



### AGENDA ITEM EXECUTIVE SUMMARY

Agenda Item:	Industrial Waste Treatment Study, CDM Smith		
Presenter & Title:	Bob VanGyseghem, Superintendent of Water & Wastewater		
Date:	April 7, 2025		
<b>Please Check Appropriate Box:</b>			
<input checked="" type="checkbox"/>	Committee of the Whole Meeting	<input type="checkbox"/>	Special Committee of the Whole Meeting
<input checked="" type="checkbox"/>	City Council Meeting	<input type="checkbox"/>	Special City Council Meeting
<input type="checkbox"/>	Public Hearing	<input type="checkbox"/>	Other -
Associated Strategic Plan Goal/Objective: EMSII			
Estimated Cost: \$40,000	Budgeted?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Other Funding? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
<b>Executive Summary:</b>			
<p>In the past 6-months the wastewater plant has seen a large increase in loadings from industrial sources. This has caused significant operational issues at the plant. Staff is seeking assistance from CDM Smith to: study the impacts of the increased loadings; recommend changes in plant operations to comply with National Pollution Discharge Elimination System, NPDES, permit limits; and provide updated costs to treat excessive strength waste. Cost for this study will be accommodated within the current budget and reflected in a future budget amendment if necessary.</p>			
<b>Attachments:</b> <i>(please list)</i>			
<ul style="list-style-type: none"> <li>• Resolution</li> <li>• Contract</li> </ul>			
<b>Voting Requirements:</b>			
<p><i>This motion requires a simple majority of affirmative votes for passage. (City Council Only)</i></p> <p><i>The Mayor may vote on three occasions: (a) when the vote of the alderpersons has resulted in a tie; (b) when one half of the alderpersons elected have voted in favor of an ordinance, resolution, or motion even though there is no tie vote; or (c) when a vote greater than a majority of the corporate authorities is required by state statute or local ordinance to adopt an ordinance, resolution, or motion.</i></p>			
<b>Recommendation / Suggested Action:</b> <i>(how the item should be listed on agenda)</i>			
<p>Recommend Approval of a Resolution Authorizing City Administrator to enter into a Professional Services Agreement with CDM Smith in the amount not-to-exceed \$40,000.00.</p>			

**RESOLUTION NO. 2025-32**

**RESOLUTION AUTHORIZING EXECUTION OF  
Professional Service Agreement for Industrial Waste Treatment Study**

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**BE IT RESOLVED BY THE CITY COUNCIL OF THE CITY OF GENEVA, KANE COUNTY, ILLINOIS**, as follows:

**SECTION 1:** That the City Administrator is hereby authorized to execute, on behalf of the City of Geneva, approval of a professional engineering service agreement with CDM Smith, related to an industrial waste treatment study. (Exhibit A)

**SECTION 2:** This Resolution shall become effective from and after its passage as in accordance with law.

**PASSED** by the City Council of the City of Geneva, Kane County, Illinois, this \_\_\_\_ day of \_\_\_\_\_, 2025

**AYES:** \_\_ **NAYS:** \_\_ **ABSENT:** \_\_ **ABSTAINING:** \_\_ **HOLDING OFFICE:** \_\_

Approved by me this \_\_\_\_ day of \_\_\_\_\_, 2025.

\_\_\_\_\_  
Mayor

ATTEST:

\_\_\_\_\_  
City Clerk

# City of Geneva WWTF Detailed Scope of Services for Industrial Waste Treatment Study

In late summer 2024, an Industrial Contributor began a new production line in their facility that discharges to the Geneva Wastewater Treatment Facility (WWTF) that resulted in excessive biochemical oxygen demand (BOD), total suspended solids (TSS), fats, oil, and grease (FOG) loading to the WWTF. This excessive loading has led to operational challenges in the primary, secondary, and solids handling processes at the WWTF.

This Industrial Contributor operates a pH adjustment and equalization pretreatment system on this waste stream that was re-rated by IEPA Permit No. 2023-EN-68900 for a flow of 72,300 gallons per day (GPD) daily average flow (DAF), 403,200 GPD daily maximum flow (DMF), and 4,256 BOD5 population equivalent.

Per Ordinance 9-3A-5, the City of Geneva can apply surcharges to waste that exceeds normal domestic sewage characteristics as follows:

- \$0.35 for every pound of BOD discharged above 200 mg/L
- \$0.34 for every pound of Suspended Solids above 220 mg/L
- \$0.78 for every pound of Ammonia Nitrogen above 20 mg/L

Surcharges for excessive loading have exceeded \$100,000 for the last quarter of 2024.

CDM Smith is currently at the 90% design phase for solids handling improvements at the WWTF, including new waste activated sludge (WAS) tanks and sludge thickening, dewatering, and conveying improvements.

CDM Smith was requested to evaluate the impact of these excessive loads on the WWTF, the applicability of the current surcharges, the impact to the solids handling improvements in design, to provide plant operations support, and to provide general consulting to the City as they work with the Industrial Contributor on this matter.

