ITEM E

CITY OF LA VISTA
MAYOR AND CITY COUNCIL REPORT
DECEMBER 21, 2021 AGENDA

Subject:	Type:	Submitted By:
AMENDMENT NO. 1 – PROFESSIONAL SERVICES AGREEMENT	◆ RESOLUTION ORDINANCE RECEIVE/FILE	PAT DOWSE CITY ENGINEER

SYNOPSIS

A resolution has been prepared to amend a Professional Services Agreement with Olsson, Inc. of Omaha, Nebraska for additional professional services related to the geotechnical exploration within civic areas of Central Park. The amendment increases the contract amount by $5,900.00 for a total not to exceed amount of $12,390.00.

FISCAL IMPACT

The FY21/FY22 Biennial Budget provides funding for this project.

RECOMMENDATION

Approval.

BACKGROUND

A Professional Services Agreement with Olsson Inc. was approved by Council on June 18, 2019 for geotechnical exploration within civic areas of Central Park, which is now within the vicinity of the Central Park Pavilion and Site Improvements project. The exploration work was completed in anticipation of the construction of the Astro Theatre. As the design of the Central Park Pavilion project has continued, additional geotechnical exploration near the lake edge is necessary to understand the soil characteristics in and around the proposed gravity retaining wall near the lake edge as well as the boardwalk foundations, which are currently proposed as part of the project.

A copy of the scope amendment is attached.

RESOLUTION NO. _____

A RESOLUTION OF THE MAYOR AND CITY COUNCIL OF THE CITY OF LA VISTA AUTHORIZING THE EXECUTION OF AMENDMENT NO. 1 TO A PROFESSIONAL SERVICES AGREEMENT WITH OLSSON, INC, OMAHA, NEBRASKA TO PROVIDE ADDITIONAL PROFESSIONAL SERVICES RELATED TO GEOTECHNICAL EXPLORATION WITHIN CIVIC AREAS OF CENTRAL PARK INCREASING THE CONTRACT AMOUNT BY $5,900.00 FOR A TOTAL NOT TO EXCEED AMOUNT OF $12,390.00.

WHEREAS, the Mayor and City Council of the City of La Vista Nebraska have determined additional professional services related to geotechnical exploration within civic areas of Central Park are necessary; and

WHEREAS, the City Council on behalf of the City of La Vista desires to approve amendment No. 1 to a professional services agreement with Olsson, Inc to provide additional services; and

WHEREAS, The FY21/FY22 Biennial Budget provides funding for this project; and

WHEREAS, Subsection (C) (9) of Section 31.23 of the La Vista Municipal Code requires that the City Administrator secure Council approval prior to authorizing any expenditure over $5,000.00.

NOW, THEREFORE, BE IT RESOLVED, that the Mayor and City Council of the City of La Vista, Nebraska, do hereby approve amendment No. 1 to a professional services agreement with Olsson, Inc to provide additional professional services for geotechnical exploration within civic areas of Central Park.

PASSED AND APPROVED THIS 21ST DAY OF DECEMBER 2021.

CITY OF LA VISTA

_____
Douglas Kindig, Mayor

ATTEST:

_____
Pamela A. Buethe, MMC
City Clerk

LETTER AGREEMENT
AMENDMENT #1
Olsson Project #019-19500
La Vista PO 20-008350

Date: December 13, 2021

This AMENDMENT ("Amendment") shall amend and become a part of the Letter Agreement for Professional Services dated March 7, 2019, between City of La Vista ("Client") and Olsson, Inc. ("Olsson") providing for professional services for the following Project (the "Agreement"):

PROJECT DESCRIPTION AND LOCATION

Project is located at: La Vista City Centre

Project Description: Geotechnical Exploration: Retaining Wall and Boardwalk

SCOPE OF SERVICES

Olsson shall provide the following services (Scope of Services) to Client for the Project:

PROJECT UNDERSTANDING

We understand this project will include the construction of a new retaining wall between the amphitheater and pond and new boardwalk. The site grading plan provided by RDG indicates the new retaining wall will be a Redi-Rock reinforced gravity block retaining wall system with maximum retained heights of 14 feet.
The boardwalk will cross the drainage swale/wetland area connecting the amphitheater and park. We understand the boardwalk will be constructed over the lake with foundations bearing within the lake or wetland area in some areas.

