



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:

100-475-745

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 Fernley Industrial Park Rehabilitation and Reconstruction Project, to Lumos and Associates, Inc., in an amount not to exceed \$262,800.

Agenda Item Brief:

The Scope of Services generally includes: reconstruct a portion of Lyon DR and Industrial DR in its entirety, evaluate Salvadore DR and Resource DR for corrective maintenance treatments, identify and implement drainage improvements throughout the Project area and coordinate with Union Pacific Railroad (UPRR) to obtain permitting as required. This Project may be impacted by Right-of-Way Acquisition Services. The proposed Scope of Work (Attachment A, City Standard Contract, Attachment No. 1, below), excludes Engineering During Construction Services; a proposal for these Services will be brought to City Council under a separate Scope at a future date.

Recommended Motion:

"I move to Award a Contract for Engineering Services for the Fernley Industrial Park Rehabilitation and Reconstruction Project, to Lumos and Associates, Inc., in an amount not to exceed \$262,800."

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 Services to complete the Fernley Industrial Park Rehabilitation and Reconstruction Installation Project (Project).

The proposed Project is located within the Fernley Industrial Park, with extents beginning from approximately 1,000 ft south of the E. Newlands DR/Lyon DR intersection, to the Lyon DR terminus at the Lyon DR/Industrial DR intersection. Industrial DR, Salvadore DR and Resource DR are included in the Project area in their entirety. The Scope of Services for this Project includes, but is not limited to: reconstruct a portion of Lyon DR, reconstruction of Industrial DR in its entirety, evaluate Salvadore DR and Resource DR for corrective maintenance treatments, identify and implement drainage improvements throughout the Project area to prevent further deterioration of the roadways, and coordinate with UPRR to obtain permitting as required. This Project may be impacted by Right-of-Way Services.

The proposed Scope of Work (Attachment A to the City of Fernley Standard Contract for Engineering Services, Lumos and Associates, Inc., Attachment No. 1, below), excludes Engineering During Construction (EDC) Services; a proposal for these services will be brought to City Council under a separate Scope at a future date.

This Project is tentatively scheduled to bid Spring/Summer 2022, pending final Right-of-Way Acquisitions, Utility Relocation Agreements, UPRR coordination and other permitting requirements as applicable.

Lumos and Associates, Inc.

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

Lumos completed a pavement condition survey while evaluating potential stop gap improvement candidates, as part of the FY 20/21 PMP Maintenance Project. The Project area was also included in inspection of street sections within the City's Street Network as part of the FY 20/21 PMP Assessment and PMP Update report; Lumos performed these inspections.

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

BACKGROUND:

Lyon DR, Industrial DR, Salvadore DR and Resource DR were part of the Fernley Industrial Park Phase I and Phase II Improvements. In general, these streets provide commercial access to various businesses in the City's Industrial Area; resulting in consistent and substantial truck loading on these pavement sections.

Phase I improvements included Industrial DR, a portion of Lyon DR and a portion of Salvadore DR. Phase I improvements were accepted by Lyon County in January 1994. Phase II improvements included Resource DR and the easterly portion of Salvadore DR. The Board of Lyon County Commissioners accepted the dedication of Phase II improvements in April 1996. City records indicate a Type 3 slurry treatment was applied to

Industrial DR, Resource DR and Salvadore DR during FY 2007. Construction for the Lyon DR Phase I Reconstruction Project, Project extents from E. Newlands DR to approximately 1,000 ft south along Lyon DR, was completed in March 2012. The reconstructed pavement section was included in the City's FY 19/20 PMP Maintenance Project; this area received a Type 3 Micro Surface Preventative Maintenance treatment.

Excluding the Lyon DR Reconstruct project limits indicated above, PCI ranges from 6 to 46 on Lyon DR from end of existing (E) improvements to the end of Lyon DR, Industrial DR and Salvador DR. Streets with these PCI's exhibit severe forms of distress and are nearing the end of their useful service life. Per the City's Pavement Management Program Policy, these pavement sections are categorized as Condition Category IV (PCI 25-49) and Condition Category V (PCI 0-24) with pavement conditions defined as "Poor" and "Very Poor", respectively. Treatment types required for these Condition Categories, for the given Roadway Functional Classification throughout the proposed Project area, are as follows: Category IV to be evaluated for Corrective/Rehabilitation and/or Reconstruction; Category V pavement sections will be designed for full Reconstruction. Resource DR currently has a PCI of 77, placing it in Condition Category I (PCI 70-100) with pavement condition defined as "Very Good". Resource DR will be evaluated for Preventative Maintenance treatments, including crack seal, patching and Micro Surfacing, as applicable.

LEGAL IMPLICATIONS:

FINANCIAL IMPLICATIONS:

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

- \$2,900,000 (100-475-745), Fernley Industrial Park Rehabilitation and Reconstruction Project (Page 218, A-14)

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 5C, Utility Pothole Exploration
- Task 12, Right-of-Way Services
- Task 13, Public Outreach
- Task 14, Reimbursables
- Task 15, 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: (Tasks 1-4, 5A, 5B, 6-11)	\$218,380
Total <u>OPTIONAL Engineering Services: (Tasks 5C, 12-15)</u>	<u>\$44,420</u>
Total (Including OPTIONAL Services):	\$262,800

ATTACHMENTS:

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