## **Scope of Work**

### **Task 1 – Meetings, Project Management, and Quality Control**

CDM Smith will perform the following tasks to maintain the project on schedule, within budget and quality of work products:

- Project Kick-Off and Monthly Progress Meetings
  - CDM Smith will prepare for and conduct a kick-off meeting for the project.
  - CDM Smith will attend virtual monthly progress meetings during the estimated 6-month project duration. CDM Smith will prepare and distribute meeting minutes of

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each meeting as appropriate. This task also includes monthly project status review management meetings, and periodic progress internal team meetings.

- Project Quality Control (QC) Technical Review
- An independent reviewer will be assigned to this project to perform review of the information on each submittal to the City.

## **Task 2 – Data Collection, Modeling, and Analysis**

### **Task 2.1 – Data Collection**

CDM Smith will review data either already obtained or made available by the City. These data include the following:

- Industrial Contributor Water Pollution Control Permit
- Industrial Contributor discharge reports
- Surcharge calculations
- WWTF NPDES Permit
- 2024 & 2025 operational data
- MLSS, MLVSS (mg/L)
- Sludge flows and concentrations (WAS + PS)
- Sludge Volume Index (SVIs, ml/g)
- Primary Clarifier and Secondary Clarifier sludge blanket depths
- Hauled Biosolids (tpd)
- 2024 and 2025 Influent, primary effluent, and final effluent data (flow, temperature, pH, BOD, COD, TSS, TKN, and TP)
- 2024 Daily or hourly (if recorded) airflows w/ DO readings
- 2024 WWTF electricity bills
- 2024 WWTF operational budgets
- 2024 WWTF Updated rate study information

### **Task 2.2 – Process Modeling**

CDM Smith will develop a sampling and testing procedure to characterize the soluble and readily biodegradable fraction of COD in the influent wastewater. These tests will include total COD, soluble COD, and filtered and flocculated COD (for the raw influent, primary effluent, and secondary effluent). It is assumed that the City will perform and/or contract for this limited sampling program.

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CDM Smith will be update and utilize the previously developed BioWin process model to evaluate the following three conditions:

- Baseline – 2024 loading prior to the Industrial Contributor’s increased loading (using the previous influent carbon fractions)
- Current – Baseline loading with the Industrial Contributor’s increased loading (with the updated influent carbon fraction)
- Permitted – Baseline loading with the Industrial Contributor’s permitting loading

The model will be used to quantify the changes in solids production, aeration demand, and effluent quality, with and without Industrial Contributor’s high strength loading, and the impacts to the overall treatment plant performance. A capacity analysis will be conducted to determine how much high strength discharge can be treated at the plant prior to substantial impacts on the aeration capacity and solids handling capacity.

CDM Smith will include a Level 2 model calibration with recent historical influent and operating data. Steady State models will be run for each condition (Baseline, Current, and Permitted) for average day, maximum month, and peak day loading rates. The model will be used alongside spreadsheet calculations for state point analysis.

### **Task 2.3 – Surcharge Evaluation**

CDM Smith will utilize operational and financial data to evaluate current surcharge rates and propose updated rates that accurately reflect the additional cost to treat loads stronger than normal domestic sewage.

### **Task 2.4 – Technical Memorandum**

The above evaluations will be summarized in a technical memorandum. A draft copy of the memorandum will be submitted to the City and will be presented in a virtual review workshop with the City. This meeting will include at least three representatives from CDM Smith. The City will provide written comments on the draft report for CDM Smith to address. CDM Smith will address the review comments and submit a final memorandum to the City.

## **Task 3 – Consulting Services**

### **Task 3.1 – Operations Consulting**

CDM Smith will provide consulting services to the City as it relates to ongoing efforts, including communications and negotiations with outside waste source, to maintain plant operations during this period of elevated loading. A total of 40 hours is assumed for this task, including two days of on-site support from a senior operational specialist.

## **Schedule**

CDM Smith estimates a 5-month duration for these services. The draft technical memorandum will be issued within 3 months of the notice to proceed.

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## **Fee**

CDM Smith proposes to complete the above tasks for a not-to-exceed fee of \$40,000 to be billed on a time and material basis according to the attached hourly rate sheet. Other Direct Costs, such as printing and mileage will be billed at cost and subconsultants (none anticipated) will billed with a 10% markup.

## AGREEMENT BETWEEN OWNER AND ENGINEER

THIS IS AN AGREEMENT made effective on February 24th, 2025 between City of Geneva ("OWNER") and CDM Smith Inc. ("ENGINEER").

OWNER's Project is generally identified as follows: Industrial Waste Treatment Study (the "Project").

OWNER and ENGINEER, in consideration of their mutual covenants herein, agree in respect of the performance or furnishing of services by ENGINEER to the Project and the payment for those services by OWNER as set forth below. Execution of this Agreement by ENGINEER and OWNER constitutes OWNER's written authorization to ENGINEER to proceed on the date first above written with the Services described in Article 1 below.

### 1. SCOPE OF SERVICES

- 1.1 ENGINEER agrees to perform, or cause to be performed, for OWNER services as described in Exhibit A (hereinafter referred to as "Services") in accordance with the requirements outlined in this Agreement.

