

STAFF REPORT

Date: September 27, 2023

To: Mayor and City Council

Thru: Doug Thornley, City Manager

Subject: Staff Report (For Possible Action): Award of Contract to Aspen Developers Corporation, for the Boynton Slough Slope Stabilization Project in an amount not to exceed \$1,661,339. (Sewer Fund)

From: David Lake, Associate Civil Engineer

Department: Utility Services

Summary:

Boynton Slough (Dry Creek), a City maintained channel, is experiencing bank erosion within sections that run along the eastern side of the Reno-Tahoe International Airport (RTIA). The erosion is damaging the adjacent maintenance access road and security fencing along the airport's eastern property line. Stabilization of these failing channel sections is a priority to prevent further erosion and a possible breach of the airport security fencing. The Boynton Slough Slope Stabilization Project will repair and armor the damaged sections of this channel. Staff recommends Council award of contract to Aspen Developers Corporation in an amount not to exceed \$1,661,339.

Alignment with Strategic Plan:

Infrastructure, Climate Change, and Environmental Sustainability

Previous Council Action:

January 12, 2022 – Council approved a Consultant Agreement with Atkins, for the Boynton Slough Slope Stabilization Project design in the amount not to exceed \$306,290.

Background:

Dry Creek enters the RTIA at the southeast corner of the property, and exits through a culvert under Longley Lane, just north of Perro Lane. Numerous channel sections are unstable with eroding banks encroaching into adjacent airport maintenance roads, and destabilizing airport security fencing. The City of Reno is responsible for maintaining the Dry Creek channel through the airport. The City of Reno completed a Dry Creek bank stabilization project from Peckham Lane to just south of Tesco Technologies in December 2022.

Discussion:

Approximately 2600 feet of Boynton Slough, along the southeast section of the RTIA's east-west runway, eroded during flood events in early 2017, threatening the airport security fencing along the eastern edge of the RTIA. Project location and limits are shown on Figure 1 below.

Figure 1. Location Map



City of Reno, NV
Department of Public Works
Source: Public Works Enterprise GIS Portal

Public Works Map

Disclaimer: This map data is for general reference only and is subject to continuous change and updates. The entire risk as to quality, performance and usefulness of this map data rests with the user.

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Portions of the north and south channel banks are encroaching into the adjacent airport maintenance road and destabilizing the airport security fence along the eastern property boundary. Channel bank erosion encroaching into the airport security fence can be seen in Figure 2 below. Atkins was hired in January 2022 to design stabilization measures, develop contract documents and obtain necessary United States Army Corps of Engineers (USACE) and Nevada Department of Environmental Protection (NDEP) permitting to construct the project.

Figure 2. Boynton Slough Bank Erosion



Staff received and opened five bids for the Boynton Creek Restoration Project on August 31, 2023. Aspen Developers Corporation submitted the best bid pursuant to the requirements established in Nevada Revised Statute (NRS) Chapter 338. Bid results are summarized below in Table 1 – Bid Summary.

Table 1. Bid Summary

	Boynton Slough slope Stabilization Project Bidders	Total Bid
1	Aspen Developers Corporation	\$ 1,488,839.00
2	Granite Construction Company	\$ 1,522,522.00
3	Sierra Nevada Construction, Inc.	\$ 1,598,007.00
4	Q&D Construction LLC	\$ 1,763,006.99
5	F. W. Carson Co.	\$ 2,589,452.00

Table 2. Recommended Bid Award

Boynton Slough Slope Stabilization Project – Base Bid	\$ 1,488,839
Contingency	\$ 172,500
Bid Award	\$ 1,661,339

Further erosion, a breach of the airport security fencing, along with higher future bids are the likely consequence if this project isn't awarded today, increasing risk to the City.

Financial Implications:

Funding for this project will be provided from the Sewer Fund as identified in the FY23/24 Capital Improvement Program.

Legal Implications:

This Contract was competitively bid in accordance with Chapter 338 of the Nevada Revised Statutes (NRS). Aspen Developers Corporation maintains the proper licenses to construct the project and submitted the best bid pursuant to City procedures and Nevada Law.

Recommendation:

Staff recommends Council approve the Construction Services Agreement with Aspen Developers Corporation in the amount not to exceed \$1,661,339 and authorize the Mayor to Sign.

Proposed Motion:

I move to approve staff recommendation.

Attachments:

- Aspen Developers Construction Services Contract.pdf