



City of Grand Island

Tuesday, May 24, 2022

Council Session

Item G-11

**#2022-142 - Approving Certificate of Final Completion for
Sanitary Sewer Rehabilitation- Various Locations; Project No.
2021-S-12**

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

Council Agenda Memo

From: Keith Kurz PE, Assistant Public Works Director
Meeting: May 24, 2022
Subject: Approving Certificate of Final Completion for Sanitary Sewer Rehabilitation- Various Locations; Project No. 2021-S-12
Presenter(s): John Collins PE, Public Works Director

Background

The Diamond Engineering Company of Grand Island, Nebraska was awarded a \$172,213.20 contract on December 28, 2021, via Resolution No. 2021-366, for Sanitary Sewer Rehabilitation- Various Locations; Project No. 2021-S-12.

Public Works is taking a proactive approach in rehabilitating sanitary sewer throughout the City to avoid failures. This project fixed known pipe breaks on sewer mains in difficult to access locations. The first part of the engineering work was for investigation and conceptual design. Various alternatives such as open cut repairs or pipe lining solutions were looked at to fix known issues. Existing conditions of the pipe with video inspections, local site conditions, and property owners were reviewed and evaluated.

Discussion

The project was completed in accordance with the terms, conditions, and stipulations of the contract, plans and specifications. Construction was completed for a total cost of \$135,327.35. Additional project costs are shown below.

ADDITIONAL COSTS

City of Grand Island- PW Engineering	Engineering Services	\$ 5,504.21
Grand Island Independent	Advertising	\$ 105.08

Total Additional Costs= \$ 5,609.29

Total project cost is \$140,936.64.

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 the Certificate of Final Completion for Sanitary Sewer Rehabilitation- Various Locations; Project No. 2021-S-12.

Sample Motion

Move to approve the Certificate of Final Completion.

ENGINEER'S CERTIFICATE OF FINAL COMPLETION

Sanitary Sewer Rehabilitation- Various Locations; Project No. 2021-S-12
 CITY OF GRAND ISLAND, NEBRASKA
 May 24, 2022

TO THE MEMBERS OF THE COUNCIL
 CITY OF GRAND ISLAND
 GRAND ISLAND, NEBRASKA

This is to certify that Sanitary Sewer Rehabilitation- Various Locations; Project No. 2021-S-12 has been fully completed by The Diamond Engineering Company of Grand Island, Nebraska under the contract awarded December 28, 2021. The work has been completed in accordance with the terms, conditions, and stipulations of said contract and complies with the contract, the plans and specifications. The work is hereby accepted for the City of Grand Island, Nebraska, by me as Public Works Director in accordance with the provisions of Section 16-650 R.R.S., 1943.

Item No.	Description	Total Quantity	Unit	Unit Price	Total Cost
BASE BID- PIPE REPAIR 22575					
1	MOBILIZATION/DEMobilIZATION	1.00	LS	\$ 2,500.00	\$ 2,500.00
2	SANITARY SEWER REPAIR- TYPE 1	1.00	EA	\$ 9,000.00	\$ 9,000.00
3	REMOVE AND REPLACE 8" CONCRETE PAVEMENT	72.00	SY	\$ 125.60	\$ 9,043.20
Base Bid Total=					\$ 20,543.20

ADD ALTERNATE "B"- PIPE 21873					
1	MOBILIZATION/DEMobilIZATION	2.00	LS	\$ 1,700.00	\$ 3,400.00
2	SANITARY SEWER REPAIR- TYPE 2	2.00	EA	\$ 7,900.00	\$ 15,800.00
3	SUPPLEMENT GRAVEL IN ALLEY	98.30	TON	\$ 34.50	\$ 3,391.35
CO1-1	SANITARY SEWER REPAIR- TYPE 3	1.00	EA	\$ 9,965.00	\$ 9,965.00
CO1-2	REMOVE AND REPLACE 8" CONCRETE PAVEMENT	18.00	SY	\$ 125.60	\$ 2,260.80
Add Alternate "B" Total=					\$ 34,817.15

ADD ALTERNATE "C"- PIPE REPAIR 21871					
1	MOBILIZATION/DEMobilIZATION	0.00	LS	\$ 1,500.00	\$ -
2	SANITARY SEWER REPAIR - TYPE 2	0.00	EA	\$ 7,900.00	\$ -
3	SANITARY SEWER REPAIR- TYPE 3	0.00	EA	\$ 9,965.00	\$ -
4	SUPPLEMENT GRAVEL IN ALLEY	0.00	TON	\$ 34.50	\$ -
Add Alternate "C" Total=					\$ -

ADD ALTERNATE "D"- PIPE REPAIR 20914					
1	MOBILIZATION/DEMOBILIZATION	1.00	LS	\$ 2,000.00	\$ 2,000.00
2	SANITARY SEWER REPAIR- TYPE 3	1.00	EA	\$17,535.00	\$ 17,535.00
3	SUPPLEMENT GRAVEL IN ALLEY	10.00	TON	\$ 34.50	\$ 345.00
4	DEWATERING	1.00	LS	\$22,935.00	\$ 22,935.00
Add Alternate "D" Total=					\$ 42,815.00

ADD ALTERNATE "E"- PIPE REPAIR 20911					
1	MOBILIZATION/DEMOBILIZATION	1.00	LS	\$ 2,300.00	\$ 2,300.00
2	SANITARY SEWER REPAIR- TYPE 3	1.00	EA	\$ 22,820.00	\$ 22,820.00
3	SITE RESTORATION	2,560.00	SF	\$ 4.70	\$ 12,032.00
Add Alternate "D" Total=					\$ 37,152.00

Total Project Cost= \$ 135,327.35

Additional Costs:

City of Grand Island- PW Engineering	Engineering Services	\$ 5,504.21
Grand Island Independent	Advertising	\$ 105.08

Total Additional Costs= \$ 5,609.29

Total Project Cost=	\$140,936.64
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I hereby recommend that the Engineer's Certificate of Final Completion for Sanitary Sewer Rehabilitation- Various Locations; Project No. 2021-S-12 be approved.

John Collins – City Engineer/Public Works Director

Roger G. Steele – Mayor

RESOLUTION 2022-142

WHEREAS, the City Engineering/Public Works Director for the City of Grand Island issued a Certificate of Final Completion for Sanitary Sewer Rehabilitation- Various Locations; Project No. 2021-S-12 certifying that The Diamond Engineering Company of Grand Island, Nebraska, under contract, has completed such project for the total construction amount of \$135,327.35; and

WHEREAS, the City Engineer/Public Works Director recommends the acceptance of the project; and

WHEREAS, additional project costs equate to \$5,609.29, as shown

ADDITIONAL COSTS

City of Grand Island- PW Engineering	Engineering Services	\$ 5,504.21
Grand Island Independent	Advertising	\$ 105.08
		\$ 5,609.29

WHEREAS, the Mayor concurs with the recommendation of the City Engineer/Public Works Director.

NOW, THEREFORE, BE IT RESOLVED BY THE MAYOR AND COUNCIL OF THE CITY OF GRAND ISLAND, NEBRASKA, that the Certificate of Final Completion for Sanitary Sewer Rehabilitation- Various Locations; Project No