



Meeting Date: 12/19/18
Agenda Item: #

Mission Statement

To provide our growing dynamic community excellent municipal services to make Fernley a great place to live, work, and play. Together, we enhance the desirability, safety, friendliness, aesthetics and quality of life in our city.

CITY OF FERNLEY CITY COUNCIL MEETING STAFF REPORT

REPORT TO: Mayor & City Council
REPORT THRU: Daphne Hooper, City Manager
REPORT BY: Derek W. Starkey, PE, City Engineer
REVIEWED BY: Brandi Jensen, City Attorney
REVIEWED BY: Denise Lewis, Finance Director

AGENDA ITEM: **Possible Action to award three (3) Contracts, for the Construction and associated Construction Services for the Ricci and Cottonwood Lane Pipe Bridge Rehabilitation Project:**

- 1.) **Award of Contract for Construction to King Construction, in an amount not to exceed \$154,650.00, plus a 5% contingency of \$7,732.50.**
- 2.) **Award of Contract for Design and Construction Services to Hyytinen Engineering, LLC (Hyytinen), in an amount not to exceed \$13,200.00.**
- 3.) **Award of Contract for Construction Administration and Inspection Services to Lumos and Associates, Inc., in an amount not to exceed \$27,320.00.**

ACTION REQUESTED: Consent Ordinance Resolution Motion Receive/File

RECOMMENDED ACTION BY CITY COUNCIL

Staff recommends the following action:

“I move to award the Contracts for Construction and associated Construction Services for the Miller Lane Pipe Bridge Rehabilitation Project:

- 1.) **Award of Contract for Construction to King Construction, in an amount not to exceed \$154,650.00, plus a 5% contingency of \$7,732.50.**
- 2.) **Award of contract for Design and Construction Services to Hyytinen Engineering, LLC (Hyytinen), in an amount not to exceed \$13,200.00**
- 3.) **Award of Contract for Construction Administration and Inspection Services to Lumos and Associates, Inc., in an amount not to exceed \$27,320.00.”**

Key Points:

1. King Construction was the qualifying apparent low bidder at the Project Bid Opening.
2. The project will rehabilitate two of the City's waterline crossings over the TCID Canal. One crossing is at the south end of Ricci Lane and the other is located behind the City's corporation yard on Cottonwood Lane.
3. Hyytinen Engineering performed an initial structural evaluation and design for repairs to the Ricci, Cottonwood, and Miller Lane Crossings. The Miller Crossing was completed in FY17/18 and Hyytinen was retained by the City again to complete the final design and contract documents for the Ricci and Cottonwood Crossings. They are needed to complete the final design and assist during the bidding process and construction phase of the project.
4. It is proposed that Lumos and Associates, Inc., selected from the City's 2018-2020 Qualified Professionals List, provide Construction Administration, Inspection and Materials Testing Services for the Project.
5. The total budget for the Project is \$220,000 and was approved during the FY 18/19 budget approval process.

POLICY REFERENCE

Nevada Statutes: NRS 625.050
NRS 625.530 Section 3 Restrictions upon Public Works
NRS 332.115.1.b
NRS 338

Fernley Municipal Code: N/A

Policies & Procedure Manual: N/A

Community Assessment: N/A

Other: N/A

SUPPORTING INFORMATION

These three (3) Contracts are for Construction and associated Construction Services for the Ricci and Cottonwood Lane Pipe Bridge Rehabilitation Project. Major work items include, but are not limited to: Repairs to the north abutment at the Ricci Lane crossing, placement of rip-rap, clean, reset and apply protective coat of anti-rust treatment to bolts, nuts, washers beam flanges of the north and south end connections, removal of cracked and loose grout with replacement of new non-shrink grout under base plates of existing bridge girders, cleaning and repainting rusting of the main bridge frame, removal and replacement of damaged fence/gates, replacement of pipe insulation, site work, finish grading, and traffic control as needed.

1.) Contract for Construction

Staff advertised the Project in the Reno Gazette Journal, the Mason Valley News and on the City of Fernley website. The dates of Advertisement for RGJ and MVN were November 21, 2018. The Advertisement was posted on the City of Fernley website from November 21, 2018 through December 12, 2018. Staff opened bids on December 12, 2018. The list of bidders and total bid prices for the Project are referenced below as Attached Information, Item No. 3.

After reviewing the bids and conferring with the City's Project consultants, Hyytinen Engineering, LLC, Staff recommends awarding the Contract to King Construction. Hyytinen's Recommendation of Award Letter is referenced below as Attached Information, Item No. 2.

The proposed Contract amount is comprised of the Base Bid (\$103,400.00), Alternate A (\$17,000.00), and Alternate B (\$34,250.00) for a total amount of \$154,650.00. Alternate A and B provides for the replacement of existing damaged pipe insulation at both crossings.

