

Proposal for 63rd St & S Richmond Ave Stormwater Improvements

Village of Westmont

March 16, 2021

Mr. Mike Ramsey, P.O.
Director of Public Works
Village of Westmont
328 S. Wilmette Avenue
Westmont, IL 60559

Dear Mr. Ramsey,

WBK Engineering, LLC (WBK) is pleased to provide this proposal to the Village of Westmont for construction engineering services for the 63rd Street and S. Richmond Avenue Stormwater Improvements. WBK looks forward to the opportunity to assist the Village of Westmont with the on-site construction engineering services for the detention basin dredging and bank stabilization project. Included below is our understanding of the assignment, scope of services, project assumptions, and estimate of fee.

Understanding of the Assignment

WBK Engineering understands that the Village of Westmont (Village) intends to improve the stormwater management conditions of the existing detention basin located on the northwest corner of the intersection of 63rd Street and S Richmond Avenue. The existing detention facility has experienced excessive bank erosion and has received large volumes of sediment from both the banks and the surrounding neighborhood. This project will restore the stormwater storage, stabilize the banks of the detention pond, and reduce future maintenance of the facility. The proposed improvements include dredging of the detention pond, bank stabilization with stone toe protection, installation of erosion control measures, minor storm sewer improvements, installation of the proposed Village monument sign, and landscape restoration. For the sake of this proposal, we are assuming the contractor will have only one crew in operation at a given time. Therefore, the entire job can be covered by one resident engineer. As such, the Village is requesting this proposal to work as an extension of their staff and provide full-time construction engineering services for the planned improvements.

Scope of Services

The Scope of Services for Construction Engineering involves a comprehensive effort to provide field inspection to assure the project completion is in accordance with the contract documents and plans. For purposes of this proposal, we have outlined below what we anticipate to be the Scope of Services/Responsibilities by our resident engineer. Included in this scope will be field inspection and documentation of work and quantities, contractor coordination, preparation and submittal of pay estimates and change orders, and final processing to assist the Village. We anticipate the following tasks will be required to ensure successful completion of the proposed improvements.

Task 1 | Pre-Construction Activities

Review of Existing Data. The resident engineer will review project data including the final engineering plans and specifications to familiarize themselves with the project prior to the start of construction.

Project Set-up. The resident engineer will conduct a pre-construction project set-up. This shall include file and document organization, preparation of hard and electronic files such as pay requests, daily reports, change orders, material inspection forms, shop drawings, quantity documentation forms, erosion control report forms and other files and forms as necessary.

Contractor Walk Through. The resident engineer will schedule a site visit and walk through with the Contractor to assess any changes to site.

Pre-Construction Meeting. Prior to the start of construction the resident engineer will coordinate a pre-construction meeting. Personnel involved with the project, including necessary utility representatives, Contractor's personnel, construction supervision personnel, local agency representatives, and Village staff shall be requested to attend. WBK will run the meeting, including preparation of the meeting agenda and meeting minutes to be submitted to all attendees no later than seven (7) days after the date of the pre-construction meeting.

Task 2 | Construction Layout Coordination and Verification

Datum Control. All construction layout and staking shall be provided by the Contractor and paid for by the item "Construction Layout and As-Built Survey." The resident engineer and/or his staff shall recover and verify all horizontal control points, benchmarks, and verify contractor staking of the right-of-way prior to construction.

Construction Layout Verification. The resident engineer and/or his staff shall randomly check horizontal locations and elevations of staking operation. In the event that an error is found, the resident shall notify the Contractor and Village immediately and ensure that it is corrected as soon as possible.

Task 3 | Resident Engineering Services

The resident engineer will provide full-time, continuous construction observation of the contractor's operations for the entire duration of the project for compliance with the plans, specifications, and contract documents. The resident engineer services will also include, but not be limited to: completing documentation required by the Village, making the day-to-day decisions in cooperation with Village staff, and maintaining daily contact with the Contractor's personnel to proficiently provide the engineering services necessary for the Contractor's continued progress.

The resident engineer will be responsible for observing the project to ensure that the Contractor is following contractual items of the work and will be maintaining communication with Village staff throughout the duration of project. More specifically, we envision our resident engineer will perform the following work items:

- Direct client contact on project related issues
- Inspect and document the adequacy of the establishment and maintenance of the traffic control
- Observe daily construction completed by the Contractor for compliance to the plans, permits and specifications and complete all required documentation
- Coordinate with Contractor on work and schedule and maintain project status to the Village
- Maintain daily record of Contractor's activities
- Monitor contractor performance for compliance with permit conditions
- Complete weekly soil erosion and sediment control inspections for up to 6 weeks after project is completed
- Shop Drawing review, coordination, and processing
- Coordination with DuPage Division of Transportation for all work within the ROW along 63rd Street as necessary during construction

- Perform field measurements and quantity verification
- Prepare and submit partial and final payment estimates, change orders, records, certifications, documentation, and reports
- Conduct project meetings, as required
- Evaluate and provide engineering solutions to solve construction conflicts
- Prepare and coordinate punch list and oversee completion of punch list
- Prepare final documentation and project closeout with the Village
- Furnish the services herein within 24 hours of notification by the Village

Task 4 | Project Administration and Management

An individual with engineering design and construction experience will be assigned the dual role of Project Manager / Project Engineer. This individual will be responsible for the following contractual items of work:

