



# CITY OF FERNLEY

## CITY COUNCIL AGENDA REPORT

Meeting Date: July 21, 2021

**REPORT TO:** Mayor and City Council  
**REPORT THRU:** Daphne Hooper, City Manager  
**REPORT FROM:** Jessica Dover, Senior Project Manager  
**REVIEWED BY:** Brandi Jensen, City Attorney  
**REVIEWED BY:** Denise Lewis, City Treasurer

**FINANCIAL IMPACT:**

Yes:  No:

**CURRENTLY BUDGETED:**

Yes:  No:

**FUND/ACCOUNT:**

520-166-100

**ACTION REQUESTED:**  Consent  Ordinance  Resolution  Motion  Receive/File

**AGENDA ITEM: Staff Report (For Possible Action): Possible Action to Award a Contract for Engineering Services for the US 50A/95A Sewer Improvements and Sage Force Main Valve Installation Project, to Lumos and Associates, Inc., in an amount not to exceed \$96,830.**

**Agenda Item Brief:**

The intent of this Project is to complete rehabilitation and/or reconstruction requirements for a portion of sewer infrastructure through the US 50A/95A corridor. Improvements will be completed outside of the pavement section; improvements within the paved roadway were previously addressed as part of the NDOT US 50A Improvement Project, completed in FY 21 under State Contract 3829. Staff proposes Lumos and Associates, Inc. prepare plans, specifications and estimates, and provide bidding services and Construction Management (CM) Services for the Project.

**Recommended Motion:**

**“I move to Award a Contract for Engineering Services for the US 50A/95A Sewer Improvements and Sage Force Main Valve Installation Project, to Lumos and Associates, Inc., in an amount not to exceed \$96,830.”**

**Business Impact (per NRS Chapter 237):**

- A Business Impact Statement is Attached.
- A Business Impact Statement is not required because this is not a rule (term excludes vehicles by which legislative powers are exercised under NRS Chapters 271, 278, 278A, or 278B).

See attached report for background, analysis, alternatives.

## **ALTERNATIVES:**

1. City Council may award the proposed Contract for Engineering Services to Lumos and Associates, Inc.
2. City Council may reject the proposed Contract and provide additional direction to the City Manager

## **PROJECT SUMMARY:**

### Overview

The proposed Contract with Lumos and Associates, Inc. (Lumos) includes Engineering Design and Construction Management Services for the City's US 50A/95A Sewer Improvements and Sage Force Main Valve Installation Project (Project).

The intent of this Project is to complete rehabilitation and/or reconstruction requirements for a portion of sewer infrastructure through the US 50A/95A corridor. Improvements will be completed outside of the pavement section; improvements within the paved roadway were previously addressed as part of the NDOT US 50A Improvement Project, completed in FY 21 under State Contract 3829. The proposed improvements include but are not limited to: an investigation of existing conditions, engineering design for rehabilitation and/or replacement of (3) existing SSMHs, replacement of approximately 140 LF of sewer pipe along the existing bridge structure at Canal RD on the east side of US 50A/95A, installation of additional valves along the existing force main at Sage DR, re-route existing conduit bank previously discovered during construction of NDOT E.A. 74038.

Engineering Design and Construction is scheduled for completion during FY 21/22; pending NDOT, USBR and NDEP permitting requirements as applicable.

### Lumos and Associates, Inc.

Lumos and Associates, Inc. was selected from the City's 2018-2020 Qualified Professionals List, *Geotechnical Engineering, Land Surveying, Sanitary Sewer Condition Assessment, Sanitary Sewer Design and Master Planning, Construction Inspection and Materials Testing Service Categories.*

Improvements to the City's Wastewater Collection System were completed as part of NDOT's Project, (E.A. 74038); responsibilities for construction, ownership, maintenance and payment are defined per Agreement No. R181-20-030 (Agreement), as amended, between the City and NDOT. Per the Agreement, Section 1.(B), "CITY or its assigned subcontractor, will be responsible to perform field inspection and testing services of work performed by the STATE's contractor on FACILITIES for compliance with CITY's standards." A Short Form Contract for Engineering (CA/CM) Services was executed between Lumos and the City on May 18, 2020 to fulfill this requirement.

Lumos has assisted many agencies in Northern Nevada with Design and Construction Management Services for similar Sanitary Sewer Projects. Lumos will be preparing plans, specifications and estimates and will provide bidding services and Construction Management (CM) Services for the Project. Lumos will be signing the City's Standard Contract in order to complete the work.

## **BACKGROUND:**

In May 2020 NDOT and the City entered into Agreement No. R181-20-030 to remove and replace three sanitary sewer manholes along US 50A as part of State Construction Contract 3829; construction of improvements for NDOT Project SPF-50A-1(006), E.A. 74038. During replacement of the sewer manholes at stations "LB1" 694+10 and "LB1" 698+66, approximately 240 LF of deteriorated sewer pipe was encountered and subsequently removed and replaced. A fourth sewer manhole encountered in the multi-use path at station "M" 33+38 nearing the end of its useful service life was replaced as well.

Improvements to the City's Wastewater Collection System incorporated as part of NDOT's Project were

scoped to address City infrastructure located within NDOT's paved Right-of-Way. The intent was to (1) potentially help the City realize cost savings by replacing portions of the Wastewater System beneath US 50A in conjunction with NDOT's US 50A Royal Oak DR to SR 427 Surface Overlay and Multi-Use Path Project, (Project No. SPF-50A-1-(006)), and (2) potentially reduce necessity of cutting into new pavement in the near future to replace sanitary sewer manholes nearing the end of their service life.

This intent of this Project is to replace and upgrade a portion of sewer infrastructure through the US 50A/95A corridor located outside of the pavement section previously reconstructed as part of the NDOT Improvements completed under State Contract 3829.

**LEGAL IMPLICATIONS:**

**FINANCIAL IMPLICATIONS:**

Project appropriations are included in the approved FY 2022 Budget as part of the Capital Improvement Plan:

- \$386,500 (520-166-100), US 50A/95A Sewer Improvements and Sage Force Main Valve Installation (Page 224, A-68)

**Proposed Contract for Engineering Services, Lumos and Associates, Inc.**

The following Tasks have been included in the proposed Scope of Work (Attachment A to the City of Fernley Standard Contract for Engineering Services, Lumos and Associates, Inc.) as OPTIONAL:

- Task 9, Utility Pothole Services
- Task 13, Reimbursables
- Task 14, Contingency

If it is necessary to perform work to be paid from these tasks, Lumos will prepare and submit a written request detailing the need, scope and not-to-exceed budget for any proposed work. Work under these tasks shall proceed only with the City Project Manager's prior written approval.

Total Design and Bidding Services: (Task 1 through Task 8)	\$41,650
Total Construction Services: (Task 10 through Task 12)	\$36,420
<u>Total OPTIONAL Engineering Services: (Task 9, 13 and 14)</u>	<u>\$18,760</u>
Total (Including OPTIONAL Services):	<b>\$96,830</b>

**ATTACHMENTS:**

- 1.) City of Fernley Standard Contract for Engineering Services, Lumos and Associates, Inc.