### 2. TIMES FOR RENDERING SERVICES

- 2.1 Specific time periods and/or specific dates for the performance of ENGINEER's Services are set forth in Exhibit A.
- 2.2 If, through no fault of Engineer, such periods of time or dates are changed, or the orderly and continuous progress of Engineer's services is impaired, or Engineer's services are delayed or suspended, then the time for completion of Engineer's services, and the rates and amounts of Engineer's compensation, shall be adjusted equitably.
- 2.3 If Owner authorizes changes in the scope, extent, or character of the Project or Engineer's services, then the time for completion of Engineer's services, and the rates and amounts of Engineer's compensation, shall be adjusted equitably.
- 2.4 Owner shall make decisions and carry out its other responsibilities in a timely manner so as not to delay the Engineer's performance of its services. If ENGINEER's services are delayed or suspended in whole or in part by OWNER for more than three months through no fault of ENGINEER, ENGINEER shall be entitled to equitable adjustment of the schedule and of rates and amounts of compensation provided for elsewhere in this Agreement to reflect, among other things, reasonable costs incurred by ENGINEER in connection with such delay or suspension and reactivation.

### 3. OWNER'S RESPONSIBILITIES

OWNER shall:

- 3.1 Pay the ENGINEER in accordance with the terms of this Agreement.

- 3.2 Designate in writing a person to act as OWNER's representative with respect to the services to be performed or furnished by ENGINEER under this Agreement. Such person will have complete authority to transmit instructions, receive information, interpret, and define OWNER's policies and decisions with respect to ENGINEER's services for the Project.
- 3.3 Provide all criteria and full information as to OWNER's requirements for the Project, including, as applicable to the Services, design objectives and constraints, space, capacity and performance requirements, flexibility and expandability, and furnish copies of all design and construction standards which OWNER will require to be included in the Drawings and Specifications.
- 3.4 Be responsible for all requirements and instructions that it furnishes to ENGINEER, and for the accuracy and completeness of all requirements, programs, instructions, reports, data, and other information furnished by OWNER to ENGINEER pursuant to this Agreement
- 3.5 Give prompt written notice to ENGINEER whenever OWNER observes or otherwise becomes aware of any development that affects the scope or time of performance or furnishing of ENGINEER's Services or any relevant, material defect or nonconformance in ENGINEER's Services or in the work of any Contractor employed by Owner on the Project.
- 3.6 Bear all costs incident to compliance with the requirements of this Article 3.

#### **4. PAYMENTS TO ENGINEER FOR SERVICES**

- 4.1 Methods of Payment for Services of ENGINEER.
  - 4.1.1 OWNER shall pay ENGINEER for Services performed or furnished under this Agreement or as described in Exhibit A. The amount of any excise, VAT, or gross receipts tax that may be imposed shall be added to the compensation shown in Exhibit . If after the Effective Date any governmental entity takes a legislative action that imposes additional sales or use taxes on Engineer's services or compensation under this Agreement, then Engineer may invoice such additional taxes for reimbursement by Owner. Owner shall reimburse Engineer for the cost of such invoiced additional taxes in addition to the compensation to which Engineer is entitled.
  - 4.1.2 Invoices for Services will be prepared in accordance with ENGINEER's standard invoicing practices and will be submitted to OWNER by ENGINEER at least monthly. Payments are due within 30 days of receipt of invoice.
  - 4.1.3 If OWNER fails to make any payment due ENGINEER for services and expenses within thirty days after receipt of ENGINEER's invoice therefor, the amounts due ENGINEER will be increased at the rate of 1.0% per month (or the maximum rate of interest permitted by law, if less) from said thirtieth day; and, in addition, ENGINEER may, after giving seven days' written notice to OWNER, suspend services under this Agreement until ENGINEER has been paid in full all amounts due for services, expenses and charges. Payments will be credited first to interest and then to principal. In the event of a disputed or contested billing, only that portion so contested may be withheld from payment, and the undisputed portion will be paid.
  - 4.1.4 OWNER agrees to pay ENGINEER all costs of collection including but not limited to reasonable attorneys' fees, collection fees and court costs incurred by ENGINEER to collect properly due payments.

## 5. GENERAL CONDITIONS

### 5.1 Standard of Care

The standard of care for all professional engineering and related services performed or furnished by ENGINEER under this Agreement will be the care and skill ordinarily used by members of ENGINEER's profession practicing under similar conditions at the same time and in the same locality. Engineer makes no warranties, express or implied, under this Agreement or otherwise, in connection with any services performed or furnished by Engineer.

### 5.2 Technical Accuracy

Owner shall not be responsible for discovering deficiencies in the technical accuracy of Engineer's services. Engineer shall correct deficiencies in technical accuracy without additional compensation, unless such corrective action is directly attributable to deficiencies in Owner-furnished information.