- Ongoing consultation with project staff
- Quality assurances of construction work in progress and the enforcement of the contract provisions
- Quality assurance of project reports, pay estimates, change orders, records, documentation, and reports
- Attend conferences and job site meetings as needed
- Provide guidance and resolution to construction issues

Project Assumptions

In preparing this proposal, we have attempted to provide you with a complete package of the engineering services anticipated at this point in time. In doing so, we have made some assumptions which will need to be verified during the engineering process. Any findings which are not consistent with our assumptions may increase the engineering budget for this project. We will thoroughly discuss any such findings with you and negotiate any budget revisions prior to proceeding. Our assumptions are as follows:

- It is our understanding that spoil material regulated as Clean Construction or Demolition Debris (CCDD) will be managed by others and is not included as part of this scope.
- Construction Layout and as-built surveys are not included in this scope. Should the Village request these services, WBK will provide a separate scope and estimate of cost for review and consideration by the Village.

Estimate of Fees

Construction is anticipated to start on or around July 5, 2021 with an anticipated construction completion date set for October 22, 2021. For man-power scheduling and estimating purposes, we are assuming that the Contractor will generally work a five-day work week (Mon.-Fri.) with 50% Saturdays within the time frame of construction (9-hour workdays excluding Sunday or holidays). It is assumed that all construction will be complete including punch list items within 16 weeks after the start date and final documentation and closeout with the Village within 24 weeks after the start of construction. It is assumed the entire project duration will be staffed with one (1) full time field personnel consisting of the resident engineer.

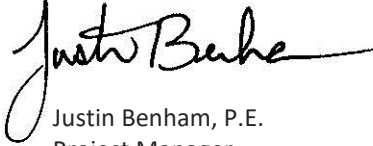
We propose to complete the Scope of Services described above for a not to exceed amount of \$109,112.00 including all labor and reimbursable expenses. A detailed breakdown of estimated man-hours and costs by task is provided in the attached table as Exhibit A.

Please note that preparing this proposal requires the exercise of professional knowledge and judgment, and as such, this proposal remains the proprietary instrument of service of the firm WBK Engineering, LLC. No portion of this proposal may be shared with another firm providing similar services without our permission.

We propose to bill you monthly based on the attached Schedule of Charges. We establish our contract in accordance with the attached General Terms and Conditions. These General Terms and Conditions are expressly incorporated into and are made an integral part of this contract for professional services. We reserve the right to increase our fees by five percent (5%) on December 31st of each calendar year.

If this proposal is acceptable, please return one (1) signed copy to us for our files to serve as a notice to proceed. Thank you for the opportunity to provide service to the Village of Westmont. If you have any questions, please do not hesitate to call.

Sincerely,



Justin Benham, P.E.
Project Manager
WBK Engineering, LLC



Vince Di Prima, P.E., CPESC
Municipal Practice Manager
WBK Engineering, LLC

Encl: Exhibit A: Standard Hourly Table of Work Hour Estimate for Construction Services
In-House Direct Cost Table
2021 Standard Charges for Professional Services
General Terms and Conditions (February 4, 2016)

THIS PROPOSAL, SCHEDULE OF CHARGES, AND GENERAL TERMS & CONDITIONS ACCEPTED FOR THE VILLAGE OF WESTMONT:

BY: _____

TITLE: _____

DATE: _____

**Phase III - Construction Engineering
63rd St & S Richmond Ave Stormwater Improvements
Westmont**

Route 0
Local Agency Village of Westmont
Section 0
Project 0
Job No. 0
Existing Structure No. 0

Method of Compensation:
Standard Hourly Rate

*Firm's **approved rates** on file with IDOT's
Bureau of Accounting and Auditing:

Complexity Factor (R) 0.0
Calendar Days 180

Date: 3/16/2021

Cost Estimate of Consultant's Services in Dollars

Element of Work		Employee Classification	Man-Hours	Hourly Rate	(MH) x Hourly Rate	Services by Others	In-House Direct Costs (IHDC)	Total
1	Pre-Construction Activities					\$ -	\$ 56.00	\$56.00
		Engineer IV	8.0	\$145.00	\$1,160.00			\$1,160.00
		Engineer II	32.0	\$109.00	\$3,488.00			\$3,488.00
2	Construction Layout Coordination & Verification					\$ -	\$56.00	\$56.00
		Engineer II	4.0	\$109.00	\$436.00			\$436.00
		Technician III	16.0	\$119.00	\$1,904.00			\$1,904.00
3	Resident Engineering Services					\$ -	\$2,800.00	\$2,800.00
		Engineer IV	16.0	\$145.00	\$2,320.00			\$2,320.00
		Engineer II	852.0	\$109.00	\$92,868.00			\$92,868.00
		ERS III	0.0	\$112.00	\$0.00			\$0.00
4	Project Administration and Management					\$ -	\$ 112.00	\$112.00
		Engineer V	16.0	\$172.00	\$2,752.00			\$2,752.00
		Engineer IV	8.0	\$145.00	\$1,160.00			\$1,160.00
Totals			952.0		\$ 106,088.00	\$ -	\$ 3,024.00	\$ 109,112.00

Route
 Local Agency Village of Westmont
 Section
 Project
 Job No.
 Existing Structure

WORK HOUR ESTIMATE FOR CONSULTING SERVICES
Phase III - Construction Engineering
63rd St & S Richmond Ave Stormwater Improvements

