
THE VILLAGE OF TINLEY PARK

Cook County, Illinois

Will County, Illinois

RESOLUTION

NO. 2023-R-048

**A RESOLUTION APPROVING AN AGREEMENT BETWEEN THE VILLAGE OF TINLEY
PARK AND CHRISTOPHER B. BURKE ENGINEERING, LTD. APPROVING A
PROFESSIONAL ENGINEERING SERVICES CONTRACT RELATED TO HYDRAULIC
MODELING AND ANALYSIS OF THE PROPERTY LOCATED AT THE SOUTHWEST
CORNER OF 191ST STREET AND HARLEM AVENUE**

**MICHAEL W. GLOTZ, PRESIDENT
NANCY M. O'CONNOR, VILLAGE CLERK**

**WILLIAM P. BRADY
WILLIAM A. BRENNAN
DENNIS P. MAHONEY
MICHAEL G. MUELLER
KENNETH E. SHAW
COLLEEN M. SULLIVAN
Board of Trustees**

RESOLUTION NO. 2023-R-028

A RESOLUTION APPROVING AN AGREEMENT BETWEEN THE VILLAGE OF TINLEY PARK AND CHRISTOPHER B. BURKE ENGINEERING, LTD. APPROVING A PROFESSIONAL ENGINEERING SERVICES CONTRACT RELATED TO HYDRAULIC MODELING AND ANALYSIS OF THE PROPERTY LOCATED AT THE SOUTHWEST CORNER OF 191ST STREET AND HARLEM AVENUE

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 Christopher B. Burke Engineering, Ltd., 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**.

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.

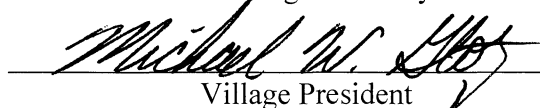
ADOPTED this 2nd day of May, 2023, by the Corporate Authorities of the Village of Tinley Park on a roll call vote as follows:

AYES: Brady, Brennan, Mahoney, Mueller, Shaw, Sullivan

NAYS: None

ABSENT: None

APPROVED this 2nd day of May, 2023, by the President of the Village of Tinley Park.

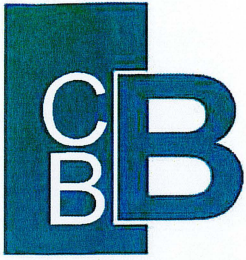

Village President

ATTEST:


Village Clerk

EXHIBIT 1

**A RESOLUTION APPROVING AN AGREEMENT BETWEEN THE VILLAGE OF TINLEY
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CORNER OF 191ST STREET AND HARLEM AVENUE**



CHRISTOPHER B. BURKE ENGINEERING, LTD.

16221 W. 159th Street Suite 201 Lockport, Illinois 60441 TEL (815) 770-2850

April 27, 2023

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

Attention: John Urbanski, CPWP-M
Public Works Director

Subject: Professional Engineering Services Proposal
Hydraulic Modeling of 191st & Harlem Property
Time & Materials Agreement
Tinley Park, Illinois

Dear Mr. Urbanski:

Christopher B. Burke Engineering, Ltd. (CBBEL) is pleased to submit this proposal for professional engineering services related to hydraulic modeling and analysis of the property located at the southwest corner of 191st Street and Harlem Avenue. Included in this proposal are our Understanding of the Assignment, Assumed Scope of Services and Estimated Work Effort.

UNDERSTANDING OF THE ASSIGNMENT

We understand that the Village of Tinley Park (Village) owns the property generally located in the southwest quadrant of 191st and Harlem Avenue. Flossmoor Drainage Ditch is a Zone A floodplain which flows through the property from south to north. We understand that the Village would like CBBEL to complete hydraulic modeling of Flossmoor Ditch to determine the current floodplain limits and Base Flood Elevation (BFE). This will be used to understand the limitations of potential development and the challenges to accommodate specific development plans. We also understand that the Village would like CBBEL to analyze options to minimize the floodplain area on the site with cut and fill operations in a way that would maximize the remaining buildable area. As part of these analyses, CBBEL may be given specific site plan scenarios and directed to analyze whether or not the floodplain requirements can be met.