### 5.3 Opinions of Probable Construction Cost

Engineer's opinions (if any) of probable Construction Cost are to be made on the basis of Engineer's experience, qualifications, and general familiarity with the construction industry. However, because Engineer has no control over the cost of labor, materials, equipment, or services furnished by others, or over contractors' methods of determining prices, or over competitive bidding or market conditions, Engineer cannot and does not guarantee that proposals, bids, or actual Construction Cost will not vary from opinions of probable Construction Cost prepared by Engineer. If Owner requires greater assurance as to probable Construction Cost, then Owner agrees to obtain an independent cost estimate.

### 5.4 Reliance on Owner Provided Information

ENGINEER may use and rely on such requirements, programs, instructions, reports, data, and information provided by the OWNER in performing or furnishing services under this Agreement. ENGINEER's scope of work does not include verifying OWNER Provided Information for accuracy or completeness. OWNER may request an independent review of OWNER Provided Information by ENGINEER pursuant to a mutually agreed amendment to this Agreement. ENGINEER shall be entitled to an adjustment in price and schedule to the extent that any corrective action in ENGINEER's Services arises out of inaccurate OWNER Provided Information.

In the case where the ENGINEER's scope includes taking a preliminary or conceptual design that was prepared by another consultant for the OWNER and further developing that design to the level where it is appropriate to be issued for construction or bidding, ENGINEER shall not be responsible for latent errors or mistakes that are incorporated in that preliminary or conceptual design. Except where ENGINEER's scope explicitly includes a duty to validate or verify the preliminary or conceptual design or the underlying data and calculations, and then except only to the extent of the duty expressed in the scope, ENGINEER shall be entitled to rely on the preliminary or conceptual design as it appears in the documents provided by OWNER.

### 5.5 Compliance with Laws and Regulations, and Policies and Procedures

5.5.1 Engineer and Owner shall comply with applicable Laws and Regulations.

- 5.5.2 This Agreement is based on Laws and Regulations procedures as of the Effective Date. Changes after the Effective Date to Laws and Regulations may be the basis for modifications to Owner's responsibilities or to Engineer's scope of services, times of performance, or compensation.
- 5.5.3 Engineer shall not be required to sign any document, no matter by whom requested, that would result in the Engineer having to certify, guarantee, or warrant the existence of conditions whose existence the Engineer cannot ascertain. Owner agrees not to make resolution of any dispute with the Engineer or payment of any amount due to the Engineer in any way contingent upon the Engineer signing any such document.
- 5.5.4 Engineer shall not at any time supervise, direct, control, or have authority over any Constructor's work, nor shall Engineer have authority over or be responsible for the means, methods, techniques, sequences, or procedures of construction selected or used by any Constructor, or the safety precautions and programs incident thereto, for security or safety at the Site, nor for any failure of a Constructor to comply with Laws and Regulations applicable to that Constructor's furnishing and performing of its work. Engineer shall not be responsible for the acts or omissions of any Constructor.
- 5.5.5 Engineer neither guarantees the performance of any Constructor nor assumes responsibility for any Constructor's, failure to furnish and perform the Work in accordance with the Construction Contract Documents.
- 5.5.6 Engineer shall not be responsible for any decision made regarding the Construction Contract Documents, or any application, interpretation, clarification, or modification of the Construction Contract Documents, other than those made by Engineer or its Consultants.
- 5.5.7 Engineer is not required to provide and does not have any responsibility for surety bonding or insurance-related advice, recommendations, counseling, or research, or enforcement of construction insurance or surety bonding requirements.
- 5.5.8 Engineer's services do not include providing legal advice or representation.
- 5.5.9 Engineer's services do not include (1) serving as a "municipal advisor" for purposes of the registration requirements of Section 975 of the Dodd-Frank Wall Street Reform and Consumer Protection Act (2010) or the municipal advisor registration rules issued by the Securities and Exchange Commission, or (2) advising Owner, or any municipal entity or other person or entity, regarding municipal financial products or the issuance of municipal securities, including advice with respect to the structure, timing, terms, or other similar matters concerning such products or issuances.
- 5.5.10 While at the Site, Engineer, its Consultants, and their employees and representatives shall comply with the applicable requirements of Contractor's and Owner's safety programs of which Engineer has been informed in writing.

## 5.6 Termination

The obligation to provide further services under this Agreement may be terminated:

- 5.6.1 The obligation to provide further services under this Agreement may be terminated for cause:

