THE VILLAGE OF TINLEY PARK
Cook County, Illinois
Will County, Illinois

RESOLUTION
NO. 2019-R-057

A RESOLUTION APPROVING A CONTRACT BETWEEN THE VILLAGE OF TINLEY PARK AND BAXTER & WOODMAN ENGINEERING TO PERFORM A WATER SYSTEM ANALYSIS AND MODEL PREPARATION

JACOB C. VANDENBERG, PRESIDENT
KRISTIN A. THIRION, VILLAGE CLERK

CYNTHIA A. BERG
WILLIAM P. BRADY
WILLIAM A. BRENNAN
DIANE M. GALANTE
MICHAEL W. GLOTZ
MICHAEL G. MUELLER
Board of Trustees

Published in pamphlet form by authority of the President and Board of Trustees of the Village of Tinley Park
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A RESOLUTION APPROVING A CONTRACT BETWEEN THE VILLAGE OF TINLEY PARK AND BAXTER & WOODMAN ENGINEERING TO PERFORM A WATER SYSTEM ANALYSIS AND MODEL PREPARATION

WHEREAS, the Village of Tinley Park, Cook and Will Counties, Illinois, is a Home Rule Unit pursuant to the Illinois Constitution of 1970; and

WHEREAS, the Corporate Authorities of the Village of Tinley Park, Cook and Will Counties, Illinois, have considered entering into an Agreement with Baxter & Woodman Engineering, a true and correct copy of such Agreement being attached hereto and made a part hereof as EXHIBIT 1; and

WHEREAS, the Corporate Authorities of the Village of Tinley Park, Cook and Will Counties, Illinois, have determined that it is in the best interests of said Village of Tinley Park that said Agreement be entered into by the Village of Tinley Park;

NOW, THEREFORE, Be It Resolved by the President and Board of Trustees of the Village of Tinley Park, Cook and Will Counties, Illinois, as follows:

Section 1: The Preambles hereto are hereby made a part of, and operative provisions of, this Resolution as fully as if completely repeated at length herein.

Section 2: That this President and Board of Trustees of the Village of Tinley Park hereby find that it is in the best interests of the Village of Tinley Park and its residents that the aforesaid "Agreement" be entered into and executed by said Village of Tinley Park, with said Agreement to be substantially in the form attached hereto and made a part hereof as EXHIBIT 1, subject to review and revision as to form by the Village Attorney.

Section 3: That the President and Clerk of the Village of Tinley Park, Cook and Will Counties, Illinois are hereby authorized to execute for and on behalf of said Village of Tinley Park the aforesaid Agreement.
Section 4: That this Resolution shall take effect from and after its adoption and approval.

ADOPTED this 18th day of June, 2019, by the Corporate Authorities of the Village of Tinley Park on a roll call vote as follows:

AYES: Berg, Brady, Brennan, Galante, Glotz, Mueller

NAYS: None

ABSENT: None

APPROVED this 18th day of June, 2019, by the President of the Village of Tinley Park.

Village President

ATTEST:

Village Clerk
EXHIBIT 1
This Agreement is made and entered into this 18 day of June 2019 ("Effective Date"), between the Village of Tinley Park, Illinois ("Village"), located at 16250 South Oak Park Avenue, Tinley Park, IL 60477, and Baxter & Woodman, Inc. ("Consultant"), collectively the "Parties" for the following project:

GIS Update and Water Distribution Model

Phase I of this project includes updating the Village's GIS water system data to incorporate GPS located valves and hydrants, resolve alignment discrepancies, and prepare the data for the water modeling software. Phase II of this project includes the creating and calibrating a WaterGEMS model. The model will be used to evaluate system strengths and weaknesses and make recommendations for capital and operational improvements.

I. Services

A. Consultant agrees to provide, as an independent contractor to the Village, the professional services included in Exhibit A, attached hereto and made a part hereof, as well as such other or incidental services as may be necessary to carry out said professional services, as well as any other professional services requested by the Village as mutually agreed to by the parties (hereinafter the "Services"). The standard of care for all professional engineering and related services performed or furnished by Consultant under this Agreement will be the care and skill ordinarily used by members of the subject profession practicing under similar circumstances at the same time and in the same locality in compliance with applicable laws, ordinances and regulations. The express terms of this Agreement shall take precedence and control over any term or provision of any Exhibit that in any way conflicts with, differs from, or attempts to alter the terms of this Agreement.