Description	Engineer V	Engineer IV	Engineer II	Technician III	In House Direct Costs
1 Pre-Construction Activities					
1.1 Review of Existing Data (Plans, Specs & Contract Documents)		4	8		
1.2 Pre-construction set-up, File setup, Job Box, Field Book, Electronic Files			8		
1.3 Contractor Walk Through			8		
1.4 Pre-Construction Meeting (including agenda & meeting minutes)		4	8		
SUB-TOTAL	40.0	8.0	32.0		\$ 56.00
PERCENT		20%	80%		
2 Construction Layout Coordination & Verification					
2.1 Datum Control			2	8	
2.2 Construction Layout Verification			2	8	
SUB-TOTAL	20.0		4.0	16.0	\$ 56.00
PERCENT			20%	80%	
3 Resident Engineering Services					
3.1 Construction Observation & Documentation			792		
3.2 Pay Estimates & Change Orders		8	28		
3.3 Final Quantity Determination, Punch List and Project Closeout		8	32		
SUB-TOTAL	868.0	16.0	852.0		\$ 2,800.00
PERCENT		2%	98%		
4 Project Administration and Management					
4.1 Project Administrative Set-up	4				
4.2 Quality Assurance of Project Tasks	4				
4.3 Project Site Visits		8			
4.4 Contract Administration	4				
4.5 Coordination, Correspondence and Administration	4				
SUB-TOTAL	24.0	16.0	8.0		\$ 112.00
PERCENT		67%	33%		
TOTALS	952.0	16.0	32.0	16.0	\$ 3,024.00
PERCENT		2%	3%	2%	

Phase III - Construction Engineering

In-House Direct Costs (IHDC)

Route 0
 Local Agency Village of Westmont
 Section 0
 Project 0
 Job No. 0
 Existing Struc 0

Consultant **WBK Engineering, LLC**

			TASK 1		TASK 2		TASK 3		TASK 4	
			Pre-Construction Activities		Construction Layout Coordination & Verification		Resident Engineering Services		Project Administration and Management	
ITEM	UNITS	UNIT COST	QUANT.	TOTAL COST	QUANT.	TOTAL COST	QUANT.	TOTAL COST	QUANT.	TOTAL COST
DIRECT COSTS										
Postage & Shipping (UPS, Fed-Ex)	UNIT	\$1.00		\$0.00		\$0.00		\$0.00		\$0.00
Vehicle Usage	DAY	\$65.00		\$0.00		\$0.00		\$0.00		\$0.00
Vehicle Mileage	MILE	\$0.560	100	\$56.00	100	\$56.00	5,000	\$2,800.00	200	\$112.00
24 x 36 BW Bond Sheets	SHEET	\$0.66		\$0.00		\$0.00		\$0.00		\$0.00
24 x 36 Color Bond Sheets	SHEET	\$21.00		\$0.00		\$0.00		\$0.00		\$0.00
24 x 36 Mylar Plots	SHEET	\$13.50		\$0.00		\$0.00		\$0.00		\$0.00
24 x 36 Display Boards	EACH	\$33.00		\$0.00		\$0.00		\$0.00		\$0.00
11 x 17 BW Photocopies	SHEET	\$0.20		\$0.00		\$0.00		\$0.00		\$0.00
11 x 17 Color Photocopies	SHEET	\$2.25		\$0.00		\$0.00		\$0.00		\$0.00
8 ½ x 11 BW Photocopies	SHEET	\$0.15		\$0.00		\$0.00		\$0.00		\$0.00
8 ½ x 11 Color Photocopies	SHEET	\$1.25		\$0.00		\$0.00		\$0.00		\$0.00
Small Report Binding	EACH	\$40.00		\$0.00		\$0.00		\$0.00		\$0.00
Medium Report Binding	EACH	\$75.00		\$0.00		\$0.00		\$0.00		\$0.00
Large Report Binding	EACH	\$100.00		\$0.00		\$0.00		\$0.00		\$0.00
Public Notice (News Paper)	EACH	\$350.00		\$0.00		\$0.00		\$0.00		\$0.00
Survey Equipment (Per Week)	WEEK	\$700.00		\$0.00		\$0.00		\$0.00		\$0.00
Specialty Equipment	UNIT	\$1.00		\$0.00		\$0.00		\$0.00		\$0.00
Permit Fees	UNIT	\$1.00		\$0.00		\$0.00		\$0.00		\$0.00
Plan/Inspection Review Fees	UNIT	\$1.00		\$0.00		\$0.00		\$0.00		\$0.00
Recording Fees	UNIT	\$1.00		\$0.00		\$0.00		\$0.00		\$0.00
Title Commitments	EACH	\$500.00		\$0.00		\$0.00		\$0.00		\$0.00
Phase I Archeological Survey	UNIT	\$1.00		\$0.00		\$0.00		\$0.00		\$0.00
Special Waste Radius Report	UNIT	\$1.00		\$0.00		\$0.00		\$0.00		\$0.00
Sub-Totals					\$56.00		\$56.00		\$2,800.00	\$112.00

WBK ENGINEERING, LLC
2021 Standard Charges for Professional Services

<u>Classification</u>	<u>Hourly Rate</u>
Principal	\$ 215
Engineer VI	\$ 194
Engineer V	\$ 172
Engineer IV	\$ 145
Engineer III	\$ 120
Engineer II	\$ 109
Engineer I	\$ 92
Urban Planner VI	\$ 200
Urban Planner V	\$ 161
Urban Planner IV	\$ 140
Urban Planner III	\$ 109
Urban Planner II	\$ 86
Environmental Resource Specialist V	\$ 152
Environmental Resource Specialist IV	\$ 124
Environmental Resource Specialist III	\$ 112
Environmental Resource Specialist II	\$ 88
Technician IV	\$ 140
Technician III	\$ 119
Technician II	\$ 93
Technician I	\$ 78
Intern	\$ 49
Administrative	\$ 64
Direct Costs: Copies & Prints, Messenger & Delivery Services, Mileage, etc.	Cost +10%

Charges include overhead and profit.

