



CHRISTOPHER B. BURKE ENGINEERING, LTD.

9575 West Higgins Road Suite 600 Rosemont, Illinois 60018 TEL (847) 823-0500 FAX (847) 823-0520

January 17, 2017

Village of Orland Park
Development Services Department
14700 Ravinia Ave.
Orland Park, IL 60462

Attention: Ms. Karie Friling – Director of Development Services

Subject: Proposal for Professional Engineering Services
Village Hall – Green Roof Structural Analysis

Dear Ms. Friling:

Christopher B. Burke Engineering, Ltd. (CBBEL) is pleased to provide this proposal to perform a structural analysis to determine the feasibility of installing a green roof at the Village Hall Facility.

PROJECT UNDERSTANDING

It is our understanding that the Village is evaluating the potential for installing a low-profile extensive green roof system at the Village Hall complex. The green roof would potentially be located on the second floor roof terrace on the north side of the building. For the purpose of this analysis, CBBEL will assume that the green roof system will be approximately 6" in depth and will be generally limited to sedums, small grasses, herbs and flowering herbaceous plants. CBBEL will assume that no permanent irrigation system will be required. It is CBBEL's understanding that a portion of the second floor roof terrace will continue to be occupied by a seating area. Utilizing Village Hall construction documents that have been provided by the Village, CBBEL will determine the feasibility of installing this type of system.

SCOPE OF SERVICES

CBBEL will review the existing plans of the Village Hall structure provided by staff. CBBEL has included one site visit in this proposal to verify existing conditions and to check items that are unclear in the existing plans. CBBEL will analyze the structure and determine if the structure has the capacity to support the proposed green roof loads and if it will be in compliance with the current Village building code requirements. As part of the analysis, CBBEL will determine if any modifications to the structure are required to support the proposed loads. CBBEL will provide the Village with a technical memorandum summarizing its finding and recommendations.

Preparation of construction documents and/or plans will not be included in this scope of services. Should the Village decide to proceed with the green roof after reviewing CBBEL's recommendations, we would be pleased to provide a proposal to assist with the preparation of construction documents and plans.

ESTIMATE OF FEE

Our estimated fee to perform a structural analysis of the existing Village Hall facility to determine the feasibility of supporting the proposed green roof system and preparing a technical memorandum summarizing our findings and recommendations will be a sum not to exceed \$4,850.

We will bill you at the hourly rates specified on the previously agreed upon Schedule of Charges and establish our contract in accordance with the previously agreed upon General Terms and Conditions. Direct costs for blueprints, photocopying, mailing, overnight delivery, messenger services and report compilation are included in the fee estimate. These General Terms and Conditions are expressly incorporated into and are an integral part of this contract for professional services. Please note 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 proposal as an indication of acceptance and notice to proceed.

If you have any questions, please feel free to contact us at any time.

Sincerely,

Handwritten signature of Christopher B. Burke in black ink, followed by the word "for" in a smaller font.

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

THIS PROPOSAL ACCEPTED FOR THE VILLAGE OF ORLAND PARK:

BY: _____

TITLE: _____

DATE: _____