B. The Services shall be provided by employees of Consultant, who are experienced, certified, and/or qualified and licensed, to the extent necessary to perform said Services in the State of Illinois.

C. It is understood and agreed by the parties that the Consultant is an independent contractor retained for the above-mentioned purpose. The Village shall not control the manner nor the means of the Consultant's performance, but shall be entitled to a work product as described herein. The term "subconsultant" shall mean and include only those hired by and having a direct contract with Consultant for performance of work on the Project. The Village shall have no responsibility to any subconsultant employed by a Consultant for performance of work on the Project, and all subconsultants and material suppliers shall look exclusively to the Consultant for any payments due. The Village will not be responsible for reporting or paying employment taxes or other similar levies that may be required by the United States Internal Revenue Service or other State or Federal agencies. Every subconsultant shall be bound by the terms and provisions of this Contract as far as applicable to their work. The Consultant shall be fully responsible to the Village for the acts and omissions of its subconsultants, and shall ensure that any subconsultants perform in accordance with the requirements of this Agreement. Nothing contained herein shall create any contractual or employment relations between any subconsultant and the Village. The Consultant is solely responsible for the safety procedures, programs and methods of its employees and agents and shall...
hold the Village harmless for any and all damages resulting from violations thereof. The Consultant shall comply with all applicable federal, State and local safety laws and regulations.

II. COMPENSATION

Consultant will be compensated based upon the fee schedule attached hereto as Exhibit B.

III. INDEMNIFICATION AND HOLD HARMLESS.

Consultant will indemnify and hold harmless, protect and defend, at its own cost and expense, the Village, its officers, officials, Village President and Board of Trustees, agents, employees, volunteers, representatives, assigns, successors, transferees, licensees, invitees, attorneys, or other persons or property standing in the interest of the Village, from any and all risks, lawsuits, actions, damages, losses, expenses (including attorneys' fees), claims, or liabilities of any character, brought because of any death, injuries or damages received or sustained by any person, persons, or property on account of any negligent act or omission by the Consultant, its officers, agents and/or employees, including any of its subconsultants, arising out of or in performance of any provision of this Agreement, including any claims or amounts arising or recovered under the Workers’ Compensation Act or any other law, ordinance, order or decree.

IV. INSURANCE

During the term of this Agreement, Consultant shall provide and maintain the types of insurance set forth in Exhibit C, written on the comprehensive form and as "occurrence" policies, primary to any insurance of the Village, in not less than the specified amounts.

Consultant shall furnish to the Village, prior to commencing any activities under this Agreement, and annually thereafter, satisfactory proof of the above insurance requirements by a reliable insurance company or companies authorized to do business in Illinois. Such proof shall consist of certificates executed by the respective insurance companies and attached to this Agreement as Exhibit D. Said certificates shall list the Village and its officers, officials, Village President and Board of Trustees, agents, employees, volunteers, representatives, assigns, successors, and attorneys, as additional insureds on all required insurance policies.

V. WARRANTY

Consultant represents and warrants to the Village that it has the experience and ability to perform the services required by this Agreement, that it will perform said services in a professional, competent and timely manner, as represented and suitable for the performance of the Agreement, and that that it has the power to enter into and perform this Agreement.

VI. NOTICE

Except to the extent that verbal notice is otherwise permitted herein, proper notice may be given by personal service or certified or registered mail to:

John V. Ambrose, President/CEO
Baxter & Woodman, Inc.
8678 Ridgefield Road
Crystal Lake, IL 60014
OR TO:

Village of Tinley Park
Village Manager
16250 South Oak Park Avenue
Tinley Park IL 60477

Notice shall be effective upon the date of receipt by personal service or as evidenced by a valid return receipt. The name and/or address to which notice is required may be amended at any time by written notice to the other party as provided herein.

VII. INTERPRETATION

This Agreement provides for services to be performed within the State of Illinois. Accordingly, this Agreement, and all questions of interpretation, construction and enforcement hereof, and all controversies hereunder, shall be governed by the applicable statutory and common law of the State of Illinois. The parties agree that for the purpose of any litigation relative to this Agreement and its enforcement, venue shall be in the Circuit Court of Cook County, Illinois and the parties consent to the in personam jurisdiction of said Court for any such action or proceeding.