WBK Engineering, LLC reserves the right to increase these rates by 5% annually.

**WBK ENGINEERING, LLC
GENERAL TERMS AND CONDITIONS**

1. Relationship Between Engineer and Client: WBK ENGINEERING, LLC (Engineer) shall serve as Client's professional engineer consultant in those phases of the Project to which this Agreement applies. This relationship is that of a buyer and seller of professional services and as such the Engineer is an independent contractor in the performance of this Agreement and it is understood that the parties have not entered into any joint venture or partnership with the other. The Engineer shall not be considered to be the agent of the Client. Nothing contained in this Agreement shall create a contractual relationship with a cause of action in favor of a third party against either the Client or Engineer.

Furthermore, causes of action between the parties to this Agreement pertaining to acts of failures to act shall be deemed to have accrued and the applicable statute of limitations shall commence to run not later than the date of substantial completion.

2. Responsibility of the Engineer: Engineer will strive to perform services under this Agreement in accordance with generally accepted and currently recognized engineering practices and principles, and in a manner consistent with that level of care and skill ordinarily exercised by members of the profession currently practicing in the same locality under similar conditions. No other representation, express or implied, and no warranty or guarantee is included or intended in this Agreement, or in any report, opinion, document, or otherwise.

Notwithstanding anything to the contrary which may be contained in this Agreement or any other material incorporated herein by reference, or in any Agreement between the Client and any other party concerning the Project, the Engineer shall not have control or be in charge of and shall not be responsible for the means, methods, techniques, sequences or procedures of construction, or the safety, safety precautions or programs of the Client, the construction contractor, other contractors or subcontractors performing any of the work or providing any of the services on the Project. Nor shall the Engineer be responsible for the acts or omissions of the Client, or for the failure of the Client, any architect, engineer, consultant, contractor or subcontractor to carry out their respective responsibilities in accordance with the Project documents, this Agreement or any other agreement concerning the Project. Any provision which purports to amend this provision shall be without effect unless it contains a reference that the content of this condition is expressly amended for the purposes described in such amendment and is signed by the Engineer.

3. Changes: Client reserves the right by written change order or amendment to make changes in requirements, amount of work, or engineering time schedule adjustments, and Engineer and Client shall negotiate appropriate adjustments acceptable to both parties to accommodate any changes, if commercially possible.
4. Suspension of Services: Client may, at any time, by written order to Engineer (Suspension of Services Order) require Engineer to stop all, or any part, of the services required by this Agreement. Upon receipt of such an order, Engineer shall immediately comply with its terms and take all reasonable steps to minimize the costs associated with the services affected by such order. Client, however, shall pay all costs incurred by the suspension, including all costs necessary to maintain continuity and for the resumption of the services upon expiration of the Suspension of Services Order. Engineer will not be obligated to provide the same personnel employed prior to suspension, when the services are resumed, in the event that the period
5. Termination: This Agreement may be terminated by either party upon thirty (30) days written notice in the event of substantial failure by the other party to perform in accordance with the terms hereof through no fault of the terminating party. This Agreement may be terminated by Client, under the same terms, whenever Client shall determine that termination is in its best interests. Cost of termination, including salaries, overhead and fee, incurred by Engineer either before or after the termination date shall be reimbursed by Client.
6. Documents Delivered to Client: Drawings, specifications, reports, and any other Project Documents prepared by Engineer in connection with any or all of the services furnished hereunder shall be delivered to the Client for the use of the Client. Engineer shall have the right to retain originals of all Project Documents and drawings for its files.

Furthermore, it is understood and agreed that the Project Documents such as, but not limited to reports, calculations, drawings, and specifications prepared for the Project, whether in hard copy or machine readable form, are instruments of professional service intended for one-time use in the construction of this Project. These Project Documents are and shall remain the property of the Engineer.

The Client may retain copies, including copies stored on magnetic tape or disk, for information and reference in connection with the occupancy and use of the Project.

When and if record drawings are to be provided by the Engineer, Client understands that information used in the preparation of record drawings is provided by others and Engineer is not responsible for accuracy, completeness, nor sufficiency of such information. Client also understands that the level of detail illustrated by record drawings will generally be the same as the level of detail illustrated by the design drawing used for project construction. If additional detail is requested by the Client to be included on the record drawings, then the Client understands and agrees that the Engineer will be due additional compensation for additional services.

