

Proposal

ID # 272

Contracts and Agreements Cover Page:

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Year: 2006

Type: PROPOSAL

Vendor Name: CHRISTOPHER B. BURKE

AKA: CBBEL

Start Date: 7/28/2006

End Date: ?

Renewal Date:

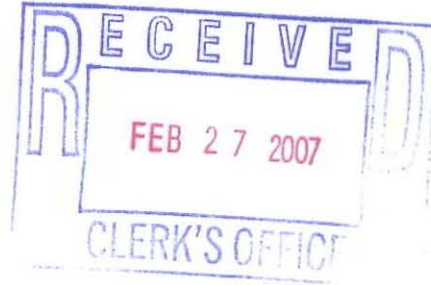
Dollar Amount: \$7,500

Department: PUBLIC WORKS

Department Contact: PETER J. CASEY

Scope of Contract: ENGINEERING SERVICES FOR STRUCTURAL INSPECTIONS AND SITE-SPECIFIC FLOOD PROTECTION ELEVATION DETERMINATION FOR FLOOD-PRONE HOMES IN ORLAND PARK.

Notes:





CHRISTOPHER B. BURKE ENGINEERING, LTD.
9575 West Higgins Road Suite 600 Rosemont, Illinois 60018 TEL (847) 823-0500 FAX(847) 823-0520

July 5, 2006

Village of Orland Park
15655 Ravinia Avenue
Orland Park, IL 60462

Attention: Peter Casey – Director of Public Works

Subject: Proposal for Professional Engineering Services
Structural Inspections and Site-Specific Flood Protection
Elevation Determination for Flood-Prone Homes
Orland Park, Illinois

Dear Mr. Casey:

As requested, Christopher B. Burke Engineering, Ltd. (CBBEL) has prepared this proposal to provide professional engineering services for a structural inspection and site-specific flood protection elevation determination for two flood-prone areas within the Village of Orland Park (Village), Illinois. The purpose of the services is to determine if the Included in this proposal are the Understanding of the Assignment, Scope of Services, and Estimated Fee.

UNDERSTANDING OF THE ASSIGNMENT

As a result of severe flooding that has occurred throughout the Village on multiple occasions over the last 20 years, four homes were purchased in the Village Square and Tuckaway subdivisions to prevent future flooding events. The homes are located at 15160 Royal Foxhunt Road, 15155 Windsor Drive, 14610 Westwood Drive, and 14620 Westwood Drive. The Village has since constructed storm sewer improvements to reduce the risk of future flooding in these areas. It is our understanding that the Village is now considering selling the properties and would like to evaluate the structural stability of the homes to determine if the flooding has compromised the safety of the homes. If the homes are found to be structurally unfit, the Village would like to know at what elevation the homes should be rebuilt to reduce the risk of flooding. If the homes are found to be structurally sound, the Village would like to know what modifications would need to be made to the homes to provide an increased level of protection up to the site-specific flood protection elevation.

SCOPE OF SERVICES

Based on our experience with projects of this nature, we propose the following Scope of Services that has been broken down into a series of tasks.

Task 1 – Structural Inspection: CBBEL staff will visually inspect the four homes to evaluate the structural stability of the foundation, frame, etc. to determine whether or not the homes are structurally sound. The structural inspection will be based on standard structural engineering practices and CBBEL staff knowledge of local codes. CBBEL staff will prepare a memorandum summarizing the results of the structural inspection for the four homes.

Task 2 – Site-Specific Flood Protection Elevation: CBBEL will determine a site-specific flood protection elevation for each of the lots. The flood protection elevation will require the homes to be constructed or flood-proofed to an elevation at least one foot above the 100-year critical duration storm event. The 100-year critical duration storm event will be based on the XP-SWMM hydrologic and hydraulic models that were created for each of the areas to design the storm sewer improvements. The site-specific flood protection elevation will also take into account the requirements of the Village Land Development Code (LDC). CBBEL will prepare a memorandum summarizing the methodology and results of the determination and an exhibit for each lot illustrating the site-specific flood protection elevation.

ESTIMATED FEE

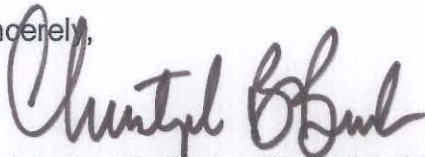
We have estimated the cost to provide these services as follows:

Task 1: Structural Inspection	\$4,000
Task 2: Site-Specific Flood Protection Elevation	\$3,500
TOTAL:	\$7,500

We will bill you at the hourly rates specified on the attached Schedule of Charges and establish our contract in accordance with the attached General Terms and Conditions. These General Terms and Conditions are expressly incorporated into and are an integral part of this contract for professional services. It should be emphasized that any requested meetings or additional services are not included in the preceding Fee Estimate and will be billed at the attached hourly rates.

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
President

Encl. Schedule of Charges
General Terms and Conditions

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

BY: Ellen J. Baer

TITLE: ASSISTANT VILLAGE MANAGER

DATE: 07/28/06