

for All of Us®

MEMORANDUM

TO: Mayor and City Council

Joshua Tetzlaff, City Administrator

CC: Matt Rynda, Public Works Director

FROM: Chris Knutson, PE (Lic. MN), City Engineer

DATE: June 13, 2024

RE: 2025 Street and Utility Improvements Project

Approval of Geotechnical Evaluation Contract

SEH No. NEWPR 173957 14.00

PROPOSALS FOR CONSTRUCTION MATERIAL TESTING

Requests for proposals for Geotechnical Evaluation on the proposed 2025 Street and Utility Improvement Project area were sent to Braun Intertec, American Engineering Testing (AET), and Chosen Valley Testing (CVT).

Within the proposal, they were instructed to complete six soil borings in the Reconstruction Project Area at a depth of 15-feet and provide a Geotechnical Report with the results of the borings. The report would also include recommendations for pavement improvements and associated information that would impact utility construction.

Results of this RFP are shown below:

- 1. CVT proposed a lump sum fee of \$5,000.
- 2. AET proposed a not-to-exceed fee of \$7,100.
- 3. Braun Intertec proposed a lump sum fee of \$8,845.

The proposals appear similar in scope for the proposed project. Based on the lower cost for similar services, SEH's recommendation is that the Geotechnical Evaluation services contract for the 2025 Street and Utility improvement be awarded to Chosen Valley Testing for the lump sum amount of \$5,000. CVT provided this service on the 2024 project with good results.

ENGINEER RECOMMENDATION

It is recommended that the Council authorize the Public Works Director to enter into the contract for Geotechnical Evaulation with Chosen Valley Testing on behalf of the City of New Prague.

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Chosen Valley Testing, Inc.

Geotechnical Engineering and Testing • 1410 7th St. NW • Rochester, MN 55901 • Telephone (507) 281-0968• Fax (507) 289-2523

City of New Prague 118 Central Ave. N. New Prague MN 56071 June 12, 2024

c/o: Lee Istvanovich Short Elliott Hendrickson Inc. (SEH®) listvanovich@sehinc.com

Re: Proposal for Geotechnical Evaluation

2025 Street and Utility Improvement Project

Pershing Ave N, Lincoln Ave N, 1st St NE, and Alley

New Prague, Minnesota

CVT Proposal: 23805.24.MNR

Dear City of New Prague

As requested on your behalf, we have prepared this proposal for geotechnical services for the proposed 2025 Street and Utility Improvement Project in New Prague, Minnesota. This proposal summarizes our understanding of the tasks and provides costs for completing the services. CVT is experienced with the soil and rock in the area and is interested in providing our services for this project.

Scope

Depths and Locations: It is understood that a total of 6 borings are requested to depths of 14 ½ feet. CVT intends to drill to the borings to their requested depths or auger refusal, whichever is achieved first. The borings will be sampled in accordance with the American Society for Testing and Materials (ASTM) Method of Test D1586 and D1587 procedures. Pavement thicknesses and observed groundwater would be recorded and samples would be taken at a minimum of 2½-foot intervals. All borings would be sealed according to applicable state regulations and patched with cold patch asphalt. Existing pavements are anticipated to consist of asphalt and not require concrete coring.

Laboratory Testing: We intend to perform pocket penetrometer and moisture content tests on select samples to help aid in our evaluation. CVT would contact you for authorization in the event that conditions are suspected that may warrant additional laboratory testing, particularly if highly organic or expansive soils are suspected.

Logging and Reports: A geotechnical engineering report will be provided summarizing the results of the borings and providing recommendations for utilities and pavements. The report would include boring logs, a site sketch, along with our opinions and recommendations regarding earthwork, utility construction, and pavement preparation/design. An electronic copy of the report will be provided.

General

Access and Schedule: The borings are understood to be located along existing streets and are assumed to be accessible to standard truck-mounted drilling equipment. This is included in our cost.

CVT assumes that signs and cones will be sufficient for traffic control, which we plan to provide for no additional cost. If a flag crew is determined to be required for traffic control, we assume the City can assist.

Prior to drilling, Gopher State One Call would be contacted to schedule a utility meet to have public utilities located on site. Any private utilities will be the Owner's responsibility for locating prior to the day of our exploration. Water/sewer service lines running from main lines in the street to houses may be considered private but usually are public to shutoff valves in boulevards.

Our current schedule will allow us to initiate the services within about 3 to 4 weeks authorization, while being dependent upon utility locating, weather, holidays, and any other unforeseen conditions that may cause delay. Preliminary information can usually be made available upon request within a couple week after drilling. The report typically requires an additional 3 to 4 weeks to prepare after drilling. It is understood that a draft of the borings logs are desired by July 31st, 2024, and the final report by August 21st, 2024. CVT intends to meet these delivery dates.

Insurance: Our firm carries the normal types of insurances expected to conduct business in our field, at or above the minimums required by law. Certificates of insurance are available on request and can be provided to the client prior to commencement of services.

Costs

CVT will perform the requested work scope for a lump sum cost of \$5,000. This cost would not be exceeded without a change in the work scope. Any additional drilling footage would be applied at \$16 per foot up to a depth of 50 feet and a bore hole sealing record would have to be prepared for \$200 per site with borings 15 feet in depth or greater. Standby time for the drill crew is \$300 per hour but would not accrue without the client being notified of conditions causing delay.

An invoice will be mailed after the exploration report is completed. Payment for services is then expected within 30 days. Interest will be added to invoices over 30 days.

Remarks

CVT appreciates the opportunity to propose geotechnical services for this project. If you have any questions about our proposal or the arrangements described, please call us at (507) 281-0968.

Sincerely,

Chosen Valley Testing, Inc.

Devin M. Ehler, PE Geotechnical Engineer

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Authorization to Proceed



Proposal for Geotechnical Evaluation

Project: 2025 Street and Utility Improvement Project

Pershing Ave N, Lincoln Ave N, 1st St NE, and Alley

New Prague, Minnesota

Prepared by: Chosen Valley Testing, Inc.

CVT Number: 23805.24.MNR

Commencement of the above Project or Work Package, as outlined in the attached proposal document from Chosen Valley Testing, Inc. is hereby authorized. By signing this proposal, the client also agrees to the attached Chosen Valley Testing Inc. General Conditions, a copy of which is attached to this contract.

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Date
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Minnesota Iowa Wisconsin

GENERAL CONTRACT PROVISIONS

ARTICLE 1 – PERFORMANCE OF THE WORK

Chosen Valley Testing, Inc. ("CVT") shall perform the services under this Agreement in accordance with the care and skill ordinarily exercised by members of CVT's profession practicing under similar circumstances at the same time and in the same locality. Sampling procedures employed by CVT during the Work can indicate actual conditions only at the precise locations from which, and only at the time, samples are taken. CVT may make inferences based upon the results of sampling or related testing to form a professional opinion of conditions in areas beyond those from which samples were taken. However, because a sampling program cannot prove the non-existence or non-presence of conditions or materials, CVT makes no warranties, express or implied, under this Agreement or otherwise, in connection with its services.

ARTICLE 2 – ADDITIONAL SERVICES

If the Client requests that the CVT perform any services which are beyond the scope as set forth in the Proposal, or if changed or unforeseen conditions require the CVT to perform services outside of the original scope, then, CVT shall promptly notify the Client of cause and nature of the additional services required. Upon notification, CVT shall be entitled to an equitable adjustment in both compensation and time to perform.