- A. by either party upon 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.
  - B. by Engineer:
    - a) upon seven days written notice if Owner demands that Engineer furnish or perform services contrary to Engineer's responsibilities as a licensed professional; or
    - b) upon seven days written notice if the Engineer's services for the Project are delayed or suspended for more than 90 days for reasons beyond Engineer's control, or as the result of the presence at the Site of undisclosed Constituents of Concern.
    - c) Engineer shall have no liability to Owner on account of such termination.
  - C. Notwithstanding the foregoing, this Agreement will not terminate for cause if the party receiving such notice begins, within seven days of receipt of such notice, to correct its substantial failure to perform and proceeds diligently to cure such failure within no more than 30 days of receipt thereof; provided, however, that if and to the extent such substantial failure cannot be reasonably cured within such 30 day period, and if such party has diligently attempted to cure the same and thereafter continues diligently to cure the same, then the cure period provided for herein shall extend up to, but in no case more than, 60 days after the date of receipt of the notice.
- 5.6.2 The obligation to provide further services under this Agreement may be terminated for convenience, by Owner effective upon Engineer's receipt of notice from Owner.
- 5.6.3 Effective Date of Termination: The terminating party under Paragraph 5.5.1 may set the effective date of termination at a time up to 30 days later than otherwise provided to allow Engineer to demobilize personnel and equipment from the Site, to complete tasks whose value would otherwise be lost, to prepare notes as to the status of completed and uncompleted tasks, and to assemble Project materials in orderly files.
- 5.6.4 Payments Upon Termination:
- A. In the event of any termination under Paragraph 5.5, Engineer will be entitled to invoice Owner and to receive full payment for all services performed or furnished in accordance with this Agreement and all Reimbursable Expenses incurred through the effective date of termination. Upon making such payment, Owner shall have the limited right to the use of Documents, at Owner's sole risk, subject to the provisions of Paragraph 5.6.
  - B. In the event of termination by Owner for convenience or by Engineer for cause, Engineer shall be entitled, in addition to invoicing for those items identified in Paragraph 5.5.4.a, to invoice Owner and receive payment of a reasonable amount for services and expenses directly attributable to termination, both before and after the effective date of termination, such as reassignment of personnel, costs of terminating contracts with Engineer's Consultants, and other related close-out costs.

## 5.7 Use of Documents

- 5.7.1 All Documents are instruments of service, and ENGINEER shall retain an ownership and property interest therein (including the copyright and the right of reuse at the discretion of the ENGINEER) whether or not the Project is completed.
- 5.7.2 If Engineer is required to prepare or furnish Drawings or Specifications under this Agreement, Engineer shall deliver to Owner at least one original printed record version of such Drawings and Specifications, signed and sealed according to applicable Laws and Regulations.
- 5.7.3 Owner and Engineer may transmit, and shall accept, Project-related correspondence, Documents, text, data, drawings, information, and graphics, in electronic media or digital format, either directly, or through access to a secure Project website, in accordance with a mutually agreeable protocol. If this Agreement does not establish protocols for electronic or digital transmittals, then Owner and Engineer shall jointly develop such protocols. When transmitting items in electronic media or digital format, the transmitting party makes no representations as to long term compatibility, usability, or readability of the items resulting from the recipient's use of software application packages, operating systems, or computer hardware differing from those used in the drafting or transmittal of the items, or from those established in applicable transmittal protocols.
- 5.7.4 OWNER may make and retain copies of Documents for information and reference in connection with use on the Project by OWNER. Upon receipt of full payment due and owing for all Services, ENGINEER grants OWNER a license to use the Documents on the Project, extensions of the Project, and related uses of OWNER, subject to the following limitations: (1) OWNER acknowledges that such Documents are not intended or represented to be suitable for use on the Project unless completed by ENGINEER, or for use or reuse by OWNER or others on extensions of the Project or on any other project without written verification or adaptation by ENGINEER; (2) any such use or reuse, or any modification of the Documents, without written verification, completion, or adaptation by ENGINEER, as appropriate for the specific purpose intended, will be at OWNER's sole risk and without liability or legal exposure to ENGINEER or to ENGINEER's Consultants; (3) OWNER shall indemnify and hold harmless ENGINEER and ENGINEER's Consultants from all claims, damages, losses, and expenses, including attorneys' fees, arising out of or resulting from any use, reuse, or modification without written verification, completion, or adaptation by ENGINEER; (4) such limited license to OWNER shall not create any rights in third parties.
- 5.7.5 If ENGINEER at OWNER's request verifies or adapts the Documents for extensions of the Project or for any other project, then OWNER shall compensate ENGINEER at rates or in an amount to be agreed upon by OWNER and ENGINEER.

## 5.8 Controlling Law

This Agreement is to be governed by the Laws and Regulations of the State of Illinois.

## 5.9 Mutual Waiver of Consequential Damages

Notwithstanding any other provision of this Agreement to the contrary, neither party including their officers, agents, servants and employees shall be liable to the other for lost profits or any special, indirect, incidental, or consequential damages in any way arising out of this Agreement

however caused under a claim of any type or nature based on any theory of liability (including, but not limited to: contract, tort, or warranty) even if the possibility of such damages has been communicated.

#### 5.10 Limitation of Liability

In no event shall ENGINEER's total liability to OWNER and/or any of the OWNER's officers, employees, agents, contractors or subcontractors for any and all injuries, claims, losses, expenses or damages whatsoever arising out of or in any way related to this agreement from cause or causes, including, but not limited to, ENGINEER's wrongful act, omission, negligence, errors, strict liability, breach of contract, breach of warranty, express or implied, exceed the total amount of fee paid to ENGINEER under this agreement or \$50,000, whichever is greater.

