

Resolution No. 19-14

**Resolution of the Village of Villa Park, DuPage County, Illinois, Approving an Engineering Services Agreement with Christopher B. Burke Engineering, Ltd., of Rosemont, Illinois, for Phase III Construction Engineering of the Jackson Pond Outlet Project in an Amount Not to Exceed \$31,259.00**

**WHEREAS**, the Village of Villa Park is a municipal corporation duly organized and existing under the laws of the State of Illinois; and

**WHEREAS**, the Village of Villa Park has a satisfactory relationship with and has received a proposal from Christopher B. Burke Engineering, Ltd., of Rosemont, Illinois, to perform Phase III construction engineering services for the Jackson Pond Outlet Project in an amount not to exceed \$31,259.00; and

**WHEREAS**, the corporate authorities of the Village of Villa Park have determined that it is in the best interests of the citizens of the Village of Villa Park to enter into an agreement with Christopher B. Burke Engineering, Ltd., of Rosemont, Illinois, as is more particularly set forth in a document styled "**Proposal for Professional Engineering Services; Jackson Pond Outlet Project – Phase III Services**" a copy of which is attached hereto as Exhibit A; and

**NOW THEREFORE, BE IT RESOLVED** by the President and Board of Trustees of the Village of Villa Park, DuPage County, State of Illinois, as follows:

**Section 1:** That the agreement styled "**Proposal for Professional Engineering Services; Jackson Pond Outlet Project – Phase III Services**" attached as Exhibit A, be and the same is hereby approved and the Village Manager is hereby authorized and directed to execute same on behalf of the Village of Villa Park.

**Section 2:** That this resolution shall be in full force and effect from and after its passage and approval according to law.

PASSED this 25<sup>th</sup> day of February, 2019, pursuant to a roll call vote as follows:

AYES: 6  
NAYS: 0  
ABSENT: 1

APPROVED this 25th day of February, 2019.



Attest:

  
Village Clerk

  
Village President





**CHRISTOPHER B. BURKE ENGINEERING, LTD.**

9575 West Higgins Road Suite 600 Rosemont, Illinois 60018 TEL (847) 823-0500 FAX (847) 823-0520

February 15, 2019

Village of Villa Park  
Public Works Department  
11 West Home Avenue  
Villa Park, Illinois 60181

Attention: Mr. Kevin Mantels – Civil Engineer II

Subject: Proposal for Professional Engineering Services  
Jackson Pond Outlet Project - Phase III Services

Dear Mr. Mantels:

Christopher B. Burke Engineering, Ltd. (CBBEL) is pleased to provide this proposal for professional engineering services related to the Jackson Pond Outlet Project in the Village of Villa Park (Village). Included in this proposal is our Understanding of Assignment, Scope of Services, and Estimated Fee.

**UNDERSTANDING OF THE ASSIGNMENT**

CBBEL understands that this project includes construction of approximately 1,100 feet of storm sewer beginning at Jackson Pond and connecting to existing storm sewers along Willow Crest Drive. The project includes the construction of new storm sewer within Village-owned property and along Leslie Lane and Willow Crest Drive, along with associated flared end sections, grates, manholes, catch basins, inlets, restoration of existing concrete and asphalt pavements and sidewalks disturbed by construction; fine grading of the disturbed area; placement of topsoil, sodding or seed and blanket; construction layout; traffic control and protection; and other necessary related and incidental work.

The contract requirements state that the work shall be completed in 45 Calendar Days. CBBEL has assumed that the Jackson Pond Outlet Project will require part time services of 20 hours / week during construction since an inspector will be in the Village working on the adjacent Jackson Pond Overflow Project.

## **SCOPE OF SERVICES**

Based on our experience with similar projects, our anticipated scope of services is detailed below:

### **Task 1 – Pre-Construction:**

1. Review the contractor's schedule for compliance with any milestones and/or restrictions found in the contract documents. CBBEL will review the schedule for constructability to ensure that the work is being completed in a logical sequence.
2. Prepare all project files prior to the start of construction. This shall include reviewing all applicable construction inspectors' checklists found in IDOT's Construction Manual to anticipate any issues that may arise during construction.
3. Review the plans and specifications and identify any potential issues or conflicts that can be resolved prior to construction. This will assist in avoiding unnecessary delays and change orders.
4. Facilitate the Pre-Construction Meeting.

