



**CHRISTOPHER B. BURKE ENGINEERING, LTD.**

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August 11, 2025

Village of Orland Park  
Department of Recreation and Parks  
14600 South Ravinia Avenue  
Orland Park, IL 60462

Attention: Mr. Ray Piattoni  
Director of Recreation and Parks

Subject: Proposal Supplement #2 for Design Engineering Services  
Doogan Park

Dear Mr. Piattoni:

Christopher B. Burke Engineering, Ltd. (CBBEL) is submitting this proposal supplement, as requested, to provide additional Design Engineering Services for the Doogan Park Project. Below is our Understanding of the Assignment, Scope of Services and Estimate of Fee.

**UNDERSTANDING OF THE ASSIGNMENT**

The Village of Orland Park (Village) is seeking to supplement ongoing design services for the Doogan Park Project in Orland Park, Illinois as related to site revisions reducing design scope for pickleball courts and lighting, a restroom shelter, and associated amenities that will not be a part of the Doogan Park design. The engineering consultant will make revisions to the plans and specifications, construction cost estimates, and obtain the necessary permits.

Based on the information discussed with the Village, we anticipate the following additional scope of future work:

- Revise the site design to remove eight proposed pickleball courts and provide a new court surface to the existing pickleball/basketball court to convert to dual pickleball courts.
- Revise the site design to exclude the proposed restroom shelter and site lighting.
- Revise the site design to include two new bocce courts, two shaded seating areas, and three benches (two of them shaded).
- Revise the site design to reduce the area of parking for the north lot.
- Revise the design to provide appropriate site detention and stormwater management per the Metropolitan Water Reclamation District of Greater Chicago (MWRDGC).
- Maintain and re-incorporate proposed site elements on the site design: Open air pavilion, new playground, half basketball court, 360'x210' soccer field, 60' baseline baseball field, south parking improvements, landscaping, and other amenities.
- Perform geotechnical boring(s) at site of proposed detention.

## **SCOPE OF SERVICES**

**Alternate Task 1A – \$5,640.00 – Stormwater Analysis (Site Only)** Based on the site plan provided by the Village, CBBEL will prepare an analysis of the onsite stormwater requirements to meet the requirements of the Land Development Code and the WMO. This task will also include a Stormwater Report submittal to the Village.

**Alternate Task 1B – \$2,670.00 – Stormwater Analysis (Watershed)** CBBEL will delineate the offsite tributary area to the development site, prepare exhibits and calculations to estimate the runoff entering the site and develop alternatives to route the stormwater runoff through the site.

**Alternate Task 1C – \$9,910.00 – MWRD Permitting (Including Geotechnical Investigation)** CBBEL will prepare a submittal to the MWRD to obtain a WMO permit. This task will include geotechnical exploration as needed to obtain the Seasonal High Ground Water Level or any other information requested by MWRD.

**Alternate Task 2 – \$8,660.00 – Detailed Design:** The Detailed Design phase will include the preparation of updated construction drawings and technical specifications to reflect the revised project scope. This includes removal of the eight proposed pickleball courts, restroom shelter, and site lighting; incorporation of two new bocce courts, shaded seating areas, benches, and a reduction in the north parking lot area. Site grading will be revised to accommodate the new layout and ensure proper drainage. Existing proposed elements such as the open air pavilion, new playground, half basketball court, 360 foot by 210 foot soccer field, 60 foot baseline baseball field, landscaping, and south parking improvements will be maintained in the revised plans. In response to MWRDGC review comment number 3 dated April 23, 2025, additional geotechnical boring(s) will be performed to clarify the seasonal high groundwater table for compliance with stormwater management requirements. Updated cost estimates and drawing sets will be prepared for permitting and construction.

**Alternate Task 3A – \$2,520.00 – Landscape Design - Prepare Site Plan:** Prepare an overall site plan that illustrates the accurate relationships of the proposed elements within the park.

**Alternate Task 3B – \$3,360.00 – Landscape Design - Prepare Landscape Plan For Review:** The landscape plan will be prepared by a State of Illinois registered landscape architect and drawn to scale. Property lines, project limits and easements will be illustrated. The size and location of all public and private utility improvements will be shown. A plant list indicating the plant symbols, botanical name, and the size of all plant material specified will be provided on the plan. Tables indicating how the proposed landscape meets the Village requirements will be prepared and placed on the plan.