#### 5.11 Successors and Assigns

5.11.1 OWNER and ENGINEER each is hereby bound and the partners, successors, executors, administrators and legal representatives of OWNER and ENGINEER (and to the extent permitted by paragraph 5.10.2 the assigns of OWNER and ENGINEER) are hereby bound to the other party to this Agreement and to the partners, successors, executors, administrators and legal representatives (and said assigns) of such other party, in respect of all covenants, agreements and obligations of this Agreement.

5.11.2 Neither OWNER nor ENGINEER may assign, sublet or transfer any rights under or interest (including, but without limitation, moneys that may become due or moneys that are due) in this Agreement without the written consent of the other, except to the extent that any assignment, subletting or transfer is mandated by law or the effect of this limitation may be restricted by law. Unless specifically stated to the contrary in any written consent to an assignment, no assignment will release or discharge the assignor from any duty or responsibility under this Agreement.

5.11.3 Unless expressly provided otherwise in this Agreement:

- A. Nothing in this Agreement shall be construed to create, impose or give rise to any duty owed by ENGINEER to any Constructor, other person or entity, or to any surety for or employee of any of them, or give any rights in or benefits under this Agreement to anyone other than OWNER and ENGINEER.
- B. All duties and responsibilities undertaken pursuant to this Agreement will be for the sole and exclusive benefit of OWNER and ENGINEER and not for the benefit of any other party.

#### 5.12 Notices

Any notice required under this Agreement will be in writing, addressed to the appropriate party at the address which appears on the signature page to this Agreement (as modified in writing from time to time by such party) and given personally, by registered or certified mail, return receipt requested, by facsimile, or by a nationally recognized overnight courier service. All notices shall be effective upon the date of receipt.

#### 5.13 Severability

Any provision or part of the Agreement held to be void or unenforceable under any law or regulation shall be deemed stricken, and all remaining provisions shall continue to be valid and

binding upon OWNER and ENGINEER, who agree that the Agreement shall be reformed to replace such stricken provision or part thereof with a valid and enforceable provision that comes as close as possible to expressing the intention of the stricken provision.

#### 5.14 Changed Conditions

If concealed or unknown conditions that affect the performance of the Services are encountered, which conditions are not ordinarily found to exist or which differ materially from those generally recognized as inherent in the Services of the character provided for under this Agreement or which could not have reasonably been anticipated, notice by the observing party shall be given promptly to the other party and, if possible, before conditions are disturbed. Upon claim by the ENGINEER, the payment and schedule shall be equitably adjusted for such concealed or unknown condition by change order or amendment to reflect additions that result from such concealed, changed, or unknown conditions.

#### 5.15 Environmental Site Conditions

5.15.1 It is acknowledged by both parties that ENGINEER's scope of services does not include any services related to Constituents of Concern, as defined in Article 6. If ENGINEER or any other party encounters an undisclosed Constituent of Concern, or if investigative or remedial action, or other professional services, are necessary with respect to disclosed or undisclosed Constituents of Concern as defined in Article 6, then ENGINEER may, at its option and without liability for consequential or any other damages, suspend performance of services on the portion of the Project affected thereby until OWNER: (1) retains appropriate specialist consultant(s) or contractor(s) to identify and, as appropriate, abate, remediate, or remove the Constituents of Concern, and (2) warrants that the Site is in full compliance with applicable Laws and Regulations.

5.15.2 If the presence at the Site of undisclosed Constituents of Concern adversely affects the performance of ENGINEER's services under this Agreement, then the ENGINEER shall have the option of (1) accepting an equitable adjustment in its compensation or in the time of completion, or both; or (2) terminating this Agreement for cause on 30 days' notice.

5.15.3 OWNER acknowledges that ENGINEER is performing professional services for OWNER and that ENGINEER is not and shall not be required to become an "arranger," "operator," "generator," or "transporter" of hazardous substances, so defined in the Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA), as amended, which are or may be encountered at or near the Site in connection with ENGINEER's activities under this Agreement.

#### 5.16 Insurance

ENGINEER shall procure and maintain insurance for protection from claims under workers' compensation acts, claims for damages because of bodily injury including personal injury, sickness or disease or death of any and all employees or of any person other than such employees, and from claims or damages because of injury to or destruction of property.

#### 5.17 Discovery

ENGINEER shall be entitled to compensation on a time and materials basis when responding to all requests for discovery relating to this Project and to extent that ENGINEER is not a party to the lawsuit.

#### 5.18 Nondiscrimination and Affirmative Action

In connection with its performance under this Agreement, ENGINEER shall not discriminate against any employee or applicant for employment because of race, color, creed, religion, age, sex, marital status, sexual orientation or affectional preference, national origin, ancestry, citizenship, physical or mental handicap or because he or she is a disabled veteran or veteran of the Vietnam era. ENGINEER shall take affirmative action to ensure that qualified applicants are employed and that employees are treated during employment without regard to their race, color, creed, religion, age, sex, marital status, sexual orientation or affectional preference, national origin, ancestry, citizenship, physical or mental handicap or because he or she is a disabled veteran or veteran of the Vietnam era. Such actions shall include recruiting and hiring, selection for training, promotion, fixing rates or other compensation, benefits, transfers and layoff or termination.

