



**CHRISTOPHER B. BURKE** ENGINEERING, LTD.  
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April 16, 2013

Village of Orland Park  
Public Works Department  
15655 Ravinia Avenue  
Orland Park, IL 60462

Attention: Mr. John Ingram – Infrastructure Maintenance Director

Subject: Proposal for Professional Engineering Services for the Evaluation of Stormwater Management Infrastructure Maintenance Responsibilities for Portions of Unincorporated Palos and Orland Townships

Dear Mr. Ingram:

Christopher B. Burke Engineering, Ltd. (CBBEL) is pleased to submit this proposal to provide professional engineering services for the evaluation of the maintenance responsibilities for the stormwater management infrastructure for portions of unincorporated areas of Palos and Orland Townships. This proposal includes our Understanding of the Assignment, Scope of Services and Estimated Fee.

#### UNDERSTANDING OF ASSIGNMENT

Portions of Palos and Orland Townships are located at the northwest corner of LaGrange Road and 131<sup>st</sup> Street, the southwest corner of 104<sup>th</sup> Avenue and 131<sup>st</sup> Street, and south of 135<sup>th</sup> Street between Wolf and Will-Cook Roads. The majority of the townships developed in unincorporated Cook County and as a result they do not meet the development standards for the Village but are served by the Village's water and sewer utilities. The existing land use consists primarily of single family homes, with a small amount of other uses such as commercial, multi-family, schools, open lands and others. For a small portion of this development area located northwest corner of LaGrange Road and 131<sup>st</sup> Street and commonly known as Mill Creek, the Village co-signed the Metropolitan Water Reclamation District of Greater Chicago (MWRDGC) sewerage permit at the time of development, which requires them to maintain the storm sewer system. As a result, the Village would like CBBEL to evaluate the MWRD permits for the remaining portions of Palos and Orland Townships that developed under similar circumstances to determine if the Village would also likely be required to provide maintenance for the stormwater management systems in these areas.

Based on discussions with the Village, the areas of Palos and Orland Townships to be included in the review and evaluation consists of approximately 36 separate MWRD permits and includes all or part of the following subdivisions:

**Palos Township**

- 1) Mill Creek
- 2) Mill Creek Multi-Family
- 3) Sandburg Glen
- 4) Woodland Shores
- 5) Lake Lucile
- 6) Country Manor
- 7) Palos West
- 8) Suffield Woods
- 9) Brittany Glen
- 10) Palos Woods
- 11) Azure Lake
- 12) Peace Memorial

**Orland Township**

- 13) Pinewood North Subdivision
- 14) McKay's Subdivision

**SCOPE OF SERVICES**

Based on our experience with similar projects, our Scope of Services is detailed below:

Task 1 – MWRD Permit Review: CBBEL will perform a detailed review of the all of the MWRD permits for the subdivisions listed above and determine those parties responsible for maintenance of the stormwater management system. For those areas where it is determined that the Village is solely or partly responsible for maintenance, the detailed review will also provide CBBEL with quantity take off amounts that can be used to develop the estimated costs of future maintenance. If any areas are determined to be the responsibility of another governmental agency or local entity, CBBEL will provide appropriate contact information and documentation as needed.

Task 2 – Summary Report: Based on the data collected in Tasks 1, CBBEL will compile all the information from the permit review and quantity takeoffs into a concise Final Report summarizing the data. The final report will detail the areas where the Village is responsible for maintaining the stormwater management system and provide a summary of the quantities of storm sewer, detention basins, etc. to be maintained.

**FEE**

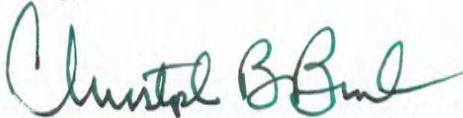
The estimated costs for the tasks provided above are as follows:

TASK	DESCRIPTION	COST
1	MWRD Permit Review	\$ 5,400
2	Summary Report	\$ 1,800
	<b>Total</b>	<b>\$ 7,200</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 accepted General Terms and Conditions for Orland Park.

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,



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

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

BY: \_\_\_\_\_

TITLE: \_\_\_\_\_

DATE: \_\_\_\_\_

**CHRISTOPHER B. BURKE ENGINEERING, LTD.**  
**STANDARD CHARGES FOR PROFESSIONAL SERVICES**  
**JANUARY, 2007**

<u>Personnel</u>	<u>Charges*</u> <u>(\$/Hr)</u>
Principal	219
Engineer VI	192
Engineer V	157
Engineer IV	126
Engineer III	117
Engineer I/II	95
Survey V	157
Survey IV	120
Survey III	115
Survey II	90
Survey I	70
Resource Planner V	107
Resource Planner IV	101
Resource Planner III	92
Resource Planner II	84
Engineering Technician IV	120
Engineering Technician III	99
Engineering Technician I/II	91
CAD Manager	126
Assistant CAD Manager	120
CAD II	117
CAD I	91
GIS Specialist III	112
GIS Specialist I/II	63
Environmental Resource Specialist V	140
Environmental Resource Specialist IV	126
Environmental Resource Specialist III	107
Environmental Resource Specialist I/II	87
Environmental Resource Technician	82
Administrative	82
Engineering Intern	48
Survey Intern	48
Information Technician III	88
Information Technician I/II	56

Direct Costs

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, 2007.