



CITY OF FERNLEY

CITY COUNCIL AGENDA REPORT

Meeting Date: October 7, 2020

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, 510-166-100, 520-166-100

ACTION REQUESTED: Consent Ordinance Resolution Motion Receive/File

AGENDA ITEM: Staff Report (For Possible Action): Possible Action to Award two (2) Contracts for Engineering Services for the Shadow Lane Reconstruction Project (US-50A/95A to SR 828), to: NCE, in an amount not to exceed \$591,430 and to Lumos and Associates, Inc., in an amount not to exceed \$34,200.

Agenda Item Brief:

Shadow LN is a critical East-West Collector for the City and is used for both residential and commercial access. Shadow LN West, between US-50A/95A and SR 828 (Farm District RD), is currently in a state of disrepair with a Pavement Condition Index (PCI) ranging between 0 to 50. These PCI rankings indicate preventative maintenance is no longer appropriate for these sections of roadway. Drainage improvements, sanitary sewer and water infrastructure will also be evaluated as part of this Project.

Recommended Motion:

“I move to Award two (2) Contracts for Engineering Services for the Shadow Lane Reconstruction Project (US-50A/95A to SR 828), to: NCE, in an amount not to exceed \$591,430 and to Lumos and Associates, Inc., in an amount not to exceed \$34,200.”

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 Contracts for Engineering Services
2. City Council may reject the proposed Contracts and provide additional direction to the City Manager

PROJECT SUMMARY:

The Shadow Lane Reconstruction Project (Project) was approved for Engineering Design as part of the FY 20-21 Budget. Staff anticipates various Engineering Services to be incorporated into the Project, including but not limited to: Geotechnical Engineering, Pavement Engineering, evaluation and design of water and sewer system improvements, evaluation and design of drainage improvements throughout the corridor, ADA improvements, Agency Coordination and Permitting, Public Outreach and Stakeholder Management, Right-of-Way Engineering and Easement Acquisition, Utility Investigation and Coordination, Bidding Services, Contract Administration and Engineering During Construction (EDC) Services.

Engineering Design, Permitting, Contract Administration and Bidding Services are proposed to be awarded during FY 20/21; applicable Engineering During Construction (EDC) Services and Construction Management (CM) Services will be considered for award at a future Fernley City Council Meeting.

NCE

Staff chose to select a Firm to perform Engineering Design Services for the Project from the City of Fernley 2018-2020 Qualified Professionals List, *Street Rehabilitation and Reconstruction Service Category*. This List stipulates that Projects may be assigned in three (3) different ways; the City utilized Option No. 2, (*At least three firms from a service category may be invited to participate in a request for approach process or participate in a short interview to determine which firm's qualifications best match the project needs*), to potentially select a Qualified Firm for the Project. All Firms interviewed were already established as Qualified; the intent of the interviews was to assist City of Fernley (City) Staff in determining which Firm's qualifications best match the Project needs.

Following the Interview Evaluation process, NCE was ranked the most qualified firm out of the four (4) Firms that participated in the interview process for the Shadow LN Reconstruction Project, Contract for Engineering Services. The City Manager has reviewed the Evaluation Committee's (Committee's) recommendation, and has approved the ranking of the (4) individual Firms interviewed, as established by the Committee.

Negotiation of NCE's scope, schedule and fee indicate the proposed Professional Services are reasonable for the anticipated scope and complexity of the Project. NCE has performed similar Engineering Services for various agencies in Northern Nevada. The Scope of Services, (NCE Standard Contract for Engineering Services, Attachment A) excludes the following: Right-of-Way activities such as appraisals, property owner negotiations, escrow coordination and title clearance and recordation of fully executed easements(s), Water and Sewer Modeling, EDC Services. NCE will be signing the City's Standard Contract in order to complete the work.

Lumos and Associates, Inc.

Lumos and Associates, Inc. (Lumos) was selected from the City's 2018-2020 Qualified Professionals List, *Street Rehabilitation and Reconstruction, Construction Inspection and Materials Testing Service Categories*. Lumos will be providing Contract and Bidding Services for the Project during the Engineering Design Phase, (including a constructability review of project plans on the 60%, 90% and 100% submittals), and CM Services for the Project during Construction. A CM Scope of Services will be proposed at a future City Council Meeting.

Lumos has assisted various agencies in Northern Nevada with Design and Construction Management Services for similar Pavement Reconstruction Projects. Lumos will be signing the City's Standard Contract in order to complete the work.

BACKGROUND:

Shadow Lane is a critical East-West Collector for the City and is used for both residential and commercial access. Shadow LN West, between US-50A/95A and SR 828 (Farm District Road), is currently in a state of disrepair with a Pavement Condition Index (PCI) ranging between 0 to 50. These PCI rankings indicate pavement maintenance is no longer appropriate for these sections of roadway and that reconstruction is required.

The road also has areas of missing curb gutter and sidewalk and drainage issues that will need to be addressed to prevent future deterioration of the roadway.

Sanitary sewer and water infrastructure will be evaluated for replacement and/or upsizing within the Project area.

The Project will begin with design in FY 2021 and then progress to construction in FY 2022.

LEGAL IMPLICATIONS:

FINANCIAL IMPLICATIONS:

Project appropriations are included in the approved FY 2021 Budget as part of the Capital Improvement Plan:

- \$260,000 (100-475-745), Shadow Lane Reconstruction (US-50A/95A to SR 828) Engineering Design (Page 163, 214, 224)
- \$50,000 (510-166-100), Shadow LN Waterline Replacement and Extension Engineering Design (Page 217, 248)
- \$30,000 (520-166-100), Shadow LN Sanitary Sewer Rehab/Reconstruct (Page 219, 259)

City of Fernley Standard Contract for Engineering Services, NCE

The following Tasks have been included in the proposed Scope of Services (Attachment A to the City of Fernley Standard Contract for Engineering Services, NCE) as OPTIONAL:

- Task 5.C, Utility Pothole Exploration
- Task 6.E, Analysis and Improvement Design of Roadside Irrigation Facilities
- Task 10.D, Truckee Carson Irrigation District (TCID)
- Task 11, Public Outreach and City Council Meetings
- Task 12, Right of Way Engineering and Easement Acquisition
- Task 13, Traffic and Roadway Evaluation
- Task 15, Contingency

If it is necessary to perform work to be paid from these tasks, NCE 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 & Bidding Services: (Task 1 through 6 and Task 9, 10 and 14) *	\$378,645
Total Design Services Water Enterprise: (Task 7)	\$26,655
Total Design Services Sewer Enterprise: (Task 8)	\$20,715
Total OPTIONAL Engineering Services: (Task 5.C, 6.E, 10.D, 11, 12, 13 and 15)	\$165,415
Total (Including Optional Services)	\$591,430

* Excludes Tasks 5.C, 6.E and 10.D

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

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

- Task 3, On-Call Services

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 Contract Services: (Task 1)	\$24,470
Total Bidding Services: (Task 2)	\$4,730
Total OPTIONAL Engineering Services: (Task 3)	\$5,000
Total (Including Optional Services)	\$34,200

Shadow LN Reconstruction Project, Engineering Design, Contract and Bidding Services Proposed Total:

NCE Standard Contract for Engineering Services	\$591,430
Lumos Standard Contract for Engineering Services	\$34,200
Total (Including Optional Services)	\$625,630

The total amount proposed for the (2) Contracts exceed the General Fund amount approved for the FY 2021 Project. Additional funding for the Project will come out of the City's RTC fund balance, (GL: 100-475-745), should an overage occur.

ATTACHMENTS:

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