It is also understood and agreed that because of the possibility that information and data delivered in machine readable form may be altered, whether inadvertently or otherwise, the Engineer reserves the right to retain the original tapes/disks and to remove from copies provided to the Client all identification reflecting the involvement of the Engineer in their preparation. The Engineer also reserves the right to retain hard copy originals of all Project Documentation delivered to the Client in machine readable form, which originals shall be referred to and shall govern in the event of any inconsistency between the two.

The Client understands that the automated conversion of information and data from the system and format used by the Engineer to an alternate system or format cannot be accomplished without the introduction of inexactitudes, anomalies, and errors. In the event Project Documentation provided to the Client in machine readable form is so converted, the Client agrees to assume all risks associated therewith and, to the fullest extent permitted by law, to hold harmless and indemnify the Engineer from and against all claims, liabilities, losses, damages, and costs, including but not limited to attorney's fees, arising therefrom or in connection therewith.

The Client recognizes that changes or modifications to the Engineer's instruments of professional service introduced by anyone other than the Engineer may result in adverse consequences which the Engineer can neither predict nor control. Therefore, and in consideration of the Engineer's agreement to deliver its instruments of professional service in machine readable form, the Client agrees, to the fullest extent permitted by law, to hold harmless and indemnify the Engineer from and against all claims, liabilities, losses, damages, and costs, including but not limited to attorney's fees, arising out of or in any way connected with the modification, misinterpretation, misuse, or reuse by others of the machine readable information and data provided by the Engineer under this Agreement. The foregoing indemnification applies, without limitation, to any use of the Project Documentation on other projects, for additions to this Project, or for completion of this Project by others, excepting only such use as may be authorized, in writing, by the Engineer.

7. Reuse of Documents: All Project Documents including but not limited to reports, opinions of probable costs, drawings and specifications furnished by Engineer pursuant to this Agreement are intended for use on the Project only. They cannot be used by Client or others on extensions of the Project or any other project. Any reuse, without specific written verification or adaptation by Engineer, shall be at Client's sole risk, and Client shall indemnify and hold harmless Engineer from all claims, damages, losses, and expenses including attorney's fees arising out of or resulting therefrom.

The Engineer shall have the right to include representations of the design of the Project, including photographs of the exterior and interior, among the Engineer's promotional and professional materials. The Engineer's materials shall not include the Client's confidential and proprietary information if the Client has previously advised the Engineer in writing of the specific information considered by the Client to be confidential and proprietary.

8. Standard of Practice: The Engineer will strive to conduct services under this agreement in a manner consistent with that level of care and skill ordinarily exercised by members of the profession currently practicing in the same locality under similar conditions as of the date of this Agreement.

