



April 8, 2025

Mr. Chris Drey
Director of Public Works
Village of Romeoville
615 Anderson Drive
Romeoville, IL 60446

Subject: Proposal for Geotechnical Engineering Services
Lukancic Receiving and Pumping Station
Village of Romeoville, IL
Proposal No. 25-P425

Dear Mr. Drey:

GEOCON Professional Services, LLC (GEOCON) is pleased to submit this proposal providing geotechnical engineering services on the above referenced project. A brief description of our understanding of the project, and a discussion of the scope of services to be provided, is included in the following paragraphs.

PROJECT UNDERSTANDING

The proposed project is located in the Village of Romeoville, IL south of Lukancic Middle School. It is understood the proposed project will consist of constructing a new 3,300 SF receiving and pumping station, two (2) above grade 1.5MG water storage tanks with 105-ft diameters, a Grand Prairie Water Commission (GPWC) delivery structure approximately 27 feet by 21 feet and 15 feet below grade, and the associated transmission mains with these facilities. Site work will include a 15-foot-wide access road, a 10-foot-wide bike path, and a detention pond.

Based on review of the Google Earth aerials, it appears the site slopes significantly down from north to south with elevations at the northern portion of the site near El. 636 feet and elevations at the southern portion of the site near EL. 615 feet.

SCOPE OF WORK

In our opinion, the scope of work presented in the following paragraphs and on the attached budget sheet satisfy the requirements in the RFP dated April 1, 2025.

GEOCON proposes to drill a total of twenty (22) soil borings for the proposed development. A summary of each boring location and depth is tabulated below.

Proposed Structure	Number of Borings	Boring Depths (feet)
Receiving and Pumping Station	2	20
Transmission Mains	3	15
Access Road	2	10
Above Grade Water Storage Tanks	8	45*

Proposed Structure	Number of Borings	Boring Depths (feet)
GPWC Delivery Structure	1	25
Detention Pond	3	20
Bicycle Path / Transmission Mains	3	15

*Bedrock anticipated to be 45 feet below ground surface. 2 borings from the tanks will have 10-foot rock cores extracted.

Based on review of aerials, tree clearing may be needed to access some of the boring locations. Additionally, it is assumed a surveyor contracted by others will lay out the boring locations.

All soil samples collected will have PID readings taken in the field by a field engineer. Surface elevations will be estimated from topographic information provided to our office or Google Earth if unavailable. The subsurface exploration will be performed with a truck or ATV-mounted drill rig, utilizing continuous flight hollow stem auger to advance the test holes. Soil samples will be secured by the Standard Penetration Test method at 2.5-foot intervals to a depth of 15 feet below grade. Groundwater level observations will be noted during the drilling activities and in the open borehole upon completion. Additionally, 24-hour delayed groundwater readings will be collected at select borings.

Laboratory visual classification and other testing will be performed to determine the behavioral characteristics of the subsurface materials encountered. The lab testing program is indicated on the attached Estimate Worksheet.

GEOTECHNICAL REPORT

The results of the subsurface exploration and laboratory testing will be utilized in an engineering evaluation and analysis and presented in a written report containing our recommendations for subgrade preparation and fill placement, as well as the geotechnical parameters needed for design.

CLEAN CONSTRUCTION DEMOLITION DEBRIS (CCDD) SAMPLING AND TESTING

It is our understanding that this project will require spoils to be hauled off and transported to a CCDD facility. Based on review of Geocon's preliminary research of the subject site, there appears to be no recognized environmental conditions or former LUSTs/USTs. Thus, both phases will pursue pH testing resulting in publishing 662 forms.

If the soils on site are found to be uncontaminated, an IEPA form LPC-662/LPC-663, along with any necessary supporting documentation, will be prepared. **Please note however, if the results of our investigation indicate that soils are contaminated, signoff on an IEPA Form LPC-662/LPC-663 cannot be completed and a letter summarizing the test results will be prepared. Also, if any unexpected conditions are encountered during construction activities that are not indicated in our investigation, such as soils with suspect odors, discolorations, or unacceptable debris mixed with the soil, additional testing may be required to coordinate disposal of the materials at a sanitary landfill.**

FEES AND CONDITIONS

GEOCON proposes to perform the services on a lump sum basis, and pursuant to the General Conditions attached to this document. The estimated fee for performance of the specified work for Phase 1 Geotechnical and Environmental work will not exceed **\$37,490.00 and \$1,965.00, respectively**. The above fees are based on boring locations being readily accessible to truck or ATV-mounted drilling equipment. Any special equipment required for site access, or any delays beyond the control of our personnel, will be considered as additional costs. The above fee does not include coordination with individual property owners and assumes the work can be performed contiguously under one mobilization. The budget numbers above do not include the cost of tree clearing, which may be required for some boring locations.