VIII. WAIVER.

The waiver of one party of any breach of this Agreement or the failure of one party to enforce any provisions hereof, shall be limited to the particular instance and shall not operate to bar or be deemed a waiver of enforcing against other or future breaches.

IX. SEVERABILITY

If any provision of this Agreement is found to be invalid, illegal or unenforceable, that provision shall be severable from the rest of this Agreement and the validity, legality and enforceability of the remaining provisions will in no way be affected or impaired.

X. ENTIRE UNDERSTANDING

This Agreement sets forth all of the entire understanding of the parties relative to the subject hereof and supersedes any and all prior agreements, express or implied, oral or written. No amendment or modification of this Agreement shall be effective unless reduced to writing and executed by the parties.

XI. TERMINATION

This Agreement may be terminated, in whole or in part, by either party if the other party fails to fulfill its obligations under this Agreement through no fault of the terminating party. The Village may terminate this Agreement, in whole or in part, for its convenience. However, no such termination will be effective unless the terminating party gives the other party (1) not less than ten (10) business day’s written notice by certified mail of intent to terminate, and (2) an opportunity for a meeting with the terminating party to resolve the dispute before termination.
IN WITNESS WHEREOF, the Village of Tinley Park and Baxter & Woodman, Inc. have executed this agreement.

VILLAGE OF TINLEY PARK

By: ____________________________
   ____________________________
   Village President

DATE: 6-18-19

(Baxter & Woodman, Inc.)

By: Sean E. O'Dell, P.E.

ITS Vice President

DATE: March 12, 2019
CERTIFICATIONS BY CONSULTANT

Eligibility to Contract

The undersigned hereby certifies that the Consultant is not barred from bidding on or entering into this contract as a result of a violation of either the bid-rigging or bid-rotating provisions of Article 33E of the Criminal Code of 1961, as amended.

Baxter & Woodman, Inc.
Name of Consultant (please print)

Vice President
Title

Certificate of Compliance with Illinois Human Rights Act

The undersigned hereby certifies that the Consultant is in compliance with Title 7 of the 1964 Civil Rights Act as amended and the Illinois Human Rights Act as amended.

Baxter & Woodman, Inc.
Name of Consultant (please print)

Vice President
Title

Certificate of Compliance with Illinois Drug-Free Workplace Act

The undersigned, having 25 or more employees, does hereby certify pursuant to section 3 of the Illinois Drug Free Workplace Act (30 ILCS 580/3) that it shall provide a drug-free workplace for all employees engaged in the performance of the work under the contract by complying with the requirements of the Illinois Drug-Free Workplace Act and, further certifies, that it is not ineligible for award of this contract by reason of debarment for a violation of the Illinois Drug-Free Workplace Act.
Certificate Regarding Sexual Harassment Policy

The undersigned does hereby certify pursuant to section 2-105 of the Illinois Human Rights Act (775 ILCS 5/2-105) that it has a written sexual harassment policy that includes, at a minimum, the following information: (i) the illegality of sexual harassment; (ii) the definition of sexual harassment under State law; (iii) a description of sexual harassment, utilizing examples; (iv) an internal complaint process including penalties; (v) the legal recourse, investigative and complaint process available through the Department of Human Rights and Human Rights Commission; (vi) direction on how to contact the Department of Human Rights and Human Rights Commission; and (vii) protection against retaliation.
EXHIBIT A

Scope of Professional Services

Phase 1 – GIS Update

1. PROJECT MANAGEMENT – Plan, schedule and control activities to complete the Project. These activities include, but are not limited to, budgeting, scheduling, and monitoring the scope of services.

2. GIS WORKSHOP - A Project Workshop meeting with Owner’s staff and the Project team will be held for the Project. The purposes of the meeting are to establish clear lines of communication, introduce the Owner staff to the team members, and establish the Owner’s detailed needs, objectives, and goals for the Project. The meeting will also be utilized to obtain information, plans, atlases, and other data to be supplied by the Owner, and set schedules and guidelines for future design meetings.

