

STAFF REPORT

Date: March 13, 2024

To: Mayor and City Council

Through: Doug Thornley, City Manager

Subject: Staff Report (For Possible Action): Award of Contract to M4 Engineering, LLC for the 2024 Cross Connection Project in the amount of \$1,269,213.08. (Sewer Fund)

From: Jonathan Smith, Senior Civil Engineer

Department: Public Works

Summary:

The 2024 Cross Connection Project is located at various locations in Reno including Fifth Street and Evans Avenue, Fourth Street and Morrill Avenue, Fourth Street and Quincy Street, Fourth Street and Montello Street, Vassar Street and Market Street, and Anson Drive and Keystone Avenue. The project will remove existing cross connections between the City's storm drain and sanitary sewer systems. The contract with M4 Engineering includes the necessary work to remove the existing cross connections and construct new storm drain infrastructure including drop inlets, manholes, and 10"-12" storm drain pipe. The new infrastructure will perpetuate stormwater flows to existing storm drain systems. M4 Engineering LLC submitted the best bid in the amount of \$1,269,213.08, which includes contingency. Staff recommends Council award the contract to M4 Engineering, LLC.

Consent Review	Yes	No
1. Is this item an annual or standard item that comes before Council for regular approval?		X
2. Is this item an agreement required based on an item previously approved by Council?		X
3. Is this item included in the current budget approved and adopted by Council?	X	
Other Considerations		
What percent of the total City budget does this item represent?	0.15%	

Alignment with Strategic Plan:

Infrastructure, Climate Change, and Environmental Sustainability

Previous Council Action:

There is no recent Council action relevant to this item.

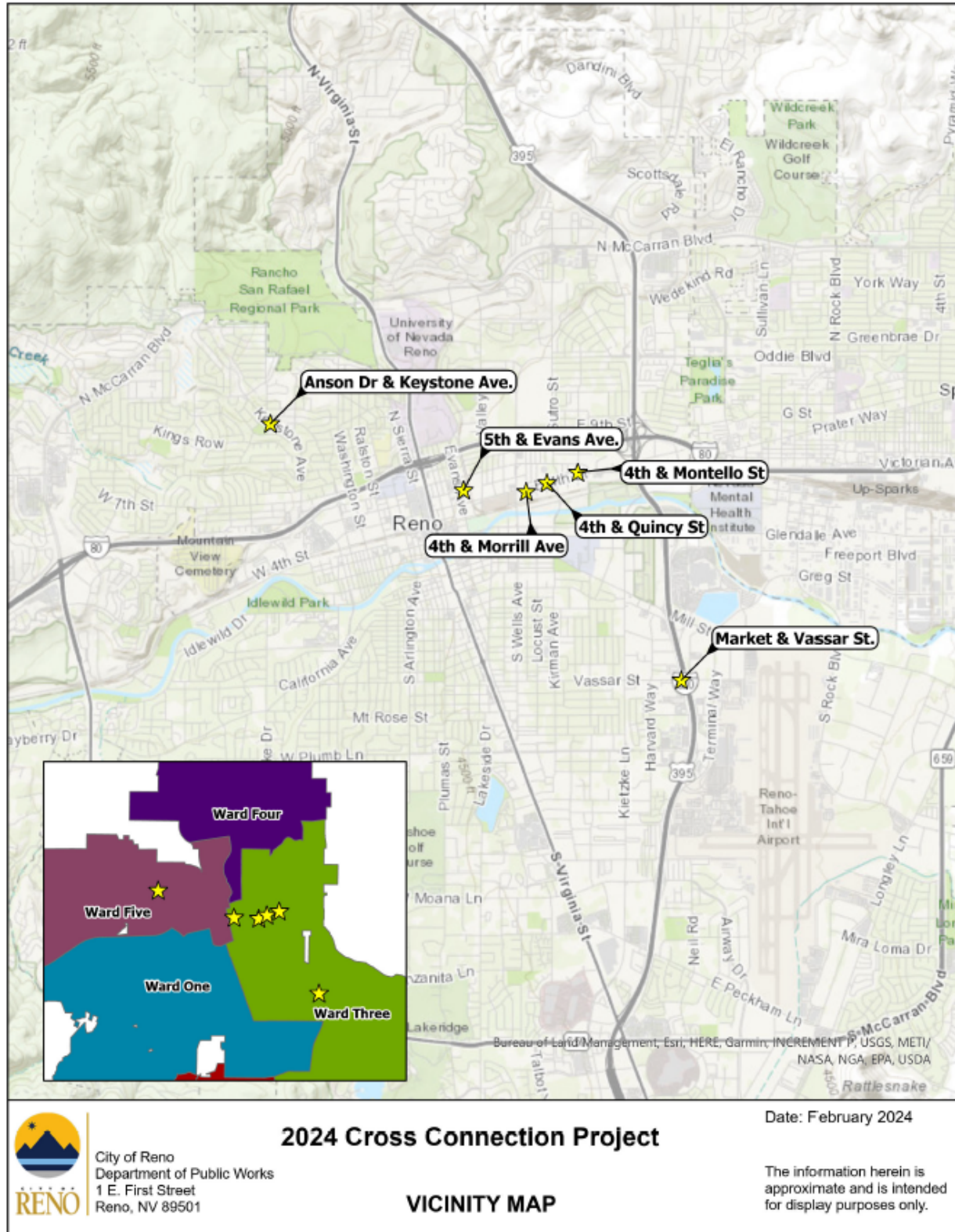
Background:

