



CHRISTOPHER B. BURKE ENGINEERING, LTD.
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June 10, 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
163rd Street – Stormwater Improvements

Dear Mr. Ingram:

Christopher B. Burke Engineering, Ltd. (CBBEL) is pleased to submit this proposal to provide professional engineering services for the design of stormwater improvements for the 163rd Street Study Area. This proposal includes our Understanding of the Assignment, Scope of Services and Fee.

UNDERSTANDING OF ASSIGNMENT

The 163rd Street Stormwater Improvement Project is a continuation of the work performed as part of the Orland Park Flood Risk Reduction Assessment for the 163rd Street Study Area. The 163rd Street Study Area is located north of 163rd Street, just west of LaGrange Road within the Saratoga Place Subdivision. CBBEL previously evaluated the drainage system for the area and determined that blocked and/or poorly defined overland flow routes were the primary cause of the flooding being experienced throughout the area.

CBBEL will proceed with the design of dedicated overland flow routes based on the previous assessment. The overland flow routes will provide a dedicated path to safely convey stormwater runoff that exceeds the capacity of the storm sewer system away from the residential structures and toward the detention basin. In addition, CBBEL will prepare working plan sheets to allow for the construction of the proposed overland flow routes.

The working plan sheets will be of a preliminary engineering nature and will provide guidance to a Village-selected contractor to perform the work, but will not be Final Engineering documents typically prepared for construction.

SCOPE OF SERVICES

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

Task 1 – Supplemental Topographic Survey: CBBEL will collect survey data as needed to supplement the design plan sheets and existing topographic data previously provided. CBBEL will survey pertinent features of the existing stormwater management system, as well as information related to the low entry elevation of the adjacent residential structures.

Task 2 – Drainage Analysis: Based on the data collected in Task 1, CBBEL will analyze the existing drainage information to design the proposed overland flow routes. The overland flow routes will provide a safe, dedicated route to convey excess stormwater flows through the residential area and into the detention basin.

Task 3 – Preliminary Engineering: Once Tasks 1 and 2 are completed, CBBEL will prepare preliminary engineering drawings that will allow the Village to select a contractor and construct the proposed improvements. The preliminary engineering drawings will be working plan sheets to be verified in the field and not of a Final Engineering nature.

FEE

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

TASK	DESCRIPTION	COST
1	Supplemental Topographic Survey	\$ 2,500
2	Drainage Analysis	\$ 2,000
3	Preliminary Engineering	\$ 2,100
	Total	\$ 6,600

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 the Village.

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,

 for

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

Attachment: Standard Charges

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.