Collection - SEH will collect and review LiDAR topographic data, as-built plans and supplement it with field surveyed topographic data of key features. Data collection will include existing storm water conveyance systems, the bio-retention basin outlet system, and the existing berm and centerline/overtopping

elevations of the roadways in the study area. We will also perform a cursory review of available utility drawings for the area to identify potential conflicts with any recommended modifications. If the City is able to provide as-built survey data for the school property, and the information provided is useful for the hydrologic and hydraulic modeling, then the proposed survey data collection effort could be reduced.

1.2 Hydrologic and Hydraulic Analysis - SEH will perform a combined hydrologic and hydraulic analysis for the existing storm water drainage system and associated contributing drainage areas. SEH will create a dynamic 1D/2D hydrologic and hydraulic model of the watershed using XPSWMM to establish a baseline condition for the study area. The XPSWMM model will simulate the runoff from the contributing drainage areas and route the flows through the culverts and storm sewer, surface flow areas, and the bio-retention basin which make up the storm water management system in the area. Several rainfall events will be simulated, including the 10, 25, and 100 year events. This XPSWMM model will then be used to complete the following tasks.

- Determine if raising or modifying the existing berm along the eastern boundary of the high school will significantly reduce the flood risk to the residential properties along Western Avenue,
- Determine if new BMPs can be incorporated or storm sewer system modifications made to improve performance of the system, and what changes are needed to achieve that,
- Evaluate potential impacts to downstream systems with proposed improvements, and
- Identify any additional drainage issues in the area and what changes may be needed to correct or improve them.

The recommended improvements will be brought to a conceptual-level design. Final design of the preferred alternative(s) is not included in this proposed scope of work.

Example Output from 1D/2D Hydrologic and Hydraulic Analysis



Although the City of New Hampton may not have a user license for XPSWMM, a free XPViewer software is available to view the input, output, and animations as desired.

1.3 Letter Report Preparation - A letter report summarizing the results of the analysis will be created and will include planning-level cost estimates for any recommended improvements. The report will include conceptual level recommendations from which a decision can be made whether or not to move a project forward.

1.4 Meetings/Coordination – SEH will meet with the City to discuss the findings presented in the letter report. Throughout the project, ongoing coordination with the City will also take place to ensure the work completed by SEH accomplishes the City’s goals.

Schedule: Work on this project can begin immediately upon receiving a written Notice to Proceed. The work outlined in this proposal will be completed within six weeks of receiving the Notice to Proceed.

Payment: The proposed lump sum fee for the above noted scope of services is **\$11,700** including expenses and equipment.

The payment method, basis, frequency and other special conditions are set forth in attached Exhibit A-2.

This Agreement for Professional Services, attached General Conditions, Exhibits and any Attachments (collectively referred to as the "Agreement") supersedes all prior contemporaneous oral or written agreements and represents the entire understanding between Client and Consultant with respect to the services to be provided by Consultant hereunder. In the event of a conflict between the documents, this document and the attached General Conditions shall take precedence over all other Exhibits unless noted below under "Other Terms and Conditions". The Agreement for Professional Services and the General Conditions (including scope, schedule, fee and signatures) shall take precedence over attached Exhibits. This Agreement may not be amended except by written agreement signed by the authorized representatives of each party.

Other Terms and Conditions: Other or additional terms contrary to the General Conditions that apply solely to this project as specifically agreed to by signature of the Parties and set forth herein: None.

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By: Michael L. Danburg
Michael L. Danburg
Title: Client Service Manager

By: _____
Title: _____

Exhibit A-2
to Agreement for Professional Services
Between City of New Hampton (Client)
and
Short Elliott Hendrickson Inc. (Consultant)
Dated July 20, 2020

Payments to Consultant for Services and Expenses
Using the Lump Sum Basis Option

The Agreement for Professional Services is amended and supplemented to include the following agreement of the parties:

A. Lump Sum Basis Option

The Client and Consultant select the Lump Sum Basis for Payment for services provided by Consultant. During the course of providing its services, Consultant shall be paid monthly based on Consultant's estimate of the percentage of the work completed. Necessary expenses and equipment are provided as a part of Consultant's services and are included in the initial Lump Sum amount for the agreed upon Scope of Work. Total payments to Consultant for work covered by the Lump Sum Agreement shall not exceed the Lump Sum amount without written authorization from the Client.