#### 5.19 Force Majeure

Any delays in or failure of performance by ENGINEER shall not constitute a default under this Agreement if such delays or failures of performance are caused by occurrences beyond the reasonable control of ENGINEER including but not limited to: acts of God or the public enemy; expropriation or confiscation; compliance with any order of any governmental authority; changes in law; act of war, rebellion, terrorism or sabotage or damage resulting therefrom; fires, floods, explosions, accidents, riots; strikes or other concerted acts of workmen, whether direct or indirect; delays in permitting; OWNER's failure to provide data in OWNER's possession or provide necessary comments in connection with any required reports prepared by ENGINEER, or any other causes which are beyond the reasonable control of ENGINEER. ENGINEER's scheduled completion date shall be adjusted to account for any force majeure delay and ENGINEER shall be reimbursed by OWNER for all costs incurred in connection with or arising from a force majeure event, including but not limited to those costs incurred in the exercise of reasonable diligence to avoid or mitigate a force majeure event.

#### 5.20 Waiver

Non-enforcement of any provision by either party shall not constitute a waiver of that provision, nor shall it affect the enforceability of that provision or of the remainder of this Agreement.

#### 5.21 Headings

The headings used in this Agreement are for general reference only and do not have special significance.

#### 5.22 Subcontractors

ENGINEER may utilize such ENGINEER's Subcontractors as ENGINEER deems necessary to assist in the performance of its Services.

#### 5.23 Coordination with Other Documents

It is the intention of the parties that if the ENGINEER's Services include design then the Standard General Conditions will be used as the General Conditions for the Project and that all amendments thereof and supplements thereto will be generally consistent therewith. Except as otherwise defined herein, the terms which have an initial capital letter in this Agreement and are defined in the Standard General Conditions will be used in this Agreement as defined in the Standard General Conditions. The term "defective" will be used in this Agreement as defined in the Standard General Conditions.

#### 5.24 Purchase Order

Notwithstanding anything to the contrary contained in any purchase order or in this Agreement, any purchase order issued by OWNER to ENGINEER shall be only for accounting purposes for OWNER and the pre-printed terms and conditions contained on any such purchase order are not incorporated herein, shall not apply to this Agreement, and shall be void for the purposes of the Services performed by ENGINEER under this Agreement.

#### 5.25 Dispute Resolution

In the event of any dispute between the parties arising out of or in connection with the contract or the services or work contemplated herein; the parties agree to first make a good faith effort to resolve the dispute informally. Negotiations shall take place between the designated principals of each party. If the parties are unable to resolve the dispute through negotiation within 45 days, then either party may give written notice within 10 days thereafter that it elects to proceed with non-binding mediation pursuant to the commercial mediation rules of the American Arbitration Association. In the event that mediation is not invoked by the parties or that the mediation is unsuccessful in resolving the dispute, then either party may submit the controversy to a court of competent jurisdiction. The foregoing is a condition precedent to the filing of any action other than an action for injunctive relief or if a Statute of Limitations may expire.

Each party shall be responsible for its own costs and expenses including attorneys' fees and court costs incurred in the course of any dispute, mediation, or legal proceeding. The fees of the mediator and any filing fees shall be shared equally by the parties.

## 6. DEFINITIONS

Whenever used in this Agreement the following terms have the meanings indicated which are applicable to both the singular and the plural.

#### 6.1 Agreement

This Agreement between OWNER and ENGINEER for Professional Services including those exhibits listed in Article 7.

#### 6.2 Constituent of Concern

Any substance, product, waste, or other material of any nature whatsoever (including, but not limited to, Asbestos, Petroleum, Radioactive Material, and PCBs) which is or becomes listed, regulated, or addressed pursuant to: (1) the Comprehensive Environmental Response,

Compensation and Liability Act, 42 U.S.C. §§9601 et seq, (“CERCLA”); (2) the Hazardous Materials Transportation Act, 49 U.S.C. §§1801 et seq.; (3) the Resource Conservation and Recovery Act, 42 U.S.C. §§6901 et seq. (“RCRA”); (4) the Toxic Substances Control Act, 15 U.S.C. §§2601 et seq.; (5) the Clean Water Act, 33 U.S.C. §§1251 et seq.; (6) the Clean Air Act, 42 U.S.C. §§7401 et seq.; and (7) any other federal, state, or local statute, law, rule, regulation, ordinance, resolution, code, order, or decree regulating, relating to, or imposing liability or standards of conduct concerning, any hazardous, toxic, or dangerous waste, substance, or material.

### 6.3 Construction Cost – •

The total cost to OWNER of those portions of the entire Project designed or specified by ENGINEER. Construction Cost does not include ENGINEER's compensation and expenses, the cost of land, rights-of-way, or compensation for or damages to properties, or OWNER's legal, accounting, insurance counseling or auditing services, or interest and financing charges incurred in connection with the Project or the cost of other services to be provided by others to OWNER pursuant to Article 3. Construction Cost is one of the items comprising Total Project Costs.