ARTICLE 3 – SCHEDULE

Unless specific periods of time or dates for providing services are specified in a separate Exhibit, CVT's obligation to render services hereunder will be for a period which may reasonably be required for the completion of said services. The Client agrees that CVT is not responsible for damages arising directly or indirectly from any delays for causes beyond CVT's control. For purposes of this Agreement, such causes include, but are not limited to, strikes or other labor disputes; severe weather disruptions, or other natural disasters or acts of God; fires, riots, war or other emergencies; any action or failure to act in a timely manner by any government agency; actions or failure to act by the Client or the Client's contractor or CVTs; or discovery of any hazardous substance or differing site conditions. If the delays outside of CVT's control increase the cost or the time required by CVT to perform its services in accordance with professional skill and care, then CVT shall be entitled to a reasonable adjustment in schedule and compensation.

ARTICLE 4 – CONTRACTOR RESPONSIBILITIES

CVT neither guarantees the performance of any Contractor retained by Client nor assumes responsibility for any Contractor's failure to furnish and perform the work in accordance with the construction documents. Client acknowledges CVT will not direct, supervise or control the work of contractors or their subcontractors, nor shall CVT have authority over or responsibility for the contractors means, methods, or procedures of construction. CVT's services do not include review or evaluation of the Client's, contractor's or subcontractor's safety measures, or job site safety. Job Site Safety shall be the sole responsibility of the contractor who is performing the work.

ARTICLE 5 - CLIENT RESPONSIBILITIES

Client is responsible to provide CVT with access to the site. Client shall also provide CVT with any other previous geotechnical or other reports, investigations, specifications, plans and other information about the site to which Client has access. Changes in plans and information about the site conditions that becomes known after our report may affect CVT's opinions.

Drilling, sampling, and other subsurface work will cause disruption to the site and in particular to any paving or other structures in place over the selected sampling locations. CVT will use reasonable care to minimize damage to the site, but CVT has not included the cost of restoring normal damage in the estimated charges contained within its proposal. Client agrees to equitable adjust the contract amount in the event that Client seeks repair of the site in a manner more than is customary in the industry.

ARTICLE 6 - REUSE AND DISPOSITION OF INSTRUMENTS OF SERVICE

All documents, including reports, drawings, calculations, specifications, CADD materials, computers software or hardware or other work product prepared by CVT pursuant to this Agreement are CVT's Instruments of Service and CVT retains all ownership interests in Instruments of Service, including copyrights. The Instruments of Service 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. Copies of documents that may be relied upon by Client are limited to the printed copies (also known as hard copies) that are signed or sealed by CVT. Files in electronic format furnished to Client are only for convenience of Client. Any conclusion or information obtained or derived from such electronic files will be at the user's sole risk. CVT makes no representations as to long term compatibility, usability or readability of electronic files.

If requested, at the time of completion or termination of the work, the CVT may make available to the Client the Instruments of Service upon (i) payment of amounts due and owing for work performed and expenses incurred to the date and time of termination, and (ii) fulfillment of the Client's obligations under this Agreement. Any use or re-use of such Instruments of Service by the Client or others without written consent, verification or adaptation by the CVT except for the specific purpose intended will be at the Client's risk and full legal responsibility and Client expressly releases all claims against CVT arising from re-use of the Instruments of Service without CVT's written consent, verification or adaptation.

The Client will, to the fullest extent permitted by law, indemnify and hold the CVT harmless from any claim, liability or cost (including reasonable attorneys' fees, and defense costs) arising or allegedly arising out of any unauthorized reuse or modification of these Instruments of Service by the Client or any person or entity that acquires or obtains the reports, plans and specifications from or through the Client without the written authorization of the CVT. Under no circumstances shall transfer of Instruments of Service be deemed a sale by CVT, and CVT makes no warranties, either expressed or implied, of merchantability and fitness for any particular purpose. CVT shall be entitled to compensation for any consent, verification or adaption of the Instruments of Service for extensions of the Project or any other project.

ARTICLE 7 – PAYMENTS

Payment to CVT shall be on a lump sum or hourly basis as set out in the Agreement. CVT is entitled to payment of amounts due plus reimbursable expenses. Client will pay the balance stated on the invoice unless Client notifies CVT in writing of any disputed items within 15 days from the date of invoice. In the event of any dispute, Client will pay all undisputed amounts in the ordinary course, and the Parties will endeavor to resolve all disputed items. All accounts unpaid after 30 days from the date of original invoice shall be subject to a service charge of 1-1/2% per month, or the maximum amount authorized by law, whichever is less. CVT reserves the right to retain products of service until all invoices are paid in full. CVT will not be liable for any claims of loss, delay, or damage by Client for reason of withholding services or products of service until all invoices are paid in full. CVT shall be entitled to recover all reasonable costs and disbursements, including reasonable attorney fees, incurred in connection with collecting amounts owed by Client. In addition, CVT may, after giving seven days' written notice to Client, suspend services under this Agreement until it receives full payment for all amounts then due for services, expenses and charges. Payment methods, expenses and rates may be more fully described in Exhibit C and Exhibit C and Exhibit C

ARTICLE 8 - HAZARDOUS MATERIALS

Notwithstanding the Scope of Services to be provided pursuant to this Agreement, it is understood and agreed that CVT is not a user, handler, generator, operator, treater, arranger, storer, transporter or disposer of hazardous or toxic substances, pollutants or contaminants as any of the foregoing items are defined by Federal, State and/or local law, rules or regulations, now existing or hereafter amended, and which may be found or identified on any Project which is undertaken by CVT.

The Client agrees to indemnify CVT and its officers, subCVT(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, except that this clause shall not apply to such liability as may arise out of CVT's sole negligence in the performance of services under this Agreement arising from or relating to hazardous or toxic substances, pollutants, or contaminants specifically identified by the Client and included within CVT's services to be provided under this Agreement.

ARTICLE 9 - INSURANCE

CVT has procured general and professional liability insurance. On request, CVT will furnish client with a certificate of insurance detailing the precise nature and type of insurance, along with applicable policy limits.

ARTICLE 10 - TERMINATION OR SUSPENSION

If CVT's services are delayed or suspended in whole or in part by Client, or if CVT's services are delayed by actions or inactions of others for more than 60 days through no fault of CVT, CVT 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 CVT in connection with, among other things, such delay or suspension and reactivation and the fact that the time for performance under this Agreement has been revised.

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. In the event of termination CVT shall be compensated for services performed prior to termination date, including charges for expenses and equipment costs then due and all termination expenses. CVT is entitled to payment even if the project does not go forward or is not constructed.

This Agreement may be terminated by either party upon thirty days' written notice without cause. CVT shall upon termination only be entitled to payment for the work performed up to the Date of termination. In the event of termination, copies of plans, reports, specifications, electronic drawing/data files (CADD), field data, notes, and other documents whether written, printed or recorded on any medium whatsoever, finished or unfinished, prepared by the CVT pursuant to this Agreement and pertaining to the work or to the Project, (hereinafter "Instruments of Service"), shall be made available to the Client upon payment of all amounts due as of the date of termination. All provisions of this Agreement allocating responsibility or liability between the Client and CVT shall survive the completion of the services hereunder and/or the termination of this Agreement.

ARTICLE 11 - INDEMNIFICATION

The CVT agrees to indemnify and hold the Client harmless from any damage, liability or cost to the extent caused by the CVT's negligence or willful misconduct.