The Lump Sum amount includes compensation for Consultant's services and the services of Consultant's Consultants, if any for the agreed upon Scope of Work. Appropriate amounts have been incorporated in the initial Lump Sum to account for labor, overhead, profit, expenses and equipment charges. The Client agrees to pay for other additional services, equipment, and expenses that may become necessary by amendment to complete Consultant's services at their normal charge out rates as published by Consultant or as available commercially.

B. Expenses Not Included in the Lump Sum

The following items involve expenditures made by Consultant employees or professional consultants on behalf of the Client and shall be paid for as described in this Agreement.

1. Expense of overtime work requiring higher than regular rates, if authorized in advance by the Client.
2. Other special expenses required in connection with the Project.
3. The cost of special consultants or technical services as required. The cost of subconsultant services shall include actual expenditure plus 10% markup for the cost of administration and insurance.

The Client shall pay Consultant monthly for expenses not included in the Lump Sum amount.

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General Conditions of the Agreement for Professional Services

SECTION I – SERVICES OF CONSULTANT

A. General

1. Consultant agrees to perform professional services as set forth in the Agreement for Professional Services or Supplemental Letter Agreement ("Basic Services"). Nothing contained in this Agreement shall create a contractual relationship with or a cause of action in favor of a third party against either the Client or the Consultant. The Consultant's services under this Agreement are being performed solely for the Client's benefit, and no other party or entity shall have any claim against the Consultant because of this Agreement or the performance or nonperformance of services hereunder.

B. Schedule

1. Unless specific periods of time or dates for providing services are specified, Consultant's obligation to render services hereunder will be for a period which may reasonably be required for the completion of said services.
2. If Client has requested changes in the scope, extent, or character of the Project or the services to be provided by Consultant, the time of performance and compensation for Consultant's services shall be adjusted equitably. The Client agrees that Consultant is not responsible for damages arising directly or indirectly from delays beyond Consultant's control. If the delays resulting from such causes increase the cost or the time required by Consultant to perform its services in accordance with professional skill and care, then Consultant shall be entitled to a equitable adjustment in schedule and compensation.

C. Additional Services

1. If Consultant determines that any services it has been directed or requested to perform are beyond the scope as set forth in the Agreement or that, due to changed conditions or changes in the method or manner of administration of the Project, Consultant's effort required to perform its services under this Agreement exceeds the stated fee for Basic Services, then Consultant shall promptly notify the Client regarding the need for additional services. Upon notification and in the absence of a written objection, Consultant shall be entitled to additional compensation for the additional services, and to an extension of time for completion of additional services absent written objection by Client.
2. Additional services shall be billed in accord with agreed upon rates, or if not addressed, then at Consultant's standard rates.

D. Suspension and Termination

1. If Consultant's services are delayed or suspended in whole or in part by Client, or if Consultant's services are delayed by actions or inactions of others for more than 60 days through no fault of Consultant, then Consultant shall be entitled to either terminate its agreement upon 7 days written notice or, at its option, accept an equitable adjustment of rates and amounts of compensation provided for elsewhere in this Agreement to reflect reasonable costs incurred by Consultant.
2. This Agreement may be terminated by either party upon seven days written notice should the other party fail substantially to perform in accordance with its terms through no fault of the party initiating the termination.
3. This Agreement may be terminated by either party upon thirty days' written notice without cause. All provisions of this Agreement allocating responsibility or liability between the Client and Consultant shall survive the completion of the services hereunder and/or the termination of this Agreement.
4. In the event of termination, Consultant shall be compensated for services performed prior to termination date, including charges for expenses and equipment costs then due and all termination expenses.

