



City of Grand Island

Tuesday, September 9, 2014

Council Session

Item G-22

#2014-279 - Approving Authorization for Emergency Sanitary Sewer Repairs in the Alley between Park Avenue & Grand Island Avenue from Prospect Street to Forrest Street

Staff Contact: John Collins, P.E. - Public Works Director

Council Agenda Memo

From: Marvin Strong PE, Wastewater Plant Engineer

Meeting: September 9, 2014

Subject: Approving Authorization for Emergency Sanitary Sewer Repairs in the alley between Park Avenue & Grand Island Avenue; From Prospect Street to Forrest Street

Item #'s: G-22

Presenter(s): John Collins PE, Public Works Director

Background

Emergency sanitary sewer repairs were needed for a sanitary sewer mainline in the alley between Park Avenue & Grand Island Avenue; From Prospect Street to Forrest Street.

During Fiscal Year 2012/2013 there was one emergency sanitary sewer repair on the west end of Seedling Mile Access Road (part of the North Interceptor), with a cost of \$63,192.94.

Thus far for Fiscal Year 2013/2014 there have been nine (9) sanitary sewer collapses in the collection system.

- East end of 7th Street/4th Street/Sky Park Road (part of the North Interceptor) - \$59,462.96
- Sycamore Street (in the street between 21st Street & 22nd Street) - \$71,570.56
- Sycamore Street (in alley between 21st Street & 22nd Street) - \$16,194.17
- Sycamore Street (in alley between 21st Street & 22nd Street – \$2,500.00 - Approximate cost of this repair, which requires slip lining due to a crack in the line. Johnson TV has been contacted for such work, as City staff doesn't have the ability to cut out the necessary tap in the line – this work has not been done as of yet
- Koenig Street, from Sycamore Street to Pine Street - \$12,186.99
- Lift Station No. 20 Forcemain (Langenheder Street) - \$16,000.00
- Christian School at the northeast corner of State Street & Huston Avenue - \$26,164.12
- Alley between Custer Avenue & Howard Avenue; from College Street to Forrest Street - \$29,570.96
- **Alley between Park Avenue & Grand Island Avenue; from Prospect Street to Forrest Street - \$37,425.00 (Mid-Lands Contracting four (4) point repairs - \$7,300.00)*

Actual costs of \$275,874.76 to date, with an approximate cost of \$2,500.00 for the final Sycamore Street alley repair, equates to a total cost of \$278,374.76 for Fiscal Year 2013/2014.

Discussion

The Diamond Engineering Company of Grand Island, Nebraska was hired by providing a quote of \$51,560.00 to effect the necessary emergency repairs. Two other contractors were contacted to solicit quotes from; Van Kirk Bros. Contracting of Sutton, Nebraska provided a quote of \$102,196.00 and O'Hara Plumbing of Grand Island, Nebraska whom stated they were not available to do the repair.

The Diamond Engineering Co. will be paid the repair cost of \$37,425.00, which is based on actual time and materials incorporated into the repair work. Since the total is over \$20,000.00 council approval is necessary. We are requesting permission to use the emergency procurement procedures as outlined in Section 27-13 of the City Code.

Summary of total costs included in this repair are shown in the following table.

<i>Vendor</i>	<i>Item</i>	<i>Price</i>
The Diamond Engineering Co.		
	Sewer Repair	\$37,425.00
Grand Total		\$37,425.00

*

In addition to this work performed by The Diamond Engineering Co. a purchase order in the amount of \$7,300.00 was issued to Mid-Lands Construction for four (4) point repairs using Cured In Place (CIPP) technology. This technology eliminates the amount of excavation, dewatering and restoration that normally accommodates point repairs. This is a proactive approach to addressing the wastewater infrastructure needs. A reactive approach on this type of repair could easily cost \$50,000.00 to \$100,000.00.

Alternatives

It appears that the Council has the following alternatives concerning the issue at hand. The Council may:

1. Move to approve
2. Refer the issue to a Committee
3. Postpone the issue to future date
4. Take no action on the issue

Recommendation

City Administration recommends that the Council approve usage of the City's Emergency Procurement Procedures and pass a resolution authorizing payment of the vendors listed with the corresponding amounts for the necessary sanitary sewer repairs.

Sample Motion

Move to approve the usage of the City's Emergency Procurement Procedures and authorize payment of the vendors listed with the corresponding amounts for the necessary sanitary sewer repairs.

RESOLUTION 2014-279

WHEREAS, the Wastewater Division of the Public Works Department needed to perform an emergency sanitary sewer repair in the alley between Park Avenue & Grand Island Avenue; from Prospect Street to Forrest Street; and

WHEREAS, permission is requested to use the emergency procurement procedures as outlined in Section 27-13 of the City Code; and

WHEREAS, The Diamond Engineering Co. of Grand Island, Nebraska has been hired to do said repairs, with a quote of \$51,560.00; and

WHEREAS, two other contractors were contacted to solicit quotes from; Van Kirk Bros. Contracting of Sutton, Nebraska provided a quote of \$102,196.00 and O'Hara Plumbing of Grand Island, Nebraska whom stated they were not available to do the repair; and

WHEREAS, such repairs consisted of the following expenses:

<i>Vendor</i>	<i>Item</i>	<i>Price</i>
The Diamond Engineering Co.		
	Sewer Repair	\$37,425.00
Grand Total		\$37,425.00

NOW, THEREFORE, BE IT RESOLVED BY THE MAYOR AND COUNCIL OF THE CITY OF GRAND ISLAND, NEBRASKA, that the sanitary sewer repair in the alley between Park Avenue & Grand Island Avenue; from Prospect Street to Forrest Street, in the total amount of \$37,425.00 is hereby approved; with payments detailed herein to the vendor listed with the corresponding amounts.

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Adopted by the City Council of the City of Grand Island, Nebraska, September 9, 2014.

Jay Vavricek, Mayor

Attest:

RaNae Edwards, City Clerk

Approved as to Form	☐ _____
September 5, 2014	☐ City Attorney