9. **Compliance with Laws:** The Engineer will strive to exercise usual and customary professional care in his/her efforts to comply with those laws, codes, ordinance and regulations which are in effect as of the date of this Agreement. With specific respect to prescribed requirements of the Americans with Disabilities Act of 1990 or certified state or local accessibility regulations (ADA), Client understands ADA is a civil rights legislation and that interpretation of ADA is a legal issue and not a design issue and, accordingly, retention of legal counsel (by Client) for purposes of interpretation is advisable. As such and with respect to ADA, Client agrees to waive any action against Engineer, and to indemnify and defend Engineer against any claim arising from Engineer's alleged failure to meet ADA requirements prescribed.
- Further to the law and code compliance, the Client understands that the Engineer will strive to provide designs in accordance with the prevailing Standards of Practice as previously set forth, but that the Engineer does not warrant that any reviewing agency having jurisdiction will not for its own purposes comment, request changes and/or additions to such designs. In the event such design requests are made by a reviewing agency, but which do not exist in the form of a written regulation, ordinance or other similar document as published by the reviewing agency, then such design changes (at substantial variance from the intended design developed by the Engineer), if effected and incorporated into the project documents by the Engineer, shall be considered as Supplementary Task(s) to the Engineer's Scope of Service and compensated for accordingly.
10. **Affirmative Action:** The Engineer is committed to the principles of equal employment opportunity. Moreover, as a government contractor bound by Executive Order 11246, Engineer takes its affirmative action obligations very seriously. Engineer states as its Policy of Affirmative Action the following:
- It will be the policy of the Engineer to recruit, hire, train and promote persons in all job titles without regard to race, color, religion, sex, age, disability, veteran status, national origin, or any other characteristic protected by applicable law.
- All employment decisions shall be consistent with the principle of equal employment opportunity, and only job-related qualifications will be required.
- All personnel actions, such as compensation, benefits, transfers, tuition assistance, social and recreational programs, etc. will be administered without regard to race, color, religion, sex, age, disability, veteran status, national origin, or any other characteristic protected by applicable law.
11. **Indemnification:** Engineer shall indemnify and hold harmless Client up to the amount of this contract fee (for services) from loss or expense, including reasonable attorney's fees for claims for personal injury (including death) or property damage to the extent caused by the sole negligent act, error or omission of Engineer.
- Client shall indemnify and hold harmless Engineer under this Agreement, from loss or expense, including reasonable attorney's fees, for claims for personal injuries (including death) or property damage arising out of the sole negligent act, error omission of Client.
- In the event of joint or concurrent negligence of Engineer and Client, each shall bear that portion of the loss or expense that its share of the joint or concurrent negligence bears to the total negligence (including that of third parties), which caused the personal injury or property damage.
- Engineer shall not be liable for special, incidental or consequential damages, including, but not limited to loss of profits, revenue, use of capital, claims of customers, cost of purchased or replacement power, or for any other loss of any nature, whether based on contract, tort, negligence, strict liability or otherwise, by reasons of the services rendered under this Agreement.
12. **Opinions of Probable Cost:** Since Engineer has no control over the cost of labor, materials or equipment, or over the Contractor(s) method of determining process, or over competitive bidding or market conditions, his/her opinions of probable Project Construction Cost provided for herein are to be made on the basis of his/her experience and qualifications and represent his/her judgement as a design professional familiar with the construction industry, but Engineer cannot and does not guarantee that proposal, bids or the Construction Cost will not vary from opinions of probable construction cost prepared by him/her. If prior to the Bidding or Negotiating Phase, Client wishes greater accuracy as to the Construction Cost, the Client shall employ an independent cost estimator Consultant for the purpose of obtaining a second construction cost opinion independent from Engineer.
13. **Governing Law & Dispute Resolutions:** This Agreement shall be governed by and construed in accordance with Articles previously set forth by (Item 9 of) this Agreement, together with the laws of the **State of Illinois**.
- Any claim, dispute or other matter in question arising out of or related to this Agreement, which cannot be mutually resolved by the parties of this Agreement, shall be subject to mediation as a condition precedent to arbitration (if arbitration is agreed upon by the parties of this Agreement) or the institution of legal or equitable proceedings by either party. If such matter relates to or is the subject of a lien arising out of the Engineer's services, the Engineer may proceed in accordance with applicable law to comply with the lien notice or filing deadlines prior to resolution of the matter by mediation or by arbitration.
- The Client and Engineer shall endeavor to resolve claims, disputes and other matters in question between them by mediation which, unless the parties mutually agree otherwise, shall be in accordance with the Construction Industry Mediation Rules of the American Arbitration Association currently in effect. Requests for mediation shall be filed in writing with the other party to this Agreement and with the American Arbitration Association. The request may be made concurrently with the filing of a demand for arbitration but, in such event, mediation shall proceed in advance of arbitration or legal or equitable proceedings, which shall be stayed pending mediation for a period of 60 days from the date of filing, unless stayed for a longer period by agreement of the parties or court order.
- The parties shall share the mediator's fee and any filing fees equally. The mediation shall be held in the place where the Project is located, unless another location is mutually agreed upon. Agreements reached in mediation shall be enforceable as settlement agreements in any court having jurisdiction thereof.
14. **Successors and Assigns:** The terms of this Agreement shall be binding upon and inure to the benefit of the parties and their respective successors and assigns: provided, however, that neither party shall assign this Agreement in whole or in part without the prior written approval of the other.
15. **Waiver of Contract Breach:** The waiver of one party of any breach of this Agreement or the failure of one party to enforce at any time, or for any period of time, any of the provisions hereof, shall be limited to the particular instance, shall not operate or be deemed to waive any future breaches of this Agreement and shall not be construed to be a waiver of any provision, except for the particular instance.
16. **Entire Understanding of Agreement:** This Agreement represents and incorporates the entire understanding of the parties hereto, and each party acknowledges that there are no warranties, representations, covenants or understandings of any kind, matter or description whatsoever, made by either party to the other except as expressly set forth herein. Client and the Engineer hereby agree that any purchase orders, invoices, confirmations, acknowledgments or other similar documents executed or delivered with respect to the subject matter hereof that conflict with the terms of the Agreement shall be null, void and without effect to the extent they conflict with the terms of this Agreement.
17. **Amendment:** This Agreement shall not be subject to amendment unless another instrument is duly executed by duly authorized representatives of each of the parties and entitled "Amendment of Agreement".
18. **Severability of Invalid Provisions:** If any provision of the Agreement shall be held to contravene or to be invalid under the laws of any particular state, county or jurisdiction where used, such contravention shall not invalidate the entire Agreement, but it shall be construed as if not containing the particular provisions held to be invalid in the particular state, country or jurisdiction and the rights or obligations of the parties hereto shall be construed and enforced accordingly.
19. **Force Majeure:** Neither Client nor Engineer shall be liable for any fault or delay caused by any contingency beyond their control including but not limited to acts of God, wars, strikes, walkouts, fires, natural calamities, or demands or requirements of governmental agencies.
20. **Subcontracts:** Engineer may subcontract portions of the work, but each subcontractor must be approved by Client in writing.
21. **Access and Permits:** Client shall arrange for Engineer to enter upon public and private property and obtain all necessary approvals and permits required from all governmental authorities having jurisdiction over the Project. Client shall pay costs (including Engineer's employee salaries, overhead and fee) incident to any effort by Engineer toward assisting Client in such access, permits or approvals, if Engineer performs such services.