3. CLIENT MEETINGS - Meet with Owner’s staff to discuss results of the study and review water main system exhibits.

4. EXISTING CONDITIONS/HISTORY REVIEW
   A. Existing water system GIS.
   B. Existing water distribution system maps and subdivision plans and as-builts, including any recent changes and improvements, with pipe ages and typical materials.
   C. Engineering reports previously completed on the water system.
   D. Water consumption records, including flow history from transfer stations and water billing data.
   E. List of known problem areas (low pressure, high pressure, poor water quality, low fire flow, etc.).
   F. Descriptions of existing storage facilities.
   G. Description of standard operating procedures for the water system.
   H. Current population estimates or densities by quarter section, census tract, or other small geographic area.
   I. Copies of any available topographic maps.
   J. Existing water consumption records from individual service accounts, if available in acceptable electronic format.

5. GIS UPDATE and DATA ADJUSTMENTS
   A. The existing pipe segmentation within the GIS will be reviewed and revised as necessary to conform to conventions used within the modeling software.
   1. Any missing hydrant leaders will be programmatically connected to the nearest water main. Water main segments will be split at hydrant laterals.
B. Data will be reviewed for connectivity and cohesiveness to simplify integration with WaterGEMS software. Booster stations and storage facilities must all be connected to the system.

C. The Village has previously contracted M.E. Simpson Co. to GPS locate existing valves and hydrants. This data will be imported and used to verify and/or correct pipe alignments. Coordinate with M.E. Simpson Co., Inc. to incorporate this data.

D. Unique Structure IDs will be created to develop an identification system. This will establish a link with the WaterGEMS model, allowing model results to be incorporated within the GIS.

E. Missing data necessary for model construction will be identified. Atlases of applicable areas will be provided for markup by Owner staff. Markup data will be incorporated in the GIS prior to WaterGEMS model construction.

F. At the completion of the modeling project, WaterGEMS network model data will be exported back into the existing GIS. This one-to-one relationship will allow any alterations that have been made to the water network within the modeling software to be maintained and incorporated into the existing geodatabase. This strategy will allow WaterGEMS model output to be incorporated within the GIS data for Owner use, and permits future updates to be migrated into and out of the geodatabase utilized by WaterGEMS.

G. Provide a digital copy of the revised ArcGIS dataset in a format as specified by Owner staff.

**Phase II – Water Distribution Model and Report**

1. **PROJECT MANAGEMENT** – Plan, schedule and control activities to complete the Project. These activities include, but are not limited to, budgeting, scheduling, and monitoring the scope of services.

2. **CLIENT MEETINGS** - Meet with Owner’s staff to discuss results of the study and review water main system exhibits.

3. **EXISTING CONDITIONS/HISTORY REVIEW**
   A. Existing water system GIS.
   B. Existing water distribution system maps and subdivision plans and as-builts, including any recent changes and improvements, with pipe ages and typical materials.
   C. Engineering reports previously completed on the water system.
   D. Water consumption records, including flow history from transfer stations and water billing data.
   E. List of known problem areas (low pressure, high pressure, poor water quality, low fire flow, etc.).
   F. Descriptions of existing storage facilities.
   G. Description of standard operating procedures for the water system.
H. Current population estimates or densities by quarter section, census tract, or other small geographic area.
I. Copies of any available topographic maps.
J. Existing water consumption records from individual service accounts, if available in acceptable electronic format.

MODEL PREPARATION - Develop a new WaterGEMS model using updated GIS. Work directly with Owner's staff to concur on design information, including control elevations, system pressures, and system constraints. Confirm with Owner's staff the resulting system in the modeling software accurately represents the actual distribution system.

5. WATER DEMAND EVALUATION - Review Village water pumping and billing records. Input water demands from each of the customers' accounts directly into the model so the model accurately reflects the varying levels of demand across the water system.

6. FIELD HYDRANT TESTING - Perform "distribution stress tests" by flowing fire hydrants in specific areas to determine the existing pipe roughness ("C" Coefficient) and assist in the model calibration. The fire hydrant flow tests involve measuring flows from selected fire hydrants throughout the water system. An estimated 15 fire hydrants tests will be conducted with the Owner's field assistance.

7. MODEL CALIBRATION
   A. Calibrate the updated model by using fire hydrant test and adjust the model until the field and model data match within certain limits. Typically, the accuracy will be 1 psi (+/-) during average static conditions and 5 psi (+/-) during high flow testing.
   B. In the event attempts to calibrate the model reveal unexpected and unknown field conditions, it may be necessary to make a field investigation into why the model will not calibrate, e.g., locate closed valves in the system, and conduct additional flow tests. This additional work will be performed on a "Cost-Plus" basis in addition to the original Engineering Fee.