SECTION II – CLIENT RESPONSIBILITIES

A. General

1. The Client shall, in proper time and sequence and where appropriate to the Project, at no expense to Consultant, provide full information as to Client's requirements for the services provided by Consultant and access to all public and private lands required for Consultant to perform its services.
2. The Consultant is not a municipal advisor and therefore Client shall provide its own legal, accounting, financial and insurance counseling and other special services as may be required for the Project. Client shall provide to Consultant all data (and professional interpretations thereof) prepared by or services performed by others pertinent to Consultant's services, including but not limited to, previous reports; sub-surface explorations; laboratory tests and inspection of samples; environmental assessment and impact statements, surveys, property descriptions; zoning, deed and other land use restrictions; as-built drawings, electronic data base and maps. The costs associated with correcting, creating or recreating any data that is provided by the Client that contains inaccurate or unusable information shall be the responsibility of the Client.
3. Client shall provide prompt written notice to Consultant whenever the Client observes or otherwise becomes aware of any changes in the Project or any defect in Consultant's services. Client shall promptly examine all studies, reports, sketches, opinions of construction costs, specifications, drawings, proposals, change orders, supplemental agreements and other documents presented by Consultant and render the necessary decisions and instructions so that Consultant may provide services in a timely manner.
4. Client shall require all utilities with facilities within the Client's Project site to locate and mark said utilities upon request, relocate and/or protect said utilities as determined necessary to accommodate work of the Project, submit a schedule of the necessary relocation/protection activities to the Client for review and comply with agreed upon schedule. Consultant shall not be liable for damages which arise out of Consultant's reasonable reliance on the information or services furnished by utilities to Client or others hired by Client.
5. Consultant shall be entitled to rely on the accuracy and completeness of information or services furnished by the Client or others employed by the Client and shall not be liable for damages arising from reasonable reliance on such materials. Consultant shall promptly notify the Client if Consultant discovers that any information or services furnished by the Client is in error or is inadequate for its purpose.

SECTION III – PAYMENTS

A. Invoices

1. Undisputed portions of invoices are due and payable within 30 days. Client must notify Consultant in writing of any disputed items within 15 days from receipt of invoice. Amounts due Consultant will be increased at the rate of 1.0% per month (or the maximum rate of interest permitted by law, if less) for invoices 30 days past due. Consultant reserves the right to retain Instruments of Service until all invoices are paid in full. Consultant will not be liable for any claims of loss, delay, or damage by Client for reason of withholding services or Instruments of Service until all invoices are paid in full. Consultant shall be entitled to recover all reasonable costs and disbursements, including reasonable attorney's fees, incurred in connection with collecting amounts owed by Client.
2. Should taxes, fees or costs be imposed, they shall be in addition to Consultant's agreed upon compensation.
3. Notwithstanding anything to the contrary herein, Consultant may pursue collection of past due invoices without the necessity of any mediation proceedings.

SECTION IV – GENERAL CONSIDERATIONS

A. Standards of Performance

1. The standard of care for all professional engineering and related services performed or furnished by Consultant under this Agreement will be the care and skill ordinarily exercised by members of Consultant's profession practicing under similar circumstances at the same time and in the same locality. Consultant makes no warranties, express or implied, under this Agreement or otherwise, in connection with its services.
2. Consultant neither guarantees the performance of any Contractor nor assumes responsibility for any Contractor's failure to furnish and perform the work in accordance with its construction contract or the construction documents prepared by Consultant. Client acknowledges Consultant will not direct, supervise or control the work of construction contractors or their subcontractors at the site or otherwise. Consultant shall have no authority over or responsibility for the contractor's acts or omissions, nor for its means, methods or procedures of construction. Consultant's services do not include review or evaluation of the Client's, contractor's or subcontractor's safety measures, or job site safety or furnishing or performing any of the Contractor's work.
3. If requested in the scope of a Supplemental Letter Agreement, then Consultant may provide an Opinion of Probable Construction Cost. Consultant's Opinions of Probable Construction Cost provided for herein are to be made on the basis of Consultant's experience and qualifications and represent Consultant's best judgment as a professional generally familiar with the industry. However, since Consultant has no control over the cost of labor, materials, equipment or service furnished by others, or over the Contractor's methods of determining prices, or over competitive bidding or market conditions, Consultant cannot and does not guarantee that proposals, bids or actual construction cost will not vary from Opinions of Construction Cost prepared by Consultant. If Client wishes greater assurance as to probable Construction Cost, Client shall employ an independent cost estimator or negotiate additional services and fees with Consultant.

B. Indemnity for Environmental Issues

1. Consultant is not a user, generator, handler, operator, arranger, storer, transporter or disposer of hazardous or toxic substances, therefore the Client agrees to hold harmless, indemnify and defend Consultant and Consultant's officers, directors, subconsultant(s), employees and agents from and against any and all claims, losses, damages, liability and costs, including but not limited to costs of defense, arising out of or in any way connected with, the presence, discharge, release, or escape of hazardous or toxic substances, pollutants or contaminants of any kind at the site.