The Client agrees to indemnify and hold the CVT harmless from any damage, liability or cost to the extent caused by the Client's negligence or willful misconduct.

ARTICLE 12- WAIVER OF CONSEQUENTIAL DAMAGES

The CVT and Client waive claims against each other for consequential damages arising out of or relating to this contract. This mutual waiver includes damages incurred by the Client for rental expenses, for loss of use, loss of income, lost profit, project delays, financing, business and reputation and for loss of management or employee productivity or of the services of such persons; and (2) Damages incurred by the CVT for principal office expenses including the compensation for personnel stationed there, for losses of financing, business and reputation and for loss of profit except anticipated profit arising directly from the Work. The CVT and Client further agree to obtain a similar waiver from each of their contractors, subcontractors or suppliers.

ARTICLE 13 - ASSIGNMENT

Neither Party to this Agreement shall assign its interest in this agreement, any proceeds due under the Agreement nor any claims that may arise from services or payments due under the Agreement without the written consent of the other Party. Any assignment in violation of this provision shall be null and void. 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 CVT or Client. This Agreement is for the exclusive benefit of CVT and Client and there are no other intended beneficiaries of this Agreement.

ARTICLE 14 - CONFLICT RESOLUTION

In an effort to resolve any conflicts that arise during the design or construction of the project or following the completion of the project, the Client and CVT agree that all disputes between them arising out of or relating to this Agreement shall be submitted to nonbinding mediation as a precondition to any formal legal proceedings.

ARTICLE 15 - CONFIDENTIALITY

The CVT agrees to keep confidential and not to disclose to any person or entity, other than the CVT's employees, and the general contractor and subcontractors, if appropriate, any data and information furnished to the CVT and marked CONFIDENTIAL by the Client. These provisions shall not apply to information in whatever form that comes into the public domain, nor shall it restrict the CVT from giving notices required by law or complying with an order to provide information or data when such order is issued by a court, administrative agency or other authority with proper jurisdiction, or if it is reasonably necessary for the CVT to complete services under the Agreement or defend itself from any suit or claim.

ARTICLE 16 - LIMITATION OF LIABILITY

To the maximum extent permitted by law, the Client agrees to limit the CVT's liability for any claims by or through the Client to the sum of Fifty Thousand Dollars (\$50,000). This limitation shall apply regardless of the cause of action or legal theory pled or asserted. In addition, Client and CVT each agree that neither will be responsible for any incidental, indirect, or consequential damages (including loss of use or loss of profits) sustained by the other, its successors or assigns. This mutual waiver shall apply even if the damages were foreseeable and regardless of the theory of recovery plead or asserted.

ARTICLE 17 - CONTROLLING LAW

This Agreement is to be governed by the laws of the State of the location of the Project. Any controversy or claim arising out of or relating to this Agreement, or the breach thereof, including but not limited to claims for negligence or breach of warranty, that is not settled by nonbinding mediation shall be settled by the law of the state of the location of the Project.

ARTICLE 18 - LOCATION OF UNDERGROUND IMPROVEMENTS

Client shall provide CVT all information that Client has about buried objects at the site. Where requested by Client, CVT will perform customary research to assist Client in locating and identifying subterranean structures or utilities. However, CVT may reasonably rely on information from the Client and information provided by local utilities related to structures or utilities and will not be liable for damages incurred where CVT has complied with the standard of care and acted in reliance on that information. The Client agrees to waive all claims and causes of action against the CVT for claims by Client or its contractors relating to the identification, removal, relocation, or restoration of utilities, or damages to underground improvements resulting from subsurface penetration locations established by the CVT.

June 12, 2024



City of New Prague c/o SEH 11 Civic Center Plaza, Suite 200 Mankato, MN 56001-7787

Attn: Mr. Lee Istvanovich

listvanovich@sehinc.com

RE: Proposal for Geotechnical Services

2025 Street and Utility Improvements

New Prague, Minnesota

AET #P-0034644

Dear Mr. Istvanovich:

American Engineering Testing, Inc. is pleased to submit a proposal for this project. In this proposal, we present our understanding of the project, an outline of the scope of services we are to provide, a fee schedule, and an estimate of charges for our services.

Purpose

The purpose of this geotechnical work is to explore the subsurface conditions at the site, and based on our characterization of the obtained data, to prepare a geotechnical engineering report presenting comments and recommendations to assist you and your design team in planning and construction.

Project Information

We understand that you are planning to reconstruct streets and subsurface utilities on streets and alleys including portions of Pershing Avenue North, Lincoln Avenue North, and 1st Street NW. We understand the proposed utility replacements will include watermain, storm and sanitary sewer. The proposed pavement will be bituminous mat/aggregate base sections designed to support a MnDOT 10 Ton roadway.

Scope of Services

Field Exploration

As requested by you, our subsurface exploration program will consist of the following:

- Perform six (6) standard penetration test borings (ASTM:D1586) to a depth of 14.5 feet each.
- Seal the boreholes per Minnesota Department of Health requirements.
- Dimension and document boring locations based on the existing surface features.



We have not had an opportunity to observe the project site; we assume that the proposed boring locations will be accessible to our truck mounted equipment. We have not included any cost for flaggers for traffic control. We assume the residential streets have low traffic volumes and traffic control can be accomplished through the use of signs and cones.

We will drill the borings using hollow stem augers or by rotary mud drilling, and sampling by the split-barrel method (ASTM D1586). Our crew will keep field logs noting the methods of drilling and sampling, the Standard Penetration Values (N-values, "blows per foot"), preliminary soil classification, and observed groundwater levels. Representative portions of recovered samples will be sealed in jars to prevent moisture loss and submitted to our laboratory for review, testing and final classification. We will backfill the boreholes and soundings to comply with the Minnesota Department of Health Regulations.

The pavements will be patched with cold patch bituminous. Even after backfilling, some sloughing of the backfill may occur, resulting in a potential tripping hazard to pedestrians. We assume that the property owner will backfill and repair any boreholes that may slough after our exploration is complete. AET cannot accept any liability associated with pedestrian injury.

Underground Utilities

Before we drill, we will contact Gopher State One Call to locate public underground utilities. Gopher State One Call does not currently charge for this service, but they will not locate private underground utilities or structures. Examples of private utilities include, but are not limited to, propane lines, sewer laterals, storm sewer, sprinkler systems, site lighting, and electric and data lines between buildings. The property owner is responsible for locating all private underground utilities and structures. Please provide us with any maps, plans and records showing the location of all private utilities and structures.

We can provide you with names and contact information for private utility locators. These companies usually charge a fee for their services. Also, please note that private locators cannot guarantee that all private utilities will be located. For the private locator to be accurate and effective, the property owner must provide maps, plans and records showing the location of all private utilities and structures. The property owner must also provide a knowledgeable site representative to meet with the private locator and AET personnel.

AET shall be entitled to rely upon the accuracy of all location information supplied by any source. We will not be responsible for any damages to underground utilities or structures not located or incorrectly identified by the property owner, any maps, plans or records, or public or private utility locator providers.

Laboratory Testing

Our services will include index laboratory testing of selected soil samples to aid in judging engineering properties of the soils. In this proposal, we have budgeted \$700 for geotechnical laboratory testing. If conditions are encountered which indicate the laboratory program should



be expanded for proper evaluation, we will review the recommended tests and associated cost with you prior to proceeding.

