



WASHOE COUNTY

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STAFF REPORT

BOARD MEETING DATE: January 23, 2024

DATE: January 2, 2024

TO: Board of County Commissioners

FROM: Dwayne Smith, P.E., Division Director, Engineering and Capital Projects
Community Services. Dept., 775-328-2043, desmith@washoecounty.gov

THROUGH: Dave Solaro, Assistant County Manager

SUBJECT: Recommendation to award a bid and approve the Agreement to the lowest responsive, responsible bidder for the Lakeside Drive/Last Chance Ditch Culvert Replacement Project in Washoe County, PWP-WA-2024-110, [staff recommends FW Carson Co in the amount of \$637,946.00]; and approve a separate project contingency fund [in the amount of \$60,000.00]. The Project is located near Evans Creek Drive and will replace a failed metal corrugated culvert with reinforced concrete pipes to achieve long term sustainability of the Washoe County roadway and drainage network. (Commission District 2.)

SUMMARY

The Lakeside Drive/Last Chance Ditch Culvert Replacement Project will replace a failed 60"x40" corrugated metal pipe servicing the Last Chance Ditch crossing under Lakeside Drive. The failed pipe is located within Washoe County rights-of-way approximately 200 feet south of Evans Creek Drive and is the responsibility of the County for operation and maintenance.

The failed 60" x 40" metal pipe will be replaced by two (2) 36-inch diameter reinforced concrete pipes creating a long-term crossing that will require very little maintenance. Additional work includes construction of double barrel headwalls with splashpads and a trash rack, replacement of barrier and guard railing, asphalt patching and paving, placement of riprap, revegetation, signage, and traffic control. The proposed project is designed to maintain Washoe County's roadway network in a safe and effective manner while maintaining long term sustainability.

Solicitation for bids was posted on Thursday, December 14, 2023, and sealed bids were opened on Thursday, January 4, 2024. Fourteen responses were submitted. The list of sealed bids received for the project is as follows:

AGENDA ITEM # _____

Lakeside Drive / Last Chance Ditch Culvert Replacement Project	
Bidder	Amount
A & K Earth Movers, Inc.	\$707,000.00
Armac Construction	\$747,698.00
Cruz Construction	\$733,903.61
DRC Construction LLC	(Not Responsible NAC 624.150) \$595,609.57
Farr Construction Corporation dba. Resource Development Company	\$807,261.30
FMI	\$671,514.00
FW Carson Co	\$637,946.00
M4 Engineering	\$773,569.65
McCuen Construction, Inc.	\$680,211.46
MKD CONSTRUCTION, INC.	\$951,674.60
Q&D Construction	\$755,000.00
RaPiD Construction	\$856,658.00
Sierra Nevada Construction, Inc.	\$794,007.00
Spanish Springs Construction, Inc.	\$932,000.00
Engineer's Estimate	\$864,731.00

Staff has verified in the system for award management (SAM) that the bidder is not excluded from receiving federal government contracts as a result of being debarred; thus, the bidder is not prohibited by NRS 338.017(2) from being awarded a public works contract.

During the bid conformance review it was identified that the initial lowest bidder does not hold the required construction classification and associated subclassifications licensure for the identified scope of work under the Nevada Administrative Code Chapter 624.150. As required by NRS 338 and NAC 624, that bidder was deemed not responsible. Subsequently, staff is recommending the next lowest bidder, FW Carson Co, for the project. As identified on the Nevada State Contractors Board web site, FW Carson Co holds the required Class A General Engineer license (0044726) which includes all subclassifications for civil engineering work required for this project.

Washoe County Strategic Objective supported by this item: Fiscal Sustainability:

PREVIOUS ACTION

On January 16, 2024, the Board of County Commissioners (Board) approved a resolution to augment the Capital Improvements Fund in the amount of [\$18,618,598.96], which included \$1,146,010 for an emergency repair of the Lakeside Drive Culvert Replacement project.

On May 16, 2023, the Board adopted the Washoe County Final budget for Fiscal Year 2024 as well as the adopting the Capital Improvement Plan (CIP) for Fiscal Years 2024-2028.

BACKGROUND

The repair and maintenance of Washoe County roads is part of the Community Services Department's responsibilities. Lakeside Drive was constructed after the original construction of the Last Chance Irrigation Ditch, which was constructed in the late 1800's. Therefore, Washoe County is responsible for the maintenance of the ditch crossing within the public right-of-way. A 60"x40" corrugated metal pipe servicing the Last Chance Ditch crossing under Lakeside Drive has failed, creating an unsafe condition for both vehicular traffic and multi-modal users. The failed pipe is located roughly 200 feet south of Evans Creek Drive.

Washoe County performed an initial small repair to a portion of the crossing in April 2022 where 10 lineal feet (lf) of pipe initially failed and caused a sinkhole in the roadway. Repair work included replacing 10 lf of pipe, repairing 100 lf of roadway shoulder, removing and replacing a rock headwall, and cleaning the remainder of the pipe.

In July of 2023 the culvert experienced a more significant failure resulting in another sinkhole in the roadway. To make the roadway safe, steel trench plates were placed across the failed section to keep the roadway while a permanent plan for replacement was developed. The construction project being presented for the award is based upon the plans designed and developed for a permanent solution for the travelling public in this area. Due to the limited time anticipating the irrigation ditch flows will begin in April, Lakeside Drive will be closed for the duration of the replacement project, significantly shortening the overall project duration. The County recognizes the inconvenience to those that use the road daily who will need to rely on other roadways during the anticipated project duration of four weeks.

FISCAL IMPACT

Budget authority for this agreement, including base bid and contingency, exists in the FY24 budget in the Capital Improvement Fund (402) in the Lakeside Drive Culvert Replacement project (PW925005).

RECOMMENDATION

It is recommended the Board of County Commissioners award a bid and approve the Agreement to the lowest responsive, responsible bidder for the Lakeside Drive/Last Chance Ditch Culvert Replacement Project in Washoe County, PWP-WA-2024-110, [staff recommends FW Carson Co in the amount of \$637,946.00]; and approve a separate project contingency fund [in the amount of \$60,000.00]. The Project is located near Evans Creek Drive and will replace a failed metal corrugated culvert with reinforced concrete pipes to achieve long term sustainability of the Washoe County roadway and drainage network.

POSSIBLE MOTION

Should the Board agree with staff's recommendation, a possible motion would be:
"Move to award a bid and approve the Agreement to the lowest responsive, responsible bidder for the Lakeside Drive/Last Chance Ditch Culvert Replacement Project in Washoe County, PWP-WA-2024-110, [staff recommends FW Carson Co in the amount of \$637,946.00]; and approve a separate project contingency fund [in the amount of \$60,000.00]. The Project is located near Evans Creek Drive and will replace a failed metal corrugated culvert with reinforced concrete pipes to achieve long term sustainability of the Washoe County roadway and drainage network."