GEOCON will contact the Illinois1call system to ascertain the location of utility conduits prior to the start of drilling operations. The client will be responsible for locating, or making GEOCON aware, of any private utilities that are not included on the locate ticket. GEOCON will not be responsible for damage to underground utilities or structures that are not located prior to drilling.

SITE ACCESS AND SCHEDULE

The above fee is based on the client or owner providing site access concurrently for all sites such that the drilling can be performed under one mobilization. Any access coordination performed by GEOCON would be invoiced on a time and material basis.

We would anticipate that the field work would begin within 2 weeks of receiving written authorization to perform the work. Submittal of the geotechnical report will be within 3 weeks of completing the field work.

AUTHORIZATION

GEOCON will proceed with the work on the basis of written authorization received from the client. Should you have any questions regarding this proposal, or if we could be of any other assistance, please feel free to call us at 815-412-2031. We are looking forward to working with you on this project.

Sincerely,

GEOCON Professional Services, LLC



Joe Abu-Bakr, PE
Senior Engineer
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Kenneth K. Rippey, PE
Senior Geotechnical Engineer
Ph: 815-830-9233
Email: krippy@geoconcompanies.com

Attachment: Acceptance of Proposal and Enclosures
Estimate Worksheet
Boring Location Diagram
General Conditions

Please indicate which services are requested below

Geotechnical:	\$37,490.00	Yes _____	No _____
Environmental:	\$1,965.00	Yes _____	No _____

ACCEPTANCE OF PROPOSAL AND ENCLOSURES

FIRM: _____

SIGNATURE: _____

NAME (PRINT): _____

TITLE: _____

DATE: _____





GEOCON
Estimate Worksheet

Client: Village of Romeoville
 Project: Lukancic Receiving and Pumping Station
 Location: Romeoville, IL
 GEOCON Proposal No.: 25-P425
 Date: April 8, 2025

Geotechnical

	<u>Quantity</u>	<u>Unit Fee</u>	<u>Total</u>
I. Field Exploration Services			
1. Equipment Mobilization and Drilling (525 feet)	4 Days	\$ 4,250.00	\$ 17,000.00
2. Project Engineer for project coordination and site visit	8 Hours	\$ 160.00	\$ 1,280.00
3. Field Engineer, PID screening, & 24-hr gw readings	36 Hours	\$ 145.00	\$ 5,220.00
4. Piezometer supplies & installation (25 ft)	3 Each	\$1,000.00	\$3,000.00
5. Infiltration testing, per test	0 Each	\$750.00	\$0.00
6. NQ2 rock coring per 5-ft run	4 Each	\$ 750.00	\$ 3,000.00
7. ComEd and FPDWC Permits (if needed)	0 Each	\$ 1,000.00	\$ -
8. Tree Clearing	0 Day(s)	\$ 3,000.00	\$ -
			Subtotal For Field Exploration Services: \$ 29,500.00
II. Laboratory Soil Testing Services			
1. Rimac compressive strength tests, calibrated hand penetrometer tests, visual engineering classification and moisture content tests	45 Tests	\$ 20.00	\$ 900.00
2. Unconfined compressive strength, including unit weight	0 Tests	\$100.00	\$0.00
3. Atterberg limits	2 Tests	\$125.00	\$250.00
4. Sieve analysis including hydrometer	2 Tests	\$250.00	\$500.00
5. Standard Proctor Tests	0 Tests	\$225.00	\$0.00
6. IBR	0 Tests	\$300.00	\$0.00
7. Rock core unconfined compressive strength	4 Each	\$125.00	\$500.00
			Subtotal for Laboratory Services: \$ 2,150.00
III. Engineering Services for Geotechnical Report			
1. Senior Engineer, Write Report and Review Const. Docs	16 Hours	\$ 190.00	\$ 3,040.00
2. Senior Engineer to address comments & geotech report	8 Hours	\$ 190.00	\$ 1,520.00
3. Project Engineer to prepare exhibits	8 Hours	\$ 160.00	\$ 1,280.00
			Subtotal for Engineering Services: \$ 5,840.00
			Total Estimated Geotechnical Fee: \$37,490.00