22. Designation of Authorized Representative: Each party (to this Agreement) shall designate one or more persons to act with authority in its behalf in respect to appropriate aspects of the Project. The persons designated shall review and respond promptly to all communications received from the other party.
23. Notices: Any notice or designation required to be given to either party hereto shall be in writing, and unless receipt of such notice is expressly required by the terms hereof shall be deemed to be effectively served when deposited in the mail with sufficient first class postage affixed, and addressed to the party to whom such notice is directed at such party's place of business or such other address as either party shall hereafter furnish to the other party by written notice as herein provided.
24. Limit of Liability: The Client and the Engineer have discussed the risks, rewards, and benefits of the project and the Engineer's total fee for services. In recognition of the relative risks and benefits of the Project to both the Client and the Engineer, the risks have been allocated such that the Client agrees that to the fullest extent permitted by law, the Engineer's total aggregate liability to the Client for any and all injuries, claims, costs, losses, expenses, damages of any nature whatsoever or claim expenses arising out of this Agreement from any cause or causes, including attorney's fees and costs, and expert witness fees and costs, shall not exceed the total Engineer's fee for professional engineering services rendered on this project as made part of this Agreement. Such causes included but are not limited to the Engineer's negligence, errors, omissions, strict liability or breach of contract. It is intended that this limitation apply to any and all liability or cause of action however alleged or arising, unless otherwise prohibited by law.
25. Client's Responsibilities: The Client agrees to provide full information regarding requirements for and about the Project, including a program which shall set forth the Client's objectives, schedule, constraints, criteria, special equipment, systems and site requirements.

The Client agrees to furnish and pay for all legal, accounting and insurance counseling services as may be necessary at any time for the Project, including auditing services which the Client may require to verify the Contractor's Application for Payment or to ascertain how or for what purpose the Contractor has used the money paid by or on behalf of the Client.

The Client agrees to require the Contractor, to the fullest extent permitted by law, to indemnify, hold harmless, and defend the Engineer, its consultants, and the employees and agents of any of them from and against any and all claims, suits, demands, liabilities, losses, damages, and costs ("Losses"), including but not limited to costs of defense, arising in whole or in part out of the negligence of the Contractor, its subcontractors, the officers, employees, agents, and subcontractors of any of them, or anyone for whose acts any of them may be liable, regardless of whether or not such Losses are caused in part by a party indemnified hereunder.

Specifically excluded from the foregoing are Losses arising out of the preparation or approval of maps, drawings, opinions, reports, surveys, change orders, designs, or specifications, and the giving of or failure to give directions by the Engineer, its consultants, and the agents and employees of any of them, provided such giving or failure to give is the primary cause of Loss. The Client also agrees to require the Contractor to provide to the Engineer the required certificate of insurance.

The Client further agrees to require the Contractor to name the Engineer, its agents and consultants as additional insureds on the Contractor's policy or policies of comprehensive or commercial general liability insurance. Such insurance shall include products and completed operations and contractual liability coverages, shall be primary and noncontributing with any insurance maintained by the Engineer or its agents and consultants, and shall provide that the Engineer be given thirty days, unqualified written notice prior to any cancellation thereof.

In the event the foregoing requirements, or any of them, are not established by the Client and met by the Contractor, the Client agrees to indemnify and hold harmless the Engineer, its employees, agents, and consultants from and against any and all Losses which would have been indemnified and insured against by the Contractor, but were not.

When Contract Documents prepared under the Scope of Services of this contract require insurance(s) to be provided, obtained and/or otherwise maintained by the Contractor, the Client agrees to be wholly responsible for setting forth any and all such insurance requirements. Furthermore, any document provided for Client review by the Engineer under this Contract related to such insurance(s) shall be considered as sample insurance requirements and not the recommendation of the Engineer.

Client agrees to have their own risk management department review any and all insurance requirements for adequacy and to determine specific types of insurance(s) required for the project. Client further agrees that decisions concerning types and amounts of insurance are specific to the project and shall be the product of the Client. As such, any and all insurance requirements made part of Contract Documents prepared by the Engineer are not to be considered the Engineer's recommendation, and the Client shall make the final decision regarding insurance requirements.

26. Information Provided by Others: The Engineer shall indicate to the Client the information needed for rendering of the services of this Agreement. The Client shall provide to the Engineer such information as is available to the Client and the Client's consultants and contractors, and the Engineer shall be entitled to rely upon the accuracy and completeness thereof. The Client recognizes that it is impossible for the Engineer to assure the accuracy, completeness and sufficiency of such information, either because it is impossible to verify, or because of errors or omissions which may have occurred in assembling the information the Client is providing. Accordingly, the Client agrees, to the fullest extent permitted by law, to indemnify and hold the Engineer and the Engineer's subconsultants harmless from any claim, liability or cost (including reasonable attorneys' fees and cost of defense) for injury or loss arising or allegedly arising from errors, omissions or inaccuracies in documents or other information provided by the Client to the Engineer.
27. Payment: Client shall be invoiced once each month for work performed during the preceding period. Client agrees to pay each invoice within thirty (30) days of its receipt. The client further agrees to pay interest on all amounts invoiced and not paid or objected to for valid cause within said thirty (30) day period at the rate of eighteen (18) percent per annum (or the maximum interest rate permitted under applicable law, whichever is the lesser) until paid. Client further agrees to pay Engineer's cost of collection of all amounts due and unpaid after sixty (60) days, including court costs and reasonable attorney's fees, as well as costs attributed to suspension of services accordingly and as follows:

Collection Costs: In the event legal action is necessary to enforce the payment provisions of this Agreement, the Engineer shall be entitled to collect from the Client any judgement or settlement sums due, reasonable attorneys' fees, court costs and expenses incurred by the Engineer in connection therewith and, in addition, the reasonable value of the Engineer's time and expenses spent in connection with such collection action, computed at the Engineer's prevailing fee schedule and expense policies.