C. Limitations on Consultant's Liability

1. The Client hereby agrees that to the fullest extent permitted by law, Consultant's total liability to the Client for any and all injuries, claims, losses, expenses, or damages whatsoever arising out of or in any way related to the Project or this Agreement from any cause or causes including, but not limited to, Consultant's negligence, errors, omissions, strict liability, breach of contract or breach of warranty shall not exceed five hundred thousand dollars (\$500,000). In the event Client desires limits of liability in excess of those provided in this paragraph, Client shall advise Consultant in writing and agree that Consultant's fee shall increase by 1% for each additional five hundred thousand dollars of liability limits, up to a maximum limit of liability of five million dollars (\$5,000,000).
2. Neither Party shall be liable to the other for consequential damages, including, without limitation, lost rentals, increased rental expenses, loss of use, loss of income, lost profit, financing, business and reputation and for loss of management or employee productivity, incurred by one another or their subsidiaries or successors, regardless of whether such damages are foreseeable and are caused by breach of contract, willful misconduct, negligent act or omission, or other wrongful act of either of them.
3. It is intended by the parties to this Agreement that Consultant's services shall not subject Consultant's employees, officers or directors to any personal legal exposure for the risks associated

with this Agreement. The Client agrees that as the Client's sole and exclusive remedy, any claim, demand or suit shall be directed and/or asserted only against Consultant, and not against any of Consultant's individual employees, officers or directors, and Client knowingly waives all such claims against Consultant individual employees, officers or directors.

D. Assignment

1. Neither party to this Agreement shall transfer, sublet or assign any rights under, or interests in, this Agreement or claims based on this Agreement without the prior written consent of the other party. Any assignment in violation of this subsection shall be null and void.

SECTION V – DISPUTE RESOLUTION

A. Mediation

1. Any dispute between Client and Consultant arising out of or relating to this Agreement or services provided under this Agreement, (except for unpaid invoices which are governed by Section III), shall be submitted to nonbinding mediation as a precondition to litigation unless the parties mutually agree otherwise. Mediation shall occur within 60 days of a written demand for mediation unless Consultant and Client mutually agree otherwise.

B. Litigation – Choice of Venue and Jurisdiction

1. Any dispute not settled through mediation shall be settled through litigation in the state where the Project at issue is located.

SECTION VI – INTELLECTUAL PROPERTY

A. Proprietary Information

1. All documents, including reports, drawings, calculations, specifications, CADD materials, computers software or hardware or other work product prepared by Consultant pursuant to this Agreement are Consultant's Instruments of Service ("Instruments of Service") and Consultant retains all ownership interests in Instruments of Service, including all available copyrights.
2. Consultant shall retain all of its rights in its proprietary information including, without limitation, its methodologies and methods of analysis, ideas, concepts, expressions, inventions, know how, methods, techniques, skills, knowledge and experience possessed by Consultant prior to, or acquired by Consultant during, the performance of this Agreement and the same shall not be deemed to be Work Product or Work for Hire and Consultant shall not be restricted in any way with respect thereto.

B. Client Use of Instruments of Service

1. Provided that Consultant has been paid in full for its services, Client shall have the right in the form of a license to use Instruments of Service resulting from Consultant's efforts on the Project. Consultant shall retain full rights to electronic data and the drawings, specifications, including those in electronic form, prepared by Consultant and its subconsultants and the right to reuse component information contained in them in the normal course of Consultant's professional activities. Consultant shall be deemed to be the author of such Instruments of Service, electronic data or documents, and shall be given appropriate credit in any public display of such Instruments of Service.
2. Records requests or requests for additional copies of Instruments of Services outside of the scope of services are available to Client subject to Consultant's current rate schedule.

C. Reuse of Documents

1. All Instruments of Service prepared by Consultant pursuant to this Agreement are not intended or represented to be suitable for reuse by the Client or others on extensions of the Project or on any other Project. Any reuse of the Instruments of Service without written consent or adaptation by Consultant for the specific purpose intended will be at the Client's sole risk and without liability or legal exposure to Consultant; and the Client shall release Consultant from all claims arising from such use. Client shall also defend, indemnify and hold harmless Consultant from all claims, damages, losses and expenses including attorneys' fees arising out of or resulting from reuse of Consultant documents without written consent.