GEOTECHNICAL EXPLORATION

1. **Field Exploration**
    - We will use a skid-steer mounted CPT press or hand equipment to complete a total of 4 soil test soundings or borings for this project to depths of 15 to 50 feet each. Our proposed boring or sounding locations are shown in Image 1 below.

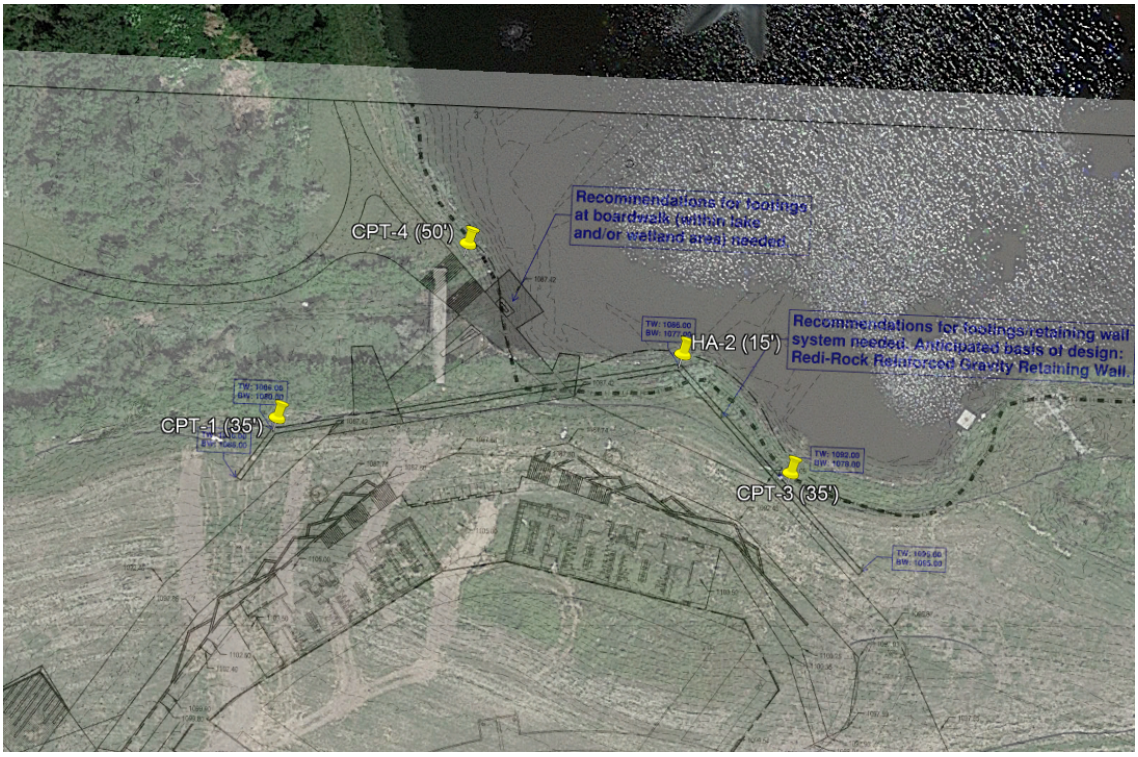

Image 1: Proposed Boring Locations

- Olsson will attempt to complete the boring/soundings as close to the proposed locations as possible, however it may be necessary to modify the boring locations shown above based on site conditions at the time of drilling or to avoid known underground or overhead utilities. Final boring locations will be included in our Report of Geotechnical Exploration.
- Soil test borings or soundings will be completed to the depths proposed, or to auger or sampler refusal, whichever is shallower. A total drilling/sounding footage of 185 linear feet is proposed.
- Olsson will contact the Nebraska 811 service to locate underground public utilities. Private utilities, if present, shall be located and marked in the field by the Client prior to the arrival of our drilling equipment. Olsson cannot be responsible for damage to unknown or unmarked utility lines or service connections.
- This proposal assumes all soil boring locations will be readily accessible to our field equipment during fair weather and dry surface conditions. Site clearing or site preparation for rig access by Olsson personnel is not included in this scope of work.
- Some damage to adjacent ground or pavement surfaces may result from the drilling operations or along access pathways required for the drilling equipment to travel to or from the boring locations. Soil borings will be backfilled with auger cuttings after the drilling operations are complete.
- Soil sampling will be completed in general accordance with ASTM D-1586, ASTM D-1587, or ASTM D-5778 procedures.
- If encountered, groundwater elevations will be measured at the time of drilling and immediately after drilling operations are complete.

2. Laboratory Services

- As soil conditions dictate, laboratory testing may include visual soil classification (ASTM D-2488), unconfined compressive strength (ASTM D-2166), thin-walled tube density (ASTM D-2937), moisture content (ASTM D-2216), Atterberg limits (ASTM D-

4318), one-dimensional consolidation/swell (ASTM D-2435), or mechanical sieve analyses (ASTM D-422).

3. **Engineering Analysis and Report Preparation**
    - The report will include a general discussion of the soil types, soil formations, and engineering characteristics for future earthwork, site grading, and retaining wall design.
    - Where appliable, recommendations will be provided for the use of spread foundations for new structures. These recommendations include maximum allowable soil bearing pressure(s) for new structures and estimates of maximum total and differential settlement within the tolerance limits provided or estimated. Recommendations for spread foundations would also include minimum footing sizes, required frost depth, minimum bearing depth, and passive and friction values to resist sliding.