Suspension of Services: If the Client fails to make payments when due or otherwise is in breach of this Agreement, the Engineer may suspend performance of services upon five (5) calendar days' notice to the Client. The Engineer shall have no liability whatsoever to the Client for any costs or damages as a result of such suspension caused by any breach of this Agreement by the Client. Client will reimburse Engineer for all associated costs as previously set forth in (Item 4 of) this Agreement.

28. When construction observation tasks are part of the service to be performed by the Engineer under this Agreement, the Client will include the following clause in the construction contract documents and Client agrees not to modify or delete it:

Kotecki Waiver: Contractor (and any subcontractor into whose subcontract this clause is incorporated) agrees to assume the entire liability for all personal injury claims suffered by its own employees, including without limitation claims under the Illinois Structural Work Act, asserted by persons allegedly injured on the Project; waives any limitation of liability defense based upon the Worker's Compensation Act, court interpretations of said Act or otherwise; and to the fullest extent permitted by law, agrees to indemnify and hold harmless and defend Owner and Engineer and their agents, employees and consultants (the "Indemnitees") from and against all such loss, expense, damage or injury, including reasonable attorneys' fees, that the Indemnitees may sustain as a result of such claims, except to the extent that Illinois law prohibits indemnity for the Indemnitees' own negligence. The Owner and Engineer are designated and recognized as explicit third-party beneficiaries of the Kotecki Waiver within the general contract and all subcontracts entered into in furtherance of the general contract.

29. Job Site Safety/Supervision & Construction Observation: The Engineer shall neither have control over or charge of, nor be responsible for, the construction means, methods, techniques, sequences of procedures, or for safety precautions and programs in connection with the Work since they are solely the Contractor's rights and responsibilities. The Client agrees that the Contractor shall supervise and direct the work efficiently with his/her best skill and attention; and that the Contractor shall be solely responsible for the means, methods, techniques, sequences and procedures of construction and safety at the job site. The Client agrees and warrants that this intent shall be carried out in the Client's contract with the Contractor. The Client further agrees that the Contractor shall be responsible for initiating, maintaining and supervising all safety precautions and programs in connection with the work; and that the Contractor shall take all necessary precautions for the safety of, and shall provide the necessary protection to prevent damage, injury or loss to all employees on the subject site and all other persons who may be affected thereby. The Engineer shall have no authority to stop the work of the Contractor or the work of any subcontractor on the project.

When construction observation services are included in the Scope of Services, the Engineer shall visit the site at intervals appropriate to the stage of the Contractor's operation, or as otherwise agreed to by the Client and the Engineer to: 1) become generally familiar with and to keep the Client informed about the progress and quality of the Work; 2) to strive to bring to the Client's attention defects and deficiencies in the Work and; 3) to determine in general if the Work is being performed in a manner indicating that the Work, when fully completed, will be in accordance with the Contract Documents. However, the Engineer shall not be required to make exhaustive or continuous on-site inspections to check the quality or quantity of the Work. If the Client desires more extensive project observation, the Client shall request that such services be provided by the Engineer as Additional and Supplemental Construction Observation Services in accordance with the terms of this Agreement.

The Engineer shall not be responsible for any acts or omissions of the Contractor, subcontractor, any entity performing any portions of the Work, or any agents or employees of any of them. The Engineer does not guarantee the performance of the Contractor and shall not be responsible for the Contractor's failure to perform its Work in accordance with the Contract Documents or any applicable laws, codes, rules or regulations.

When municipal review services are included in the Scope of Services, the Engineer (acting on behalf of the municipality), when acting in good faith in the discharge of its duties, shall not thereby render itself liable personally and is, to the maximum extent permitted by law, relieved from all liability for any damage that may accrue to persons or property by reason of any act or omission in the discharge of its duties. Any suit brought against the Engineer which involve the acts or omissions performed by it in the enforcement of any provisions of the Client's rules, regulation and/or ordinance shall be defended by the Client until final termination of the proceedings. The Engineer shall be entitled to all defenses and municipal immunities that are, or would be, available to the Client.

30. Insurance and Indemnification: The Engineer and the Client understand and agree that the Client will contractually require the Contractor to defend and indemnify the Engineer and/or any subconsultants from any claims arising from the Work. The Engineer and the Client further understand and agree that the Client will contractually require the Contractor to procure commercial general liability insurance naming the Engineer as an additional named insured with respect to the work. The Contractor shall provide to the Client certificates of insurance evidencing that the contractually required insurance coverage has been procured. However, the Contractor's failure to provide the Client with the requisite certificates of insurance shall not constitute a waiver of this provision by the Engineer.

The Client and Engineer waive all rights against each other and against the Contractor and consultants, agents and employees of each of them for damages to the extent covered by property insurance during construction. The Client and Engineer each shall require similar waivers from the Contractor, consultants, agents and persons or entities awarded separate contracts administered under the Client's own forces.

31. Hazardous Materials/Pollutants: Unless otherwise provided by this Agreement, the Engineer and Engineer's consultants shall have no responsibility for the discovery, presence, handling, removal or disposal of or exposure of persons to hazardous materials/pollutants in any form at the Project site, including but not limited to mold/mildew, asbestos, asbestos products, polychlorinated biphenyl (PCB) or other toxic/hazardous/pollutant type substances.

Furthermore, Client understands that the presence of mold/mildew and the like are results of prolonged or repeated exposure to moisture and the lack of corrective action. Client also understands that corrective action is a operation, maintenance and repair activity for which the Engineer is not responsible.