ASSUMED SCOPE OF SERVICES

CBBEL's assumed scope of work generally includes the following items:

- Obtain, review, and update as needed any existing regulatory hydraulic models that may exit for Flossmoor Ditch.
- Determine whether regulatory flow rates exist, or whether new flow rates must be developed based on newer Bulletin 75 rainfall data.
- Complete a hydraulic model for Flossmoor Ditch through the subject property and establish the 100-year BFE.

- Floodplain fill and compensatory storage calculations for a generic proposed scenario that maximizes the site's buildable area.
- Hydraulic modeling of the generic proposed scenario to verify that floodplain requirements are met.
- Review development-specific site plans as directed and provided by the Village to determine whether the floodplain requirements can be accommodated.
- Complete stormwater detention calculations as needed to support development scenarios.
- Prepare exhibits and summary memoranda as needed.

The following items will not be completed under this scope of work:

- Topographic surveying of the site including Flossmoor Drainage Ditch; it is assumed that we will either use Will County aerial topography or site-specific topography that was completed for other developments proposed in the past.
- Permitting of any proposed development scenario.

It shall be understood that as the project unfolds, CBBEL's role and Scope of Services will be further refined. It is anticipated that a subsequent proposal will be provided to the Village once this information is available.

ESTIMATED WORK EFFORT

As directed by the Village, CBBEL will perform this work and bill the Village on a time and materials (T&M) basis. ***This work shall have a not-to-exceed fee of \$45,000.***

We will bill you at the hourly rates specified in the attached Schedule of Charges and establish our contract in accordance with the Agreement for Professional Services between the Village of Tinley Park and CBBEL that is already on file. We will not exceed the fee without written permission of the client.

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

Sincerely,

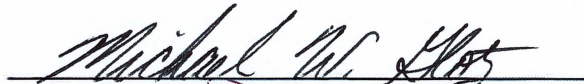


Thomas T. Burke, Jr., PhD, PE
Executive Vice President
Head, Water Resources Department

Encl. Tinley Park Schedule of Charges

THIS PROPOSAL AND SCHEDULE OF CHARGES ACCEPTED FOR THE VILLAGE OF TINLEY PARK:

BY:



TITLE:

Village President

DATE:

May 2, 2023

Village of Tinley Park
Effective 7/1/2022 through 4/30/2023

CHRISTOPHER B. BURKE ENGINEERING, LTD.
STANDARD CHARGES FOR PROFESSIONAL SERVICES
REVISED, SEPTEMBER 2018

<u>Personnel</u>	<u>Charges*</u> <u>(\$/Hr)</u>
Principal	265
Engineer VI	239
Engineer V	197
Engineer IV	160
Engineer III	144
Engineer I/II	113
Survey V	219
Survey IV	185
Survey III	162
Survey II	118
Survey I	93
Engineering Technician V	187
Engineering Technician IV	152
Engineering Technician III	137
Engineering Technician I/II	80
CAD Manager	166
Assistant CAD Manager	144
CAD II	144
CAD I	111
GIS Specialist III	139
GIS Specialist I/II	80
Landscape Architect	160
Environmental Resource Specialist V	206
Environmental Resource Specialist IV	160
Environmental Resource Specialist III	132
Environmental Resource Specialist I/II	108
Environmental Resource Technician	108
Administrative	101
Engineering Intern	61
Information Technician III	122
Information Technician I/II	110

Direct Costs

Outside Copies, Blueprints, Messenger, Delivery Services, Mileage Cost + 12%

*Charges include overhead and profit

STATE OF ILLINOIS)
COUNTY OF COOK) SS
COUNTY OF WILL)

CERTIFICATE

I, NANCY M. O’CONNOR, 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. 2023-R-048, “**A RESOLUTION APPROVING AN AGREEMENT BETWEEN THE VILLAGE OF TINLEY PARK AND CHRISTOPHER B. BURKE ENGINEERING, LTD. APPROVING A PROFESSIONAL ENGINEERING SERVICES CONTRACT RELATED TO HYDRAULIC MODELING AND ANALYSIS OF THE PROPERTY LOCATED AT THE SOUTHWEST CORNER OF 191ST STREET AND HARLEM AVENUE,**” which was adopted by the President and Board of Trustees of the Village of Tinley Park on March 21st, 2023.

IN WITNESS WHEREOF, I have hereunto set my hand and affixed the corporate seal of the Village of Tinley Park this 2nd day of May, 2023.



VILLAGE CLERK