8. DISTRIBUTION SYSTEM ANALYSIS SCENARIOS - The following is a list of recommended scenarios that will provide the information most critical to the current needs. Exhibits will be prepared to clarify the scenario analysis.
   A. **Pressure Characteristics throughout the System** - Pressures will be determined at each node in the model. Low pressures during peak demand may be caused by excessive head loss in the supply mains or high ground elevation. A determination of unacceptable variations in service pressure will be completed.
   B. **Areas of excessive head loss or high velocities** - Pipes with excessive head loss or high velocities may require replacement of pipes or paralleling with
larger diameter pipes. Excessive head loss under maximum day conditions may indicate that additional looping or water main upsizing is required.

C. **Areas with inadequate fire flows** - Utilizing the fire flow analysis portion of the program, fire hydrants will be simulated and the available fire flow capacity of each will be estimated. Test how the system reacts to simulations of fire flows at all fire hydrants in the system at today's maximum day demand and future demand conditions. The results produced by the model will provide the Village with the predicted fire flows and the location and pressure of the lowest pressure nodes in the model for each hydrant. These results will be compared against ISO requirements. Particular attention will be paid to areas of critical need, such as schools, commercial and business zones, and dense residential areas.

D. **Existing Critical Facilities** - The water model will be used to evaluate the operations of your existing pumping facilities and help determine an optimal flow balance for your system. Your model can also simulate the use of variable speed pumping or the loss of any of the high service pumps if taken out of service.

E. **Evaluate Water Storage Capacity** - Engineering and model data will be used to evaluate the total volume of storage currently available in the distribution system and compare this to current and ultimate maximum day and peak hourly water demands. Provide recommendations for future water system storage, if necessary. Recommendations will include a review of water storage tank style, such as ground storage versus elevated storage. Review the impact of storage on water turnover in the distribution system and the ability of the system to meet chlorine residuals.

F. **Extended Period Simulation** - Develop an "extended period" simulation (EPS) model which will be used to identify problem areas in the existing system during a variety of flow conditions. Enter hourly demands, pump curves, estimated starting water ages within the tanks and reservoirs, and tower control levels into the model to simulate actual system operation. The EPS model will be used to determine the adequacy of the elevated tank, water mains, pumps, valves, and connection points over a 24-72 hour time period.

9. **FUTURE SYSTEM ANALYSIS**

A. **Determine Future Water Demands** – Project population demands and determine future water use demands using Village recognized development trends.

B. **Evaluate Future Water Storage Needs** – Engineering and model data will be used to evaluate the total volume of storage currently available in the distribution system and compare this to current and ultimate maximum day demands.
and peak hourly water demands. Provide recommendations for future water system storage.

C. **Evaluate Pumping Capability** – The water model will be used in several scenarios to simulate the capability of the Village’s water system to meet current and future demand using existing pump station and receiving facilities. Recommendations will be provided to resolve any capacity issues identified.

D. **Evaluate Future Water Main** – The water model will be used in several scenarios to evaluate water main improvements to meet future demands.

10. WATER MAIN BREAK ANALYSIS – Use the water model and the City’s historical main break data to prepare a water main break analysis and recommended priority ranking for water main replacement
   A. **Analyze Water Main Break Data** – The Village has compiled break data in GIS. Each main break will be located and identified with a pipe. The break data is entered into the water main rank spreadsheet and used to generate the water main replacement rank.
   B. **Generate Water Main Rank** – Develop a water main replacement rank for each pipe that has a history of main breaks based on water main break data, remaining pipe life, and water model data such as pipe velocities and friction losses.
   C. **Create Water Main Replacement Rank Map** – Import the results from the water main rank spreadsheet into the GIS so that a graphical representation of the water main rank is generated.
   D. **Coordinate Street Ratings with Main Replacement Rank Map** – Review the results of the water main break rank map against street ratings. Prioritize water main replacement recommendations with street ratings where feasible.

11. MODEL EXHIBITS - Prepare water system exhibits showing pressure contours and fire flows for average day and maximum day water demands. Confirm with Owner’s staff the exhibits accurately represent water system.

12. **RECOMMENDATIONS FOR DISTRIBUTION SYSTEM IMPROVEMENTS** – The results of the existing system analysis, evaluation of alternatives, opinions of probable costs estimates, recommendations, and prioritized list of selected alternatives will be prepared.