**Alternate Task 3C – \$420.00 – Landscape Design - Prepare Cost Estimate:** CBBEL will prepare a detailed cost estimate of the landscape elements.

**Alternate Task 3D – \$1,680.00 – Landscape Design – Adjust Landscape Plan Upon Review Comments:** CBBEL will make any adjustments to the landscape plan and the associated cost estimate based upon Owners' changes to the plan and any Village comments regarding the landscape requirements.

**Alternate Task 4 – \$3,880.00 – QC/QA:** The QC/QA task will be conducted at the completion of the design phase to ensure the final plans and specifications are accurate, coordinated, and ready for permitting and bidding. A thorough internal review will be performed to confirm compliance with applicable codes, standards, and project requirements. Comments and corrections will be documented and addressed prior to final submittal to the Village.

### FEE ESTIMATE

Based on the above Scope of Services, our Estimate of Fee of \$39,240.00 is detailed further in the attached CBBEL Work Effort.

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,



Michael E. Kerr, PE  
President

Encl. Work Effort and Fee Structure

THIS PROPOSAL, WORK EFFORT AND FEE STRUCTURE ACCEPTED FOR THE VILLAGE OF ORLAND PARK:

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

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

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

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VILLAGE OF ORLAND PARK  
Doogan Park Design  
WORK EFFORT AND FEE STRUCTURE  
08/11/2025 Supplement #2

Base

| Classification                                                                    | Engineer   |            |            |            | Landscape Architect | Sub    | Total Hours            | Total Cost          |
|-----------------------------------------------------------------------------------|------------|------------|------------|------------|---------------------|--------|------------------------|---------------------|
|                                                                                   | V          | IV         | III        | I/II       |                     |        |                        |                     |
| Rate (\$/hr)                                                                      | \$235.00   | \$200.00   | \$175.00   | \$155.00   | \$210.00            | \$1.00 |                        |                     |
| <b>Phase II - Design Engineering</b>                                              |            |            |            |            |                     |        |                        |                     |
| Alternate Task 1A - Stormwater Analysis (Site Only)                               | 4          | 6          | 20         |            |                     |        | 30                     | \$ 5,640.00         |
| Alternate Task 1B - Stormwater Analysis (Watershed)                               | 2          | 4          | 8          |            |                     |        | 14                     | \$ 2,670.00         |
| Alternate Task 1C - MWRD Permitting (Including Geotechnical Investigation)        | 6          | 6          | 24         |            |                     | 3100   | 36                     | \$ 9,910.00         |
| Alternate Task 2 - Detailed Design                                                | 4          | 20         |            | 24         |                     |        | 48                     | \$ 8,660.00         |
| Alternate Task 3A - Landscape Design - Prepare Site Plan                          |            |            |            |            | 12                  |        | 12                     | \$ 2,520.00         |
| Alternate Task 3B - Landscape Design - Prepare Landscape Plan For Review          |            |            |            |            | 16                  |        | 16                     | \$ 3,360.00         |
| Alternate Task 3C - Landscape Design - Prepare Cost Estimate                      |            |            |            |            | 2                   |        | 2                      | \$ 420.00           |
| Alternate Task 3D - Landscape Design - Adjust Landscape Plan upon Review Comments |            |            |            |            | 8                   |        | 8                      | \$ 1,680.00         |
| Alternate Task 4 - QC/QA                                                          | 8          | 10         |            |            |                     |        | 18                     | \$ 3,880.00         |
|                                                                                   |            |            |            |            |                     |        | <b>Subtotal Cost =</b> | <b>\$ 38,740.00</b> |
| Subtotals                                                                         | 24         | 46         | 52         | 24         | 38                  |        | 184                    |                     |
| Percentage of Hours                                                               | 13.0%      | 25.0%      | 28.3%      | 13.0%      | 20.7%               |        | 100.0%                 |                     |
| Total Personnel Cost                                                              | \$5,640.00 | \$9,200.00 | \$9,100.00 | \$3,720.00 | \$7,980.00          | \$0.00 | <b>Running Cost =</b>  | <b>\$ 38,740.00</b> |
|                                                                                   |            |            |            |            |                     |        | <b>Direct Cost =</b>   | <b>\$ 500.00</b>    |
|                                                                                   |            |            |            |            |                     |        | <b>TOTAL COST =</b>    | <b>\$ 39,240.00</b> |