### **Task 2 – Shop Drawing Review**

CBBEL's staff will assist the RE in reviewing shop drawings related to the drainage structures, and other elements as required.

1. Check and approve, or reject and request resubmittal of, any submittals made by the contractor for compliance with the contract documents.
2. Shop Drawings and Contractor Submittals:
  - a. Record data received, maintain a file of drawings and submissions, and check construction for compliance with them.
  - b. Review Contractor's submittals for compliance with contract documents. Notify the Village of any deviations or substitutions. With the notification, provide the Village with a recommendation for acceptance or denial, and request direction from the Village regarding the deviation or substitution.

### **Task 3 – Construction Observation**

#### ***CONSTRUCTION OBSERVATION***

1. Observe the progress and quality of the executed work. Determine if the work is proceeding in accordance with the Contract Documents. CBBEL shall keep the Village informed of the progress of the work, guard the Village against defects and deficiencies in the work, and advise the Village of all observed deficiencies of the work and disapprove or reject all work failing to conform to the Contract Documents.
2. Provide extensive on-site observations of the work in progress and field checks of materials and equipment through an RE and Inspector (if necessary), who shall:
  - Serve as the Village's liaison with the contractor working principally through the contractor's field superintendent.

- Be present whenever the contractor is performing work on-site, associated with the project.
  - Cooperate with the contractor in dealing with the various local agencies and utility companies having jurisdiction over the Project.
  - Record names, addresses and telephone numbers of all contractors, subcontractors, and major material suppliers.
  - Attend all construction conferences. Arrange weekly progress meetings and other job conferences if required. Maintain and circulate copies of records of the meetings.
  - Review contractor's progress on a weekly basis and update the progress schedule. Compare actual progress to the contractor's approved schedule. If the project falls 14 calendar days behind schedule, work with the contractor to determine the appropriate course of action to get back on schedule. The contractor is required to submit a revised schedule for approval prior to further payments being made.
  - Maintain orderly files of correspondence, reports of job meetings, shop drawings and other submissions, RFI responses, original contract documents including all addenda, change orders and additional drawings issued after the award of the contract.
  - Prepare any contract changes needed as construction proceeds. Once the contractor submits a proposal, assist the Village in their review and provide a recommendation.
3. Determine if the project has been completed in accordance with the contract documents and if the contractor has fulfilled all obligations.
  4. Except upon written instruction of the Village, the RE or Inspector shall not authorize any deviation from the Contract Documents.
  5. Alert the Contractor's field superintendent when materials or equipment are being installed before approval of shop drawings or samples, where such are required, and advise the Village when it is necessary to disapprove work as failing to conform to the Contract Documents.
  6. Discuss the truck routes with the Contractor and monitor that the identified routes are being used.
  7. All CBBEL personnel and their sub-consultants will comply with the Village's current safety guidelines.

#### *CONSTRUCTION DOCUMENTATION*

1. Keep an inspector's daily report book and project diary in the Village's format, recording hours on the job site, weather conditions, general and specific observations, daily activities, quantities placed, inspections, decisions, and list of visiting officials, as outlined in IDOT's Construction Manual. Additionally, prepare photo documentation of construction to be submitted in both hard and digital formatting.

2. Prepare payment requisitions and change orders. Review applications for payment with the Contractor for compliance with established submission procedure and forward them with recommendations to the Village.
3. Schedule any material testing at the frequency required by IDOT's QC/QA provisions. Also obtain and document all material inspection received from the Contractor as outlined in the Project Procedures Guide of IDOT's Construction Manual.
4. Prepare a monthly written update to the Village summarizing the Project status, costs and schedule.
5. Review and coordinate response to any RFI from the Contractor in a timely manner and maintain a separate file for each request.