13. **DRAFT REPORT** – Submit five (5) copies of a draft report summarizing the results of the analysis, evaluation of alternatives, opinions of probable costs estimates, recommendations, and prioritized list of selected alternatives will be prepared and submitted to Owner staff for review. The analysis will include evaluation of the existing system and infrastructure needed to improve operations. The draft report
will include color-coded maps showing the results of the simulations, reports indicating fire flows and pressures at the junction nodes, and recommendations for future water mains, wells, pumping stations and storage tanks to serve developing areas. Opinions of probable capital construction costs estimates will be included for recommended improvements.

14. FINAL REPORT – The final report will be prepared and submitted to the Owner.
EXHIBIT B

Fee Schedule
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EXHIBIT C

Required Insurance

Engineer shall procure and maintain insurance as set forth below. Engineer shall cause Owner to be listed as an additional insured on any applicable general liability insurance policy carried by Engineer.

1. Workers’ Compensation: Statutory
2. Employer’s Liability – Each Accident: $1,000,000
3. General Liability –
   a. Each Occurrence (Bodily Injury and Property Damage): $1,000,000
   b. General Aggregate: $2,000,000
4. Excess or Umbrella Liability --
   a. Each Occurrence: $3,000,000
   b. General Aggregate: $3,000,000
5. Automobile Liability--Combined Single Limit
6. (Bodily Injury and Property Damage): Each Accident: $1,000,000
7. Professional Liability –
   a. Each Claim Made: $2,000,000
   b. Annual Aggregate: $2,000,000
EXHIBIT D

Insurance Certificates (CONTRACTS ORDERS)
CERTIFICATE OF LIABILITY INSURANCE

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

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

CONTACT
NAME: Risk Strategies Company
PHONE: (847) 412-1414
E-MAIL: uneeoaADDRESS:

INSURER(S) AFFORDING COVERAGE
INSGER.1: Valley Forge Ins Co
NAIC #: 20508

INSURED
BAXTER & WOODMAN, INC
8678 RIDGEFIELD ROAD
CRYSTAL LAKE IL 60012

CERTIFICATEHOLDER

COVERAGESThis is to certify that the policies of insurance listed below have been issued to the insured named above for the policy period indicated. Notwithstanding any requirement, term or condition of any contract or other document with respect to which this certificate may be issued or may pertain, the insurance afforded by the policies described herein is subject to all the terms, exclusions and conditions of such policies. Limits shown may have been reduced by paid claims.

INSLR NUMBER: CL18122196438

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DESCRIPTION OF OPERATIONS / LOCATIONS / VEHICLES (ACORD 101, Additional Remarks Schedule, may be attached if more space is required)

Re: GIS Update and Water Distribution Model. Village of Tinley Park, its officers, officials, Village President and Board of Trustees, agents, employees, volunteers, representatives, and attorneys are included as additional insureds per blanket endorsement as respect GL, subject to written contract requiring same.

CERTIFICATE HOLDER
Village of Tinley Park
16250 South Oak Park Avenue
Tinley Park, IL 60477

CANCELLATION
SHOULD ANY OF THE ABOVE DESCRIBED POLICIES BE CANCELLED BEFORE THE EXPIRATION DATE THEREOF, NOTICE WILL BE DELIVERED IN ACCORDANCE WITH THE POLICY PROVISIONS.

AUTHORIZED REPRESENTATIVE
Michael Christian/CID
CERTIFICATE

I, KRISTIN A. THIRION, Village Clerk of the Village of Tinley Park, Counties of Cook and Will and State of Illinois, DO HEREBY CERTIFY that the foregoing is a true and correct copy of Resolution No. 2019-R-057, "A RESOLUTION APPROVING A CONTRACT BETWEEN THE VILLAGE OF TINLEY PARK AND BAXTER & WOODMAN ENGINEERING TO PERFORM A WATER SYSTEM ANALYSIS AND MODEL PREPARATION," which was adopted by the President and Board of Trustees of the Village of Tinley Park on June 18, 2019.

IN WITNESS WHEREOF, I have hereunto set my hand and affixed the corporate seal of the Village of Tinley Park this 18th day of June, 2019.

KRISTIN A. THIRION, VILLAGE CLERK