### 6.4 Constructor

Any person or entity (not including the Engineer, its employees, agents, representatives, and Consultants), performing or supporting construction activities relating to the Project, including but not limited to Contractors, Subcontractors, Suppliers, Owner’s work forces, utility companies, other contractors, construction managers, testing firms, shippers, and truckers, and the employees, agents, and representatives of any or all of them.

### 6.5 Contractor\*\*

The person or entity with whom OWNER enters into a written agreement covering construction work to be performed or furnished with respect to the Project.

### 6.6 Documents

As applicable to the Services, the data, reports, drawings, specifications, record drawings and other deliverables, whether in printed or electronic media format, provided or furnished by ENGINEER to OWNER pursuant to the terms of this Agreement.

### 6.7 ENGINEER’s Subcontractor.

A person or entity having a contract with ENGINEER to perform or furnish Services as ENGINEER's independent professional subcontractor engaged directly on the Project.

### 6.8 Reimbursable Expenses.

The expenses incurred directly in connection with the performance or furnishing of Services for the Project for which OWNER shall pay ENGINEER as indicated in Exhibit .

### 6.9 Resident Project Representative\*\*

The authorized representative of ENGINEER who will be assigned to assist ENGINEER at the site during the Construction Phase. The Resident Project Representative will be ENGINEER's agent or employee and under ENGINEER's supervision. As used herein, the term Resident Project

Representative includes any assistants of Resident Project Representative agreed to by OWNER. The duties and responsibilities of the Resident Project Representative are set forth in Exhibit B, "Duties, Responsibilities and Limitations of Authority of Resident Project Representative" ("Exhibit B").

6.10 Standard General Conditions\*\*

The Standard General Conditions of the Construction Contract of the Engineers Joint Contract Documents Committee.

6.11 Total Project Costs\*\*

The sum of the Construction Cost, allowances for contingencies, the total costs of design professional and related services provided by ENGINEER and (on the basis of information furnished by OWNER) allowances for such other items as charges of all other professionals and consultants, for the cost of land and rights-of-way, for compensation for or damages to properties, for interest and financing charges and for other services to be provided by others to OWNER under Article 3.

6.12 Work\*\*

The entire construction or the various separately identifiable parts thereof required to be provided under the Construction Contract Documents. Work includes and is the result of performing or providing all labor, services, and documentation necessary to produce such construction, and; furnishing, installing, and incorporating all materials and equipment into such construction; and may include related services such as testing, start-up, and commissioning, all as required by the Construction Contract Documents.

*\*\* This provision is applicable for projects where ENGINEER provides Design, Bidding and/or Construction Phase Services.*

## 7. EXHIBITS AND SPECIAL PROVISIONS

7.1 This Agreement is subject to the provisions of the following Exhibits which are attached to and made a part of the Agreement:

Exhibit A - Engineer's Services, Owner's Responsibilities, Schedule, and Fee.

Exhibit B - Hourly Rate Table

Exhibit C - Not used.

Signature page follows.

This Agreement and the Exhibits identified above constitute the entire agreement between OWNER and ENGINEER and supersede all prior written or oral understandings. This Agreement may only be amended, supplemented, modified, or canceled by a duly executed written instrument.

IN WITNESS WHEREOF, the parties hereto have executed this Agreement to be effective as of the date first above written.

**OWNER:****ENGINEER:**

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Name:

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Name: Amrou Atassi

Title:

Title: Senior Vice President

Date:

Date:

Address for giving notices:  
1800 South Street  
Geneva, IL 60134

Address for giving notices:  
125 South Wacker Drive, Suite 2510  
Chicago, IL 60606

**City of Geneva**  
**WWTP Improvements**  
**Exhibit B**

**CDM Smith Average Hourly Rates from Present- April 1, 2026**

<b>Employee Classification</b>	<b>Average Hourly Rate</b>
Engineer 1 (Junior Engineer)	\$110
Engineer 2 (Junior Engineer)	\$125
Engineer 3 (Junior Engineer)	\$140
Engineer 4 (Engineer)	\$160
Engineer 5 (Engineer)	\$180
Engineer 6 Senior Engineer	\$200
Engineer 7 Senior Engineer	\$230
Engineer 8 Senior Engineer	\$250
Engineer 9 (Technical Specialist)	\$290
Engineer 10 (Technical Specialist)	\$340
Project Manager/Construction Manager	\$240
Senior Project Manager	\$270
Project Director	\$300
Junior Resident Engineer/Inspector	\$115
Mid-Level Resident Engineer/Inspector	\$145
Senior Resident Engineer	\$180
Designer/Drafter I	\$100
Designer/Drafter II	\$115
Designer/Drafter III	\$135
Designer/Drafter IV	\$155
Senior Designer	\$195
Junior Cost Estimator	\$110
Cost Estimator	\$155
Senior Estimator	\$200
O&M Specialist	\$150
Senior O&M Specialist	\$200
Admin I	\$100
Admin II	\$120
Admin III	\$140