#### **Task 4 – Survey**

1. Verify initial geometric controls.
2. If the contractor is responsible for construction staking, perform periodic measurements to assure the contractor's construction staking and construction layout is accurate per plans.

#### **Task 5 – Erosion Control Inspection**

As required by the provisions of the NPDES Permit Number ILR10, CBBEL's RE will inspect all erosion control measures installed during construction to insure they are in accordance with the Storm Water Pollution Prevention Plan (SWPPP). Proposed Resident Engineer, Mr. Doug Paulus will perform this inspection weekly and generate a report detailing any deficiencies that need to be addressed. This report will be given to the Contractor, as well as the Village. CBBEL's erosion specialist, Casey Perry, CPMSM, will assist the RE with the proper application of SESC practices and Best Management Practices (BMP's) to control the off-site discharge of sediments and pollutants.

#### **Task 6 – Traffic Control Inspection**

Perform barricade checks as outlined in Section 700: Work Zone Traffic Control of IDOT's Construction Manual. At a minimum, CBBEL shall perform the following:

- One detailed daytime inspection per week and two detailed nighttime inspections per month. These inspections shall be recorded on a format in accordance with Village policy or Form BC 726, Traffic Control Inspection Report.
- In addition, the RE will drive through the jobsite daily and document the drive through in the project diary.
- If traffic control is placed during a proposed winter shutdown, two drive-throughs per week will be performed.

If major deficiencies are observed, the RE will notify the contractor immediately and insure that the contractor takes the appropriate actions as outlined in the contract documents.

**Task 7 – Post-Construction**

1. Prior to final inspection, submit to the Contractor a list of observed items requiring correction and verify that each correction has been made.
2. Conduct final inspection with the Village and prepare a final punch list of items to be corrected.
3. Verify that all items on the final punch list have been corrected and make recommendations to the Village concerning acceptance.
4. Prepare final pay estimate and change order(s) for the Village's approval.
5. Verify all necessary material inspection has been received and documented.
6. Submit the job box to the Village with all pertinent project information.

**Task 8 – Record Drawings**

1. CBBEL will maintain a set of working drawings showing changes in the work during construction.
2. CBBEL will prepare and deliver Record Drawings in CAD and PDF formats after completion of the project. (Villa Park to provide as-bid CAD files for CBBEL's use to update data to reflect as-built conditions.)

**ESTIMATED FEE**

The costs of the services provided are as follows and will not be exceeded without prior approval:

<b>Task</b>	<b>Description</b>	<b>Cost</b>
Task 1	Pre-Construction	\$ 3,200
Task 2	Shop Drawing Review	\$ 320
Task 3	Construction Observation/Documentation	\$ 18,560
Task 4	Survey	\$ 1,811
Task 5	Erosion Control Inspection	\$ 1,120
Task 6	Traffic Control Inspection	\$ 1,120
Task 7	Post Construction	\$ 3,200
Task 8	Record Drawings	\$ 1,928
	<b>Total:</b>	<b>\$31,259</b>

We will bill you at the hourly rates specified on the attached Schedule of Charges and establish our contract in accordance with the previously agreed upon General Terms and Conditions. Direct costs for blueprints, photocopying, mailing, mileage, overnight delivery, permit fees, data collection fees, messenger services and report compilation are included in the fee estimate. These General Terms and Conditions are expressly incorporated in and are an integral part of this contract for professional services. It should be emphasized that any

additional requested meetings or additional services are not included in the preceding fee estimate and will be billed at the attached hourly rates.

Please sign and return one copy of this agreement as an indication of acceptance and notice to proceed. Please feel free to contact us at any time.