    - Where applicable, helical pile recommendations will be discussed for foundation support in the pond or near the wetlands.
    - The report will include a general discussion regarding overexcavation or settlement monitoring if these options are considered necessary for wall development or construction.
    - The report will include recommendations regarding the thickness, moisture, and compaction criteria for general fill, structural fill, or utility backfill.
    - If applicable, the report will include a discussion of anticipated groundwater or drainage concerns, along with preliminary recommendations for addressing these concerns during and after construction.
    - The report will include analysis of the soils encountered regarding shrink/swell characteristics and the potential for reuse as compacted structural fill or utility backfill.
    - The report will include subgrade preparation recommendations for supporting the new retaining wall. Soil bearing pressure for foundation design will be provided as applicable.
    - Lateral earth pressure parameters will be provided for the design of grade retaining walls. Active, passive and at-rest parameters will be provided as well as the coefficient of sliding resistance and wall movements necessary to develop these pressures.
    - Discussion of anticipated groundwater concerns, along with recommendations for addressing these concerns during earthwork or construction, if required.
    - We understand that local or global stability analyses, where applicable, are the responsibility of the wall designer and are not included in this scope of work.

The fees for the geotechnical exploration, final report, and services listed above will be invoiced monthly on a percent completed basis as follows:

Task Description	Original Contract	Amend #1	Fee Type
Geotechnical Exploration and Report	$6,490.00	$5,900.00	Lump Sum

TERMS AND CONDITIONS OF SERVICE

All provisions of the original Agreement not specifically amended herein shall remain unchanged.

If this Contract Amendment satisfactorily sets forth your understanding of our agreement, please sign in the space provided below. Retain a copy for your files and return an executed original to Olsson. This proposal will be open for acceptance for a period of 30 days from the date set forth above, unless changed by us in writing.,

OLSSON, INC.

By _____ By _____
Pat Deacon Edward Schnackenberg, P.E.

By signing below, you acknowledge that you have full authority to bind Client to the terms of this Amendment. If you accept this Amendment, please sign:

City of La Vista "Client"

By _____
Signature

Printed Name _____

Title _____ Dated: _____

F:\2019\1501-2000\019-1950\20-Management\Contracts\Amend #1\21-12-13 Geotechnical Exploration Retaining Wall and Boardwalk Amend #1.docx