Engineering Report

Upon completion of the drilling and laboratory work, we will prepare a geotechnical report describing the subsurface conditions encountered and presenting our recommendations for the proposed construction. The report will also discuss earthwork recommendations and present our geotechnical engineering opinions and recommendations regarding the following:

- Preparation of the subgrade for pavements
- Bituminous pavement section thickness designs for a MnDOT 10 Ton section
- Recommendations for support of new utilities installed within the streets
- Comments on other items which may affect final performance or constructability, such as frost heave and drainage considerations

<u>Insurance</u>

For the mutual protection of you and American Engineering Testing, we maintain both general and professional liability insurance. Certificates of such insurance can be provided at your request.

Project Direction

Services we perform on your project will be done under the direction of an experienced geotechnical engineer registered in the State of Minnesota.

Fees

The scope of work defined in this proposal will be performed on a time and materials basis in accordance with the attached schedule of fees. For the scope of work described above, the estimated cost will be as follows:

<u>Task</u>		<u>Cost</u>
Mobilization/Demobilization		\$700.00
Clear Utilities/Soil Boring Layout		\$600.00
Soil Borings		\$3,700.00
MDH Sealing Notification		\$0.00
Laboratory Testing		\$700.00
Report and Project Management		\$1,400.00
•	TOTAL	\$7,100.00

We would not exceed \$7,100.00 without prior authorization. If additional drilling is required for proper soil evaluation it would be charged at a unit rate of \$35/foot.

In the event the scope of our services needs to be revised due to unanticipated conditions or for proper evaluation, we will review such scope adjustments and the associated fees with you and receive your approval before proceeding.



Minnesota Department of Health Fees

Effective July 1, 2019, the Minnesota Department of Health (MDH) has changed the borehole sealing and notification requirements. For sites where borings are drilled to a depth of 15 feet or deeper, all licensed drilling companies are required by law to grout the boreholes upon completion. For borings 25 feet in depth or deeper all licensed drilling companies must submit written notification to the MDH prior to drilling along with a fee of \$75. Projects that span multiple properties will require multiple notifications. The MDH also requires that a Sealing Record be submitted to the MDH, with a copy to you, after the borings are completed. The above fee estimate for our geotechnical services includes the MDH fee for the proposed scope of drilling; however, because final boring depths can change, for example, due to possible unanticipated poor soil conditions, the final MDH fee (including an administrative charge of \$75 per notification) will be added, if necessary, to our final invoice to you.

The MDH Notification and Sealing Record requires the Property Owner name and mailing address (the Property Owner will also receive a copy of the Sealing Record). Please provide this information below.

Property Owner's name/company name:	
Property Owner's mailing address:	

Performance Schedule

Weather permitting; we anticipate drilling operations can begin within about three (3) to four (4) weeks after receiving authorization to proceed. Verbal results of the drilling activities can be obtained shortly after completion of the drilling. We anticipate the geotechnical report can be prepared within about one (1) to two (2) week after completion of the field work and laboratory testing. We are available to review special schedule needs with you.

Environmental Concerns

This proposal is presented for engineering services to evaluate the structural properties of the soil at the specified site. This proposed does not cover environmental assessment of the site or environmental testing of the soil or groundwater. If you wish to have us provide these additional services, please contact us.

Terms and Conditions

All AET Services are provided subject to the Terms and Conditions set forth in the enclosed Service Agreement—Terms and Conditions, which, upon acceptance of this proposal, are binding upon you as the Client requesting Services, and your successors, assignees, joint venturers and third-party beneficiaries. Please be advised that additional insured status is granted upon acceptance of the proposal.



Acceptance

AET requests written acceptance of this proposal in the Proposal Acceptance box below, but the following actions shall constitute your acceptance of this proposal together with the Terms and Conditions and Amendments: 1) issuing an authorizing purchase order for any of the Services described above, 2) authorizing AET's presence on site or 3) written or electronic notification for AET to proceed with any of the Services described in this proposal. Please indicate your acceptance of this proposal by signing below and returning a copy to us. When you accept this proposal, you represent that you are authorized to accept on behalf of the Client.

We have enclosed with this proposal a copy of the "Environmental/Geotechnical Service Agreement-Terms and Conditions." The terms contained in this attachment are incorporated herein and are an integral part of this contract for professional engineering services.

If you have any questions regarding our services, or need additional information, please do not hesitate to contact us.

Sincerely,

American Engineering Testing

Gregory Guyer, PE **Senior Engineer**

gguyer@teamAET.com

W: 507.387.2222 C: 507.420.3867

GAG/lmh

Attachments

Service Agreement (4 pages)



ACCEPTANCE AND AUTHORIZATION: AET Proposal No. P-0034644

SIGNATURE:
PRINTED NAME:
COMPANY:
ADDRESS:
PHONE NUMBER AND EMAIL:
DATE:

INVOICING INFORMATION (Provide Company AP Department Information, if present.)

AP CONTACT NAME:
BILLING/MAILING ADDRESS:
AP PHONE NUMBER AND INVOICE EMAIL:

SECTION 1 - RESPONSIBILITIES

1.1 - This Service Agreement – Terms and Conditions ("terms and conditions") is applicable to all services ("Services") provided by American Engineering Testing, Inc. (AET). As used herein "Services" refers to the scope of services described in the proposal submitted by AET to Client. The proposal, these terms and conditions and any appendices attached hereto shall comprise the agreement ("Agreement") between AET and Client for Services described in the proposal and are binding upon the Client, its successors, assignees, joint ventures and third-party beneficiaries.

AET requests written acceptance of the Agreement, but the following actions shall also constitute Client's acceptance of the Agreement: 1) issuing an authorizing purchase order, task order, service order, or any other documentation for any of the Services, 2) authorizing AET's presence on site, or 3) written or electronic notification for AET to proceed with any of the Services. Issuance of a purchase order, task order or service order by Client which contains separate terms and conditions will not take precedence or modify the terms and conditions contained in this Service Agreement AND THE TERMS AND CONDITIONS OF THIS SERVICE AGREEMENT AND ANY CORRESPONDING PROPOSAL ISSUED BY AET SHALL GOVERN UNLESS AUTHORIZED IN WRITING IN ADVANCE BY AET.

- 1.2 Prior to AET performing Services, Client will provide AET with all information that may affect the cost, progress, safety and performance of the Services. This includes, but is not limited to, information on proposed and existing construction, all pertinent sections of contracts between Client and their Client and/or Owner which contain flow-down provisions to AET, if they are provided, site safety plans or other documents which may control or affect AET's Services. If new information becomes available during AET's Services, Client will provide such information to AET in a timely manner. Failure of Client to timely notify AET of changes to the project including, but not limited to, location, elevation, loading, or configuration of the structure or improvement will constitute a release of any liability or indemnity obligations of AET for loss or damages related to such changes. Client will provide a representative for timely answers to project-related questions by AET.
- 1.3 AET is responsible only for performance of the Services. AET will not be held responsible for work or omissions by Client or any other party working on the project. The Services do not include construction management, general contracting or surveying services. AET will not be responsible for directing or supervising the work of other parties, unless specifically authorized and agreed to in writing.
- 1.4 Client acknowledges the limitations inherent in sampling to characterize buried subsurface conditions. Variations in soil conditions occur between and beyond sampled/tested locations. The passage of time, natural occurrences and direct or indirect human activities at the site or distant from it may alter the actual conditions. Client assumes all risks associated with such variations in soil and subsurface conditions.
- 1.5 AET is not responsible for interpretations or modifications of AET's recommendations by other persons.
- 1.6 Should changed conditions be alleged, Client agrees to notify AET before evidence of alleged change is no longer accessible for evaluation.
- 1.7 Pricing in the proposal assumes use of these terms and conditions. AET reserves the right to amend pricing if Client requests modifications to the Agreement or use of Client's alternate contract format. Any contract amendments made after Client has authorized the Services shall be applicable only to Services performed after the effective date of such amendment. The proposal and these terms and conditions, including terms of payment, shall apply to all Services performed prior to the effective date of such amendment.
- 1.8 The AET proposal accompanying these terms and conditions is valid for thirty (30) days after the proposal issuance date to the Client. Any attempt to authorize Services after the expiration date is subject to AET's right to revise the proposal as necessary.

SECTION 2 - SITE ACCESS AND RESTORATION

- 2.1 Client will furnish AET safe and legal site access.
- 2.2 Client acknowledges that in the normal course of its Services, AET may unavoidably alter existing site conditions or affect the environment in the area being studied. AET will take reasonable precautions to minimize alterations to the site or existing materials. Restoration of the site is the responsibility of the Client.

SECTION 3 - UNDERGROUND UTILITIES AND STRUCTURES (FACILITIES)

- 3.1 AET's sole responsibility under this section will be to contact the state "call before you dig" notification center (e.g. Gopher State One Call in Minnesota), if such an entity exists, for location information of public utilities only. AET shall have no obligation to proceed with the work until Client has fully complied with all the requirements of this Section 3.
- 3.2 Client will mark or cause to be marked the location of all other Facilities that service or are located on the site. AET shall be entitled to rely upon the accuracy of all location information supplied by any source.
- 3.3 Client acknowledges that location data may be incorrect or that some Facilities may not be capable of location and Client fully accepts this risk and waives any claims against AET for incorrect locations or Facilities incapable of location.
- 3.4 Client shall hold harmless, indemnify and defend AET from all claims, damages, losses, fines, penalties and expenses (including attorney's fees) arising out of or related to the following: a) Facilities that are not shown or vary from the locations shown on any plans or drawings, b) Facilities that are not located by or vary from the locations marked by Client, governmental or quasi-governmental locator programs, or private utility locating services, or c) any other Facilities that are not disclosed or vary from locations provided by the Client. The obligation to defend AET shall be independent of the obligation to indemnify and hold harmless AET and shall be with independent counsel acceptable to AET.

SECTION 4 - CONTAMINATION

- <u>4.1</u> Client acknowledges and accepts all contamination risks which may be associated with the Services. Risks include, but are not limited to, cross contamination created by linking contaminated zones to uncontaminated zones during the drilling process; containment and proper disposal of known or suspected hazardous materials, drill cuttings and drill fluids; and decontamination of equipment and disposal and replacement of contaminated consumables. Discovery of actual or suspected hazardous materials shall entitle AET to take immediate measures it deems necessary in its sole discretion, including regulatory notification, to protect human health and safety, and/or the environment. Further, discovery of such materials constitutes a changed condition for which Client agrees to pay associated additional cost.
- 4.2 Client shall indemnify and hold AET harmless from all liability, damages, claims or costs resulting from contaminants on the site.

SECTION 5 - SAFETY

- <u>5.1</u> Client shall inform AET of any known or suspected hazardous materials or unsafe conditions at the site. If, during the course of AET's Services, such materials or conditions are discovered, AET reserves the right to take measures to protect AET personnel and equipment or to immediately terminate Services. Client shall be responsible for payment of such additional protection costs.
- 5.2 AET shall only be responsible for safety of AET employees at the site; the safety of all others shall be Client's or other persons' responsibility.

SECTION 6 – SAMPLES

- <u>6.1</u> Client shall inform AET of any known or suspected hazardous materials prior to submittal to AET. All samples obtained by or submitted to AET remain the property of the Client during and after the Services. Any known or suspected hazardous material samples will be returned to the Client at AET's discretion.
- <u>6.2</u> Non-hazardous samples will be held for thirty (30) days and then discarded unless, within thirty (30) days of the report date, the Client requests in writing that AET store or ship the samples. Storage and shipping costs shall be borne solely by Client.

SECTION 7 - PROJECT RECORDS

The original project records prepared by AET will remain the property of AET. AET shall retain these original records for a minimum of three years following submission of the report, during which period the project records can be made available to Client at AET's office at reasonable times.

SECTION 8 - STANDARD OF CARE

AET performs its Services consistent with the level of care and skill normally performed by other firms in the profession at the time of this service and in this geographic area, under similar budgetary constraints.

SECTION 9 - INSURANCE

AET maintains insurance with coverage and minimum limits shown below. AET will furnish certificates of insurance to Client upon request. 9.1 –

Workers' Compensation

Employer's Liability

\$100,000 each accident
\$500,000 disease policy limit
\$100,000 disease each employee

Commercial General Liability \$1,000,000 each occurrence

\$1,000,000 aggregate

Automobile Liability \$1,000,000 each accident

Professional/Pollution Liability Insurance \$1,000,000 per claim

\$1,000,000 aggregate

- 9.2 Commercial General Liability insurance will include coverage for Products/Completed Operations extending one (1) year after completion of AET's Services as outlined in our proposal, Property Damage, Personal Injury, and Contractual Liability coverage applicable to AET's indemnity obligations under this Agreement.
- 9.3 Automobile Liability insurance shall include coverage for all owned, hired and non-owned automobiles.
- 9.4 Professional/Pollution Liability Insurance is written on a claims-made basis and coverage will be maintained for one (1) year after completion of AET's Services as outlined in our proposal. Renewal policies during this period shall maintain the same retroactive date.
- 9.5 To the extent permitted by applicable state law, and upon Client's signing of the proposal, which includes these Terms and Conditions, and return of the same to AET, or Client provided forms of acceptance as defined in Section 1.1; Client and Owner shall be named an "additional insured" on AET's Commercial General Liability Policy (Form CG D4 14, which includes blanket coverage for the Additional Insured on a Primary and Non-Contributory basis). Client and Owner shall also be named an "additional insured" on a Primary and Non-contributory basis on AET's Automobile Liability Policy (Form CA T4 74). Any other endorsement, coverage or policy requirement may result in additional charges.
- 9.6 AET will maintain insurance coverage required by this Agreement at its sole expense, provided such insurance is reasonably available, with insurance carriers licensed to do business in the state in which the project is located and having a current A.M. Best rating of no less than A minus (A-). Such insurance shall provide for thirty (30) days prior written notice to Client for notice of cancellation or material limitations for the policy or ten (10) days' notice for non-payment of premium.
- 9.7 AET reserves the right to charge Client for AET's costs for additional coverage requirements unknown on the date of the proposal, e.g., coverage limits or policy modification including waiver of subrogation, additional insured endorsements and other project specific requirements.

SECTION 10 - DELAYS

If delays to AET's Services are caused by Client or Owner, other parties, strikes, natural causes, pandemic, weather, or other items beyond AET's control, a reasonable time extension for performance of the Services shall be granted, and AET shall receive an equitable fee adjustment.