Sincerely,



Christopher B. Burke, PhD, PE, D.WRE, Dist.M.ASCE  
President

Encl. Schedule of Charges, 2018  
General Terms and Conditions (July 20, 2016)

THIS PROPOSAL, SCHEDULE OF CHARGES AND GENERAL TERMS AND CONDITIONS  
ACCEPTED FOR THE VILLAGE OF VILLA PARK:

BY: Rich Keenan, Jr.  
TITLE: Village Manager  
DATE: 2-28-2019

**Jackson Pond Outlet  
Construction Engineering Services**

**Engineering Fee Estimate**

Task	Description	Classification and Hourly Rate										Total Hours	Fee \$	
		Engineer V \$197	Engineer IV \$160	Engineer III \$144	Engineer I/II \$113	Landscape Architect \$160	Survey V \$219	Survey III \$162	Survey II \$118	Survey I \$118	Survey I \$118			
1	Preconstruction		20										20	\$3,200
2	Shop Drawing Review		2										2	\$320
3	Construction Observation/Documentation		116										116	\$18,560
4	Survey												13	\$1,811
5	Erosion Control Inspection		7										7	\$1,120
6	Traffic Control Inspection		7										7	\$1,120
7	Post Construction		20										20	\$3,200
8	Record Drawings		8										12	\$1,928
	<b>Material Testing</b>													
	Direct Costs													
	<b>TOTAL</b>	<b>0</b>	<b>180</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>1</b>	<b>8</b>	<b>8</b>	<b>197</b>	<b>\$31,259</b>

Total Not-to-Exceed Fee = **\$31,259**

**Key Personnel**  
Kevin Wilson, PE  
Doug Paulus, PE

**Classification**  
ENG V  
ENG IV

**Project Role**  
Project Manager  
Resident Engineer

\* Cost based upon part time observation over 45 calendar days, including punch list completion date and may be subject to change based upon extended work by the Contractor

\*\* Construction Observation / Erosion Control Inspection / Traffic Control Inspection estimated at 20 hrs/week

\*\*\*Material Testing and Direct Costs are not included due to work on the adjacent Jackson Pond Overflow Project

**CHRISTOPHER B. BURKE ENGINEERING, LTD.**  
**STANDARD CHARGES FOR PROFESSIONAL SERVICES**  
**JANUARY, 2019**

<u>Personnel</u>	Charges*
	(\$/Hr)
Principal	265
Engineer VI	241
Engineer V	200
Engineer IV	163
Engineer III	146
Engineer I/II	116
Survey V	220
Survey IV	188
Survey III	165
Survey II	121
Survey I	96
Engineering Technician V	190
Engineering Technician IV	155
Engineering Technician III	140
Engineering Technician I/II	65
CAD Manager	170
Assistant CAD Manager	147
CAD II	130
GIS Specialist III	142
GIS Specialist I/II	90
Landscape Architect	163
Environmental Resource Specialist V	208
Environmental Resource Specialist IV	163
Environmental Resource Specialist III	134
Environmental Resource Specialist I/II	90
Environmental Resource Technician	110
Administrative	100
Engineering Intern	61
Information Technician III	125
Information Technician I/II	112
<u>Direct Costs</u>	
Outside Copies, Blueprints, Messenger, Delivery Services, Mileage	Cost + 12%

\*Charges include overhead and profit

Christopher B. Burke Engineering, Ltd. reserves the right to increase these rates and costs by 5% after December 31, 2019.

CHRISTOPHER B. BURKE ENGINEERING, LTD.  
GENERAL TERMS AND CONDITIONS  
Village of Villa Park

1. Relationship Between Engineer and Client: Christopher B. Burke Engineering, Ltd. (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.
  
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.

Engineer is responsible for the acts of its employees as it relates to the professional services provided. 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 of suspension is greater than thirty (30) days.

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 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 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.

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. Indemnification: Engineer shall indemnify and hold harmless Client 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.

11. 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.
12. 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**.
13. 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.

14. 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.
15. 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.
16. 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".
17. 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.
18. 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.
19. Subcontracts: Engineer may subcontract portions of the work, but each subcontractor must be approved by Client in writing.
20. 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 perform such services.
21. 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.
22. 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.

23.

24. 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.

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.

25. 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.

26. 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.

27. 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.

28. 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.

29.

30. 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.

June 13, 2005

Revised December 12, 2013

Revised December 20, 2013

Revised July 20, 2016

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