	<u>Quantity</u>	<u>Unit Fee</u>	<u>Total</u>
IV. CCDD Sampling and Certification			
1. Engineer CCDD Sampling (included w/ drilling)	0 Hours	\$ 145.00	\$ -
2. Project Engineer; Environmental Research and CCDD Report	6 Hours	\$ 160.00	\$ 960.00
3. Principal Engineer; Review research	2 Hours	\$ 190.00	\$ 380.00
Subtotal For Field & Engineering Services:			\$1,340.00
V. Laboratory Testing Services			
1. Contaminants of Concern (COC) (Standard Turnaround)	0 Tests	\$ 500.00	\$0.00
2. Contaminants of Concern (COC) (Expedited Turnaround)	0 Tests	\$ 750.00	\$0.00
3. Waste Characterization (Standard Turnaround)	0 Tests	\$ 1,650.00	\$0.00
4. pH Analysis	5 Tests	\$ 125.00	\$625.00
5. Sampling Kit, each	0 Each	\$ 65.00	\$0.00
Subtotal for Laboratory Services:			\$625.00
Total Estimated Environmental Fee:			\$1,965.00

Item 1. Scope of Services. Geocon Professional Services, LLC, (GEOCON) shall perform services in accordance with an agreement made with the 'client.' The agreement consists of GEOCON's proposal, Standard Fee Schedule, and these General Conditions. The client is defined as the person or entity requesting and/or authorizing the work, and in doing so, client represents and warrants that he is duly authorized in this role, even if performed on behalf of another party or entity, in which case the other party or entity is also considered as the client. The acceptance of GEOCON's proposal signifies the acceptance of the terms of this agreement.

The fees for services rendered will be billed in accordance with the Standard Fee Schedule; unit rates for services not covered in the fee schedule or elsewhere in the agreement can be provided. The standard prices proposed for the work are predicated upon the client's acceptance of the conditions and allocations of risks and obligations described in the agreement. The client shall impart the terms of this agreement to any third party to whom client releases any part of GEOCON's work. GEOCON shall have no obligations to any party other than those expressed in this agreement. All fixed hourly labor rates included in GEOCON's proposal that are governed by the Collective Bargaining Agreement (CBA) with Local 150 are subject to automatically increase March 1st of every year based on the % increase included in the governing CBA.

Item 2. Site Access. The client will provide for the right-of-access to the work site. In the event the work site is not owned by the client, client represents to GEOCON that all necessary permissions for GEOCON to enter the site and conduct the work, have been obtained. While GEOCON shall exercise reasonable care to minimize damage to the property, the client understands that some damage may occur during the normal course of work, that GEOCON has not included in its fee the cost of restoration of damage, and that client will pay for such restoration costs.

Item 3. Utilities. In the performance of its work, GEOCON will take all reasonable precautions to avoid damage to underground structures or utilities, and will rely on utility locator services to correctly identify their buried service lines, and on plans, drawings or sketches made available and provided by the client. The client agrees to hold GEOCON harmless and indemnify GEOCON from any claims, expenses, or other liabilities, including reasonable attorney fees, incurred by GEOCON for any damages to underground structures and utilities that were not correctly and clearly shown on the plans provided to GEOCON or otherwise disclosed by the client utility locator service. GEOCON will be responsible for ordering the utility locator services only if expressly set forth in the scope of the proposal.

Item 4. Hazardous Materials and Conditions. Prior to the start of services, or at the earliest time such information is learned, it shall be the duty of the client or other involved or contacted parties, to advise GEOCON of any known or suspected undocumented fills, hazardous materials, by-products, or constituents, and any known environmental, geologic, and geotechnical conditions, which exist on or near any premises upon which work is to be performed by GEOCON employees or subcontractors or which in any other way may be pertinent to GEOCON's proposed services.

The discovery of unanticipated hazardous materials, or suspected hazardous materials, may require that special and immediate measures be exercised to protect the health and safety of GEOCON site personnel and/or the public. GEOCON may at its option and on the basis of its judgement and opinion, exercise such precautions to complete the project or terminate further work on the project. In either case, the client will be notified as soon as practically possible, and the client agrees to bear all reasonable and equitable cost adjustments, if any, associated with such measures taken.

GEOCON's work shall include visual observation and laboratory testing of subsurface water and soil samples obtained by intrusive sampling of the subsurface, for the purpose of evaluating the geotechnical characteristics of the subsoils relative to the project. As such, GEOCON does not create, generate, transport or at any time own or store hazardous materials in the performance of its work. The client will take possession of and be responsible for the proper disposal of all hazardous materials including, but not limited to samples, drilling fluids and cuttings, decontamination and well development fluids, and used disposable protective gear and equipment.

Item 5. Confidentiality. GEOCON's shall hold confidential the business and technical information obtained or generated in performance of services under this agreement and identified in writing by the client as "confidential." GEOCON shall not disclose such information except if such disclosure is required by governmental statute, ordinance, or regulation; for compliance with professional standards of conduct for public safety, health, and welfare concerns; or for protection of GEOCON against claims or liabilities arising from performance of its services.

The technical and pricing information contained in any report or proposal submitted by GEOCON. is to be considered confidential and proprietary and shall not be released or otherwise made available to any third party without the express written consent of GEOCON.

Item 6. Standard of Care. GEOCON will perform the services under this agreement in accordance with generally accepted practice, in a manner consistent with the level of care and skill ordinarily exercised by members of this profession under similar circumstances. No other warranties, implied or expressed, in fact or by law, are made or intended in this agreement. The client recognizes that subsurface soil and groundwater conditions can vary between sampling points and with time, and that the interpretation of data and opinions and recommendations made by GEOCON are based solely on obtained data. Such limitations can result in a redirection of conclusions and interpretations where new or changed information is obtained. GEOCON will not be responsible for the interpretations by others, of data obtained by GEOCON for the geotechnical study.

Item 7. Technical Methodology and Protocol. GEOCON will select generally accepted methods and procedures it considers appropriate to accomplish the intended and understood purpose of its services within the scope of this agreement, and the client signifies concurrence with these methods and procedures by acceptance of this agreement. In the event other methods or procedures are preferred by the client or considered more appropriate, a written description or designation of these must be provided prior to execution of this agreement.

Item 8. Limitations of Liability. The client agrees to limit GEOCON's liability to the client and all parties claiming through the client or otherwise claiming reliance on GEOCON's services, allegedly arising from GEOCON's professional acts or errors and omissions, to a sum not to exceed GEOCON's fees for the services performed on the project, provided that such claims are not attributable to GEOCON's gross negligence or intentional misconduct. In this latter event the limit of liability will be increased to \$25,000 less any applicable insurance amount covering alleged damages or claims. In no event shall GEOCON or any other party to this agreement, including parties which may have or claim to have a direct or indirect reliance on GEOCON's services, be liable to the other parties for incidental, indirect or consequential damages arising from any cause.

Item 9. Insurance and Indemnity. GEOCON represents that they now carry, and will continue to carry: (i) workers' compensation insurance in accordance with the laws of the states having jurisdiction over their employees who are engaged in the Services, and employer's liability insurance (\$1,000,000); (ii) commercial general liability insurance (\$1,000,000 occ / \$2,000,000 agg); (iii) automobile liability insurance (\$1,000,000 B.I. and P.D. combined single limit); and (iv) professional liability insurance (\$1,000,000 claim / agg). Certificates of insurance will be provided upon request. Additionally, insured on a primary and non-contributory basis with respect to the general liability and auto liability coverage only. Waivers of subrogation applies to the general liability, auto liability, and workers compensation in favor of the stated additional insureds. Certificates of insurance can be provided to the client upon written request. GEOCON shall not be responsible for any loss, damage, or liability beyond the insurance limits and conditions. GEOCON agrees to indemnify the client from and save client harmless against any loss, damage, or liability stemming from acts of gross negligence by GEOCON. Except as expressly set forth in Item Nos. 8 and 9, the client agrees to hold GEOCON, its officers, directors, agents, and employees, harmless from any claims, suits or liability including but not limited to attorney fees, costs of settlement and other incidental costs, for personal injury, death, illness, property damage or any other loss, allegedly arising from or related to GEOCON's performance of work.

Item 10. Modifications. This agreement and all attachments pursuant to this agreement represents the entire understanding between the parties, and neither the client nor GEOCON may amend or modify any aspect of this contract unless such alterations are reduced to writing and properly executed by the parties hereto. These terms and conditions shall supersede all prior or contemporaneous communications, representations, or agreements, and any provisions expressed or implied in the request for proposal, purchase order, authorization to proceed, or other contradictory provisions, whether written or oral.

Item 11. Payment. Invoices for performed work will be submitted monthly for services rendered the prior month, payable within 30 days of invoice date. The fees quoted are based upon an expected monthly payment. An interest charge of 1.5% per month will be added to delinquent charges; however, GEOCON, at its option, may terminate its services due to client's failure to pay when due. In the event of termination of services prior to completion, client shall compensate GEOCON for all services performed prior to and for such termination.

Item 12. Third Party Reliance. The Services provided are for GEOCON and Client's sole benefit and exclusive use with no third-party beneficiaries intended. Reliance upon the Services and any work product is limited to Client and is not intended for third parties. For a limited time period not to exceed three months from the date of the report, GEOCON will issue additional reports to others agreed upon with Client, however Client understands that such reliance will not be granted until those parties sign and return a reasonably acceptable reliance agreement and GEOCON receives the agreed-upon reliance fee.