Inflow and infiltration (I&I) is defined as groundwater and stormwater entering the sewer system. A main contributor to I&I is cross-connected systems, which occur when a storm drain is directly connected to the sanitary sewer system. The additional flows from these connections can have a negative impact on the sanitary sewer system and raise costs for the City's wastewater treatment facilities.

Discussion:

The project will eliminate several storm drain-to-sanitary sewer cross connections at six locations as shown in the vicinity map below and install approximately 1,500 feet of new storm drain. The new storm drain lines will connect to existing storm drain systems in each area. The project was designed with in-house engineering staff.

Vicinity Map



Staff conducted a public bid for the 2024 Cross Connection Project and opened seven bids on February 15, 2024. M4 Engineering, LLC submitted the best bid pursuant to the requirements established in Nevada Revised Statute (NRS) Chapter 338.

M4 Engineering, LLC is a local General Contractor licensed in Nevada.

Table 1 – Bid Summary

Bidder	Total Bid Price
Engineer's Estimate	\$1,795,819.70
M4 Engineering, LLC	\$1,149,213.08
Gerhardt & Berry Construction, Inc.	\$1,472,008.00
Sierra Nevada Construction, Inc.	\$1,564,007.00
F.W. Carson Co.	\$1,615,332.80
Spanish Springs Construction, Inc.	\$1,676,604.00
Far Construction Corporation dba Resource Development Company	\$1,792,832.00
Menichino Construction	\$1,961,281.53

The Engineer's estimate was based on recent projects of similar scope and complexity.

Staff recommends awarding the contract to M4 Engineering, LLC for the 2024 Cross Connection Project for \$1,269,213.08, which includes a \$120,000 contingency for unforeseen items encountered during construction.

Table 2 – Recommended Bid Award

Cross Connection (Base Bid)	\$1,149,213.08
Contingency	\$120,000
Bid Award	\$1,269,213.08

The consequences of not awarding this bid today will result in continued excess costs for the City's wastewater treatment facilities.

Financial Implications:

This project is included in the fiscal year (FY) 23/24 Capital Improvement Plan (CIP) and funds are available in the Sewer Fund.

Legal Implications:

This Contract was competitively bid in accordance with Chapter 338 of NRS. NRS 338.147 provides that a local government shall award a contract for a public work for which the estimated cost exceeds \$250,000 to the contractor who submits the best bid pursuant to the requirements of the chapter. M4 Engineering, LLC maintains the proper license to perform the project and submitted the best bid pursuant to State Law.

Recommendation:

Staff recommends Council award the contract to M4 Engineering, LLC for the 2024 Cross Connection Project in the amount of \$1,269,213.08 and authorize the Mayor to sign the contract.

Proposed Motion:

I move to approve staff recommendation.

Attachments:

M4_Engineering_Contract_SR (PDF)