SECTION 11 - PAYMENT, INTEREST, AND BREACH

- 11.1 Invoices are due net thirty (30) days from the date of receipt of an undisputed invoice. Invoices will be paid without reductions for bond or retention. Client will inform AET of invoice questions or disagreements within fifteen (15) days of invoice date; unless so informed, invoices are deemed correct.
- 11.2 Invoices remaining unpaid for sixty (60) days shall constitute a material breach of this Agreement, permitting AET, in its sole discretion and without limiting any other legal or equitable remedies for such breach, to terminate performance of this Agreement and be relieved of any associated duties to the Client or other persons. Further, AET may withhold from Client data and reports in AET's possession. If Client fails to cure such breach, all reports associated with the unpaid invoices shall immediately upon demand be returned to AET and Client may neither use nor rely upon such reports or the Services.
- 11.3 AET reserves the right to pursue any unpaid invoice utilizing available remedies at law. AET explicitly reserves its Mechanic Lien or Bond Claim rights for nonpayment of an undisputed invoice. Client is responsible for paying AET expenses and attorney fees related to collection of past due invoices.
- 11.4 AET reserves the right to charge a 2.5% fee on any payment made using a credit card or debit card.

SECTION 12 - CHANGE ORDERS

AET's proposal associated with this project may provide an estimated cost for the work. If the proposal amount is a time and material estimate, or if changes occur affecting the project scope, estimated quantities, project schedule or other unforeseen conditions, AET will communicate with Client request a change order. However, nothing in this agreement shall be construed in any way as a waiver of payment by Client to AET for Services authorized under this agreement. Approval of a change order may be in writing, by electronic communication, or any directive for additional Services.

SECTION 13 - MEDIATION

- 13.1 Except for enforcement of AET's rights to payment for Services rendered or to assert and/or enforce its lien rights, including without limitation assertion and enforcement of mechanic's lien rights and foreclosure of the same, Client and AET agree that any claim, dispute or other matter in question arising out of or related to this Agreement shall be subject to mediation as a condition precedent to arbitration or the institution of legal or equitable proceedings by either party; provided however that if either party fails to respond to a request for mediation within sixty (60) days, the party requesting mediation may without further notice, proceed to arbitration or the institution of legal or equitable proceedings.
- 13.2 Mediation shall be in accordance with the Construction Industry Mediation Rules of the American Arbitration Association. Request for mediation shall be in writing and the parties shall share the mediator's fee and any filing fees equally and each party shall pay their own legal fees. The mediator shall be acceptable to both parties and shall have experience in commercial construction matters.

SECTION 14 - LITIGATION REIMBURSEMENT

Except for matters relating to non-payment of fees, which is governed by Section 11 hereof, payment of attorney's fees and costs associated with lawsuits or arbitration of disputes between AET and Client, which are dismissed or are judged substantially in either party's favor, shall be paid by the non-prevailing party. Applicable costs include, but are not limited to, attorney and expert witness fees, court costs, and other direct costs.

SECTION 15 - MUTUAL INDEMNIFICATION

- 15.1 Subject to the limitations contained in Sections 15 and 18, AET agrees to indemnify Client from and against damages and costs to the extent caused by AET's negligent performance of the Services.
- 15.2 Client agrees to indemnify AET from and against damages and costs to the extent caused by the intentional acts or negligence of the Client, Owner, Client's contractors and subcontractors or other third parties.
- 15.3 If Client has an indemnity agreement with other persons or entities relating to the project for which AET's Services are performed, the Client shall include AET as an additional Insured.
- <u>15.4</u> AET's indemnification to the Client, including any indemnity required or implied by law, is limited solely to losses or damages caused by its failure to meet the standard of care and only to the extent of its negligence.

SECTION 16 - NON-SOLICITATION

Each party to this Agreement (a "Party") agrees that it will not encourage, induce, or actively solicit any employee of the other party to leave their employment for any reason, provided that neither Party is precluded from (a) hiring any such employee who has been terminated by a Party or its subsidiaries prior to commencement of employment discussions between a Party and such employee, or (b) soliciting any such employee by means of a general advertisement or through an employment agency that does not specifically pursue the employee, or (c) hiring employees or former employees of the other Party who contact the Party on its own accord. This Non-Solicitation provision shall be effective and enforceable for six (6) months following termination of this Agreement.

SECTION 17 - MUTUAL WAIVER OF CONSEQUENTIAL DAMAGES

Except as specifically set forth herein and to the extent permitted by applicable law, Client and AET waive against each other, and each other's officers, directors, members, subcontractor, agents, assigns, successors, partners, and employees any and all claims for or entitlement to special, incidental, indirect, punitive, or consequential damages arising out of, resulting from, or in any way related to the Services provided by AET under this Agreement. This mutual waiver of consequential damages includes, but is not limited to, the following: loss of profits; loss of revenue; rental costs/expenses incurred; loss of income; loss of use of property, equipment, materials or services; loss of opportunity; loss of rent; loss of good will; loss of financing; loss of credit; diminution of value; loss of business and reputation; loss of management or employee productivity or the services of such persons; increased financing costs; cost of substitute facilities; cost of substitute goods/property/equipment; cost of substitute services; and/or cost of capital.

This mutual waiver is applicable, without limitation, to all consequential damages due to either party's termination of this Agreement in accordance with the provisions of the Agreement and related documents and shall survive any such termination.

SECTION 18 - LIMITATION OF LIABILITY

To the fullest extent permitted by applicable law, the total aggregate liability of AET and its officers, directors, partners, employees, subcontractors, agents, and sub-consultants, to Client and/or Client's employees, officers, directors, members, agents, assigns, successors, or partners, or anyone claiming through Client, for any and all injuries, damages, claims, losses, or expenses (including attorney's fees and costs) arising out of, resulting from or in any way related to Services provided by *AET* from any cause or causes, including, but not limited to, its negligence, professional errors and omissions, strict liability, breach of contract, or breach of warranty, shall not exceed the total compensation in excess of costs received by AET for Services or \$50,000, whichever is less. The limitation of liability set forth herein does not apply to claims arising solely out of or related to the willful or intentional acts of AET.

SECTION 19 - POSTING OF NOTICES ON EMPLOYEE RIGHTS

Effective June 21, 2010, prime contracts with a value of \$100,000 or more and signed by federal contractors on projects with any agency of the United States government must comply with 29 CFR Part 471, which requires physical posting of a notice to employees of their rights under Federal labor laws. The required notice may be found at 29 Code of Federal Regulations Part 471, Appendix A to Subpart A. The regulation also has a "flow-down" requirement for subcontractors under the prime agreement for subcontracts with a value of \$10,000 or more. AET requires strict compliance of its subcontractors working on federal contracts subject to this regulation. The regulation has specific requirements for location of posting and language(s) for the poster.

SECTION 20 - TERMINATION

After 7 days' written notice, either party may elect to terminate this Agreement for justifiable reasons. In this event, the Client shall pay AET for all work performed, including demobilization and reporting costs to complete the Services.

SECTION 21 - SEVERABILITY

Any provisions of this Agreement later held to violate a law or regulation shall be deemed void, and all remaining provisions shall continue in force. However, Client and AET will in good faith attempt to replace an invalid or unenforceable provision with one that is valid and enforceable, and which comes as close as possible to expressing the intent of the original provision.

SECTION 22 - GOVERNING LAW

This Agreement shall be construed in accordance with the Laws of the State of Minnesota without regard to its conflicts of law provisions.

SECTION 23 - ENTIRE AGREEMENT

This Agreement, including these terms and conditions and attached proposal and appendices, is the entire agreement between AET and Client. Regardless of method of acceptance of this Agreement by the Client, this Agreement supersedes any written or oral agreements, including purchase/work orders or other Client agreements submitted to AET after the start of our Services. Any modifications to this Agreement must be mutually acceptable to both parties and accepted in writing. No considerations will be given to revisions to AET's terms and conditions or alternate contract format submitted by the Client as a condition for payment of AET's accrued Services.

Form W-9 (Rev. October 2018) Department of the Treasury Internal Revenue Service

Request for Taxpayer Identification Number and Certification

► Go to www.irs.gov/FormW9 for instructions and the latest information.

Give Form to the requester. Do not send to the IRS.

	4 Name (se shares							
1 Name (as shown on your income tax return). Name is required on this line; do not leave this line blank. AMERICAN ENGINEERING TESTING, INC.								
	2 Business name/disregarded entity name, if different from above			 -				
	, , , , , , , , , , , , , , , , , , , ,							
Print or type. Specific Instructions on page 3.	3 Check appropriate box for federal tax classification of the person whose name is entered on line 1. Check only one of the following seven boxes.					4 Exemptions (codes apply only to certain entities, not individuals; see		
	Individual/sole proprietor or C Corporation S Corporation single-member LLC	Partnership	☐ Trust/estate	instructions Exempt pay		•		
ફ	Limited liability company. Enter the tax classification (C=C corporation, S			' ' '		, - 37,		
Print or type.	Note: Check the appropriate box in the line above for the tax classification LLC if the LLC is classified as a single-member LLC that is disregarded from the owner for U.S. federal tax pris disregarded from the owner for U.S. federal tax pris disregarded from the owner should check the appropriate box for the transfer of the transfe	rom the owner unless the ow purposes. Otherwise, a single	ner of the LLC is -member LLC that	Exemption code (if any		CA rep	oorting	3
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See	550 CLEVELAND AVENUE NORTH 6 City, state, and ZIP code							
	ST. PAUL, MN 55114							
	7 List account number(s) here (optional)	<u> </u>						
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entitie	s, it is your employer identification number (EIN). If you do not have a r	ranti, later, ror other number, see <i>How to get a</i>		_	_] =[
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Par	II Certification							
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3. I am	a U.S. citizen or other U.S. person (defined below); and							
	FATCA code(s) entered on this form (if any) indicating that I am exemp							
you ha acquis	cation instructions. You must cross out item 2 above if you have been no ve failed to report all interest and dividends on your tax return. For real es- ition or abandonment of secured property, cancellation of debt, contribution than interest and dividends, you are not required to significe certification, be	tate transactions, item 2 de ons to an individual retiren	oes not apply. Fo	r mortgage	interest seneralli	paid,	nante	
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	s include, but are not limited to, the following.	If you do not return F			.: TI			

If you do not return Form W-9 to the requester with a TIN, you might be subject to backup withholding. See What is backup withholding,

later.

• Form 1099-INT (interest earned or paid)



CERTIFICATE OF LIABILITY INSURANCE

DATE (MM/DD/YYYY) 12/11/2023

THIS CERTIFICATE IS ISSUED AS A MATTER OF INFORMATION ONLY AND CONFERS NO RIGHTS UPON THE CERTIFICATE HOLDER. THIS CERTIFICATE DOES NOT AFFIRMATIVELY OR NEGATIVELY AMEND, EXTEND OR ALTER THE COVERAGE AFFORDED BY THE POLICIES BELOW. THIS CERTIFICATE OF INSURANCE DOES NOT CONSTITUTE A CONTRACT BETWEEN THE ISSUING INSURER(S), AUTHORIZED REPRESENTATIVE OR PRODUCER, AND THE CERTIFICATE HOLDER.

IMPORTANT: If the certificate holder is an ADDITIONAL INSURED, the policy(les) must have ADDITIONAL INSURED provisions or be endorsed. If SUBROGATION IS WAIVED, subject to the terms and conditions of the policy, certain policies may require an endorsement. A statement on this certificate does not confer rights to the certificate holder in lieu of such endorsement(s).

THODOCK	icense # 20443386	CONTACT Ann Ross				
HUB International Great Plains, LLC 245 E. Roselawn Avenue Suite 31 Saint Paul, MN 55117-1940		PHONE (A/C, No, Ext): (651) 288-5137 FAX, No): (651) 2	286-0560			
		ADDRESS: ann.ross@hubinternational.com				
		INSURER(S) AFFORDING COVERAGE	NAIC#			
		INSURER A: The Phoenix Insurance Company	25623			
INSURED	AMERICAN CONSULTING SERVICES INC AMERICAN ENGINEERING TESTING INC AMERICAN PETROGRAPHIC SERVICES INC 550 CLEVELAND AVE N ST PAUL, MN 55114-1804	INSURER B: The Travelers Indemnity Company of America	25666			
		INSURER C: Travelers Property Casualty Company of America	25674			
		INSURER D : Charter Oak Fire Insurance Company	25615			
		INSURER E: Continental Casualty Company	20443			
	•	INSURER F:				

COVERAGES

CERTIFICATE NUMBER:

THIS IS TO CERTIFY THAT THE POLICIES OF INSURANCE LISTED BELOW HAVE BEEN ISSUED TO THE INSURED NAMED ABOVE FOR THE POLICY PERIOD INDICATED. NOTWITHSTANDING ANY REQUIREMENT, TERM OR CONDITION OF ANY CONTRACT OR OTHER DOCUMENT WITH RESPECT TO WHICH THIS CERTIFICATE MAY BE ISSUED OR MAY PERTAIN, THE INSURANCE AFFORDED BY THE POLICIES DESCRIBED HEREIN IS SUBJECT TO ALL THE TERMS, EXCLUSIONS AND CONDITIONS OF SUCH POLICIES. LIMITS SHOWN MAY HAVE BEEN REDUCED BY PAID CLAIMS.

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	PROF/POLL LIABILITY					s 1,000,000
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				İ		

DESCRIPTION OF OPERATIONS / LOCATIONS / VEHICLES (ACORD 101, Additional Remarks Schedule, may be attached if more space is required) RENEWALS: contracts@teamAET.com

ILLUSTRATION ONLY

CERTIFICATE HOLDER	CANCELLATION
ILLUSTRATION CERTIFICATE	SHOULD ANY OF THE ABOVE DESCRIBED POLICIES BE CANCELLED BEFORE THE EXPIRATION DATE THEREOF, NOTICE WILL BE DELIVERED IN ACCORDANCE WITH THE POLICY PROVISIONS.
	AUTHORIZED REPRESENTATIVE G. Cary Withelt



Braun Intertec Corporation 18 Woodlake Drive SE, Suite B Rochester, MN 55904 Phone: 507.281.2515
Fax: 507.281.5303
Web: braunintertec.com

June 4, 2024

Proposal QTB197469

Mr. Lee Istvanovich Short Elliot Hendrickson, Inc. 11 Civic Center Plaza, Suite 200 Mankato, MN 56001

Re: Proposal for a Geotechnical Evaluation

New Prague 2025 Street and Utility Improvement Project (SUIP)

Various Streets

New Prague, Minnesota

Dear Mr. Istvanovich:

Braun Intertec Corporation respectfully submits this proposal to complete a geotechnical evaluation for the street and utility reconstruction at the referenced site.

Project Information

Per the RFP provided by you on May 24, 2024, we understand the proposed project will include the reconstruction of storm sewer, sanitary sewer, water utilities, and pavements on various streets in New Prague, Minnesota. The streets that are included in the project are listed below:

- The alleyways between Columbus Ave N, Lincoln Ave N, 1st Street NE, and Main Street E
- 1st Street NE, from Columbus Ave N to Pershing Ave N
- 2nd Street NE from 130 feet east of Columbus Ave N to Lyndale Ave N
- Lincoln Ave N from 4th Street NE to Main Street E
- Pershing Ave N from 5th Street NE to Main Street E

Purpose

The purpose of our geotechnical evaluation will be to characterize subsurface geologic conditions at selected exploration locations, evaluate their impact on the project, and provide geotechnical recommendations for the design and construction of the utilities and pavements.

Scope of Services

We propose the following tasks to help achieve the stated purpose. If we encounter unfavorable or unforeseen conditions during the completion of our tasks that lead us to recommend an expanded scope of services, we will contact you to discuss the conditions before resuming our services.

Site Access

Based on aerial photographs, it appears that the site is accessible to a truck or all-terrain vehicle (ATV) drill rig. We assume there will be no cause for delays in accessing the exploration locations. We are not including tree clearing, debris or obstruction removal, grading of navigable paths, or snow plowing.

Depending on access requirements, ground conditions or potential utility conflicts, our field crew may alter the exploration locations from those proposed to facilitate accessibility.

Our drilling activities may also impact the vegetation and may rut the surface to access boring locations. Restoration of vegetation and turf is not part of our scope of services.

Staking

We will stake prospective subsurface exploration locations, as selected by you, and obtain surface elevations at those locations using GPS (Global Positioning System) technology. For purposes of linking the GPS data to an appropriate reference, we request that you provide CAD files indicating location/elevation references appropriate for this project or give us contact information for the consultant that might have such information.

Utility Clearance

Prior to drilling or excavating, we will contact Gopher State One Call and arrange for notification of the appropriate utility vendors to mark and clear the exploration locations of public underground utilities. You, or your authorized representative, are responsible to notify us before we begin our work of the presence and location of any underground objects or private utilities that are not the responsibility of public agencies.

Traffic Control

Based on the reported traffic volume of the roads, our borings will be performed on low volume residential streets. We will perform our borings with traffic control consisting of warning signs and cones. If a more robust traffic control system is warranted such as flaggers based on field conditions, we will request a change order.

Penetration Test Borings

As requested, we will drill 6 standard penetration test (SPT) borings to an approximate depth of 14 1/2 feet for the project. We will perform standard penetration tests at approximate 2 1/2-foot vertical intervals to termination depths.

If the intended boring depths do not extend through unsuitable material, we will extend the borings at least 5 feet into suitable material at greater depths. The additional information will help evaluate such issues as excavation depth, consolidation settlement, and foundation alternatives, among others. If we identify a need for deeper (or additional) borings, we will contact you prior to increasing our total estimated drilled footage and submit a Change Order summarizing the anticipated additional effort and the associated cost, for your review and authorization.

Groundwater Measurements

If the borings encounter groundwater during or immediately after drilling of each boring, we will record the observed depth on the boring logs. Because borings will be drilled on active roadways, the borings



will not be left open to obtain extended water level checks and will be backfilled immediately after drilling.

MDH Notification and Sealing Record

Since our planned exploration will be less than 15 feet in depth, the Minnesota Statutes will not require that we complete any notifications or sealing records. If we extend any of the borings to a depth of 15 feet or greater, the Statutes requires that we seal the boreholes and complete a Sealing Record. If the borings are 25 feet or greater, the Statutes also require us to complete a Sealing Notification Form. If the Record or Form are required, we will contact you to discuss the additional fees and sealing requirements.

Borehole Abandonment

We will backfill our exploration locations immediately after completing the drilling at each location. Minnesota Statutes require sealing temporary borings that are 15 feet deep or deeper. Based on our proposed subsurface characterization depths, we currently do not anticipate having to seal any of the borings.

Upon backfilling or sealing exploration locations, we will fill holes in slabs and pavements with a temporary patch.

Over time, subsidence of borehole backfill may occur, requiring releveling of surface grades or replacing bituminous or concrete patches. We are not assuming responsibility for re-leveling or re-patching after we complete our fieldwork.

Sample Review and Laboratory Testing

We will return recovered samples to our laboratory, where a geotechnical engineer will visually classify and log them. To help classify the materials encountered and estimate the engineering properties necessary to our analyses, we anticipate performing 18 moisture content tests, 1 mechanical analyses (through a #200 sieve only), 2 organic content tests, and 3 Atterberg limits tests. We will adjust the actual number and type of tests based on the results of our borings. If we identify a laboratory testing program that exceeds the budget included in this proposal but provides additional value to the project, we will request authorization for the additional fees through a Change Order.

Engineering Analyses

We will use data obtained from the subsurface exploration and laboratory tests to evaluate the subsurface profile and groundwater conditions, and to perform engineering analyses related to pavement design and performance.

Report

We will prepare a report including:

- A CAD sketch showing the exploration locations.
- Logs of the borings describing the materials encountered and presenting the results of our groundwater measurements and laboratory tests.
- A summary of the subsurface profile and groundwater conditions.



- Discussion identifying the subsurface conditions that will impact design and construction.
- Discussion regarding the reuse of on-site materials during construction.
- Recommendations for preparing pavement and utility subgrades, and the selection, placement, and compaction of fill.
- Recommended bituminous pavement design section thicknesses, based on assumed subgrade strength parameters, and reported traffic loading.

We will only submit an electronic copy of our report to you unless you request otherwise. At your request, we can also send the report to additional project team members.

Schedule

We anticipate performing our work according to the following schedule.

- Drill rig mobilization within about 6 to 8 weeks following receipt of written authorization
- Field exploration 1 day on site to complete the work
- Classification and laboratory testing within 1 to 2 weeks after completion of field exploration
- Preliminary results within 1 week after completion of field exploration
- Draft report submittal within about 3 weeks of completion of field exploration
- Final report submittal within 3 days of receiving comments on the draft report

If we cannot complete our proposed scope of services according to this schedule due to circumstances beyond our control, we may need to revise this proposal prior to completing the remaining tasks.

Fees

We will furnish the services described in this proposal for a lump sum fee of \$8,845, which includes up to 1 hour of post deliverable consulting time. Additional requests for meetings, consulting or modifications to the report will be billed at a rate of \$155 per hour. Please note that our drilling/field services were budgeted to occur within our normal work hours of 7:00 a.m. to 4:00 p.m., Monday through Friday. If conditions occur that require us to work outside of these hours, we will request additional fees to cover our additional overtime costs.

Our work may extend over several invoicing periods. As such, we will submit partial progress invoices for work we perform during each invoicing period.



Additional Services

Our fees do not include potential costs due to the need for snow plowing, towing, stand-by time, or work that is not included in the above Scope of Services. We will charge costs for snow plowing or towing (if necessary) at a rate of 1.15 times the actual cost. For stand-by time (defined as time spent by our field crew due to circumstances that are beyond the control of our field crew or its equipment, or beyond the scope of services indicated above), we will charge a rate of \$365 per hour.

General Remarks

We will be happy to meet with you to discuss our proposed scope of services further and clarify the various scope components.

We appreciate the opportunity to present this proposal to you. Please sign and return a copy to us in its entirety.

We based the proposed fee on the scope of services described and the assumptions that you will authorize our services within 30 days and that others will not delay us beyond our proposed schedule.



We will provide our services under the terms of the Master Subcontract for Services between our firms, dated March 19, 2024.

To have questions answered or schedule a time to meet and discuss our approach to this project further, please contact Kyle Johnson at 507.923.3626 or (kjohnson@braunintertec.com).

Sincerely,

BRAUN INTERTEC CORPORATION