2.) Hyytinen Contract

Hyytinen Engineering prepared the plans, specifications and estimates for the Miller, Ricci and Cottonwood LN Pipe Bridge Rehabilitation Projects.

The Contract for Engineering Services was intentionally scoped to include completion of design, compilation of specifications and a final Engineer's Estimate of Costs for Construction. Construction Administration Services to assist with the bid process were included as well. Staff requested that Hyytinen submit a Proposal for Construction Services during the construction phase of the Ricci and Cottonwood Crossing Project.

Staff is requesting additional funds for Hyytinen to complete Construction Services during the construction phase of the Project in the amount of \$13,200.00, which includes the following tasks:

- Attend a Pre-Bid and Pre-Construction Meeting at Fernley City Hall
- Review Shop Drawings and Respond to requests for information, RFI's, during Construction
- Review Contractor Payment Application(s)
- Provide marking for work to be performed by Contractor as designated by Contract Documents
- Attend weekly site visits to review the progress and meet with the Contractor.
- Provide a final walk through and prepare a final punch list.
- Provide a Substantial Completion letter.
- Provide Record Drawings.

3.) Lumos and Associates Contract for Construction Services

It is proposed that Lumos and Associates, Inc., selected from the City's 2018-2020 Qualified Professionals List, provide Construction Management, Inspection and Materials Testing Services for the Project. Lumos will provide periodic inspection of the following critical items during construction:

- Surface Preparation
- Footing Compaction
- Insulation Removal and Replacement
- Bolt and Metal Surface Cleaning/Painting
- High Strength Grout Repairs
- Site Re-Grading, Fence Installation, Rip Rap Placement
- Verification of Punch-List Completion

Materials Testing for compliance with specifications per the Standard Specifications for Public Works Construction (SSPWC) will be provided. The Proposal includes contract administration services to allow for review and recommendations that may arise from findings in the field and/or in the lab.

These services are being proposed for an amount not to exceed \$27,320.00.

FINANCIAL INFORMATION

FISCAL IMPACT:

1. Is There A Fiscal Impact? Yes
2. Is it Currently Budgeted? Yes
3. If Budgeted, Which Line Item/Account?

510-166-100

FISCAL SYNOPSIS:

The approved FY 17/18 budget for the Project is \$220,000.00. This Project will be paid for by the Water Enterprise Fund. The total amount of all three contracts is \$195,170.00

BACKGROUND INFORMATION

In March 2014 Hyytinen performed a visual assessment of three (3) existing Water Distribution System pipeline crossings for the City of Fernley, located at Miller Lane, Ricci Lane and Cottonwood Lane. The subsequent report, dated April 08, 2014, provided pertinent general information about each bridge, descriptions of the assessed structural condition of each

bridge and recommendations to Staff intended to help sustain use and extend the service life of the existing structures.

Staff requested funds to proceed with design for applicable repairs, retrofit and/or replacement for all three (3) existing Water Distribution System pipeline crossings during the FY 16/17 budget cycle, with construction of recommended repairs to follow in FY 17/18. The FY 16/17 Project was completed on time and under the approved \$20,000 budget. The Final Engineer's Estimate of Costs for Construction included an estimate for removal/replacement of the pipe insulation, in addition to anticipated repairs. Funding in the amount of \$170,000 was approved for the FY 17/18 Miller Lane Rehabilitation Project, with construction of improvements at Ricci LN and Cottonwood LN to follow in subsequent budget cycles. The Miller Lane crossing was rehabilitated in FY 17/18.

A United States Bureau of Reclamation (USBR) Consent Document has been obtained for the work that will be conducted in the canal and near USBR Facilities. Staff has been coordinating with Truckee-Carson Irrigation District (TCID) to schedule construction activities for the Project concurrently with TCID winter O&M activities, as the canal will need to be dewatered in order for the Contractor to perform a portion of the work.

PRIOR COUNCIL ACTION/REVIEW

May 18, 2016, Discussion and possible action to staff regarding fiscal year 2016/2017 proposed budget including but not limited to; all funds and departments, budget process, timelines, existing budget, assessment and goals for next year, Motion passed.

November 02, 2016, Possible Action to approve a Contract for Engineering and Construction Administration Services for Phase I of the Pipe Bridge Rehabilitation Project, to Hyytinen Engineering LLC, in an amount not to exceed \$18,000, Motion passed.

May 17, 2017, Discussion and possible action to staff regarding fiscal year 2017/2018 proposed budget including but not limited to; all funds and departments, budget process, timelines, existing budget, assessment and goals for next year, Motion passed.

ATTACHED INFORMATION

- 1) City of Fernley Standard Contract for Construction for King Construction
- 2) Recommendation of Award Letter, Hyytinen Engineering, LLC
- 3) Bid Tabulation
- 4) City of Fernley Standard Contract for Engineering Services for Hyytinen Contract
- 5) City of Fernley Standard Contract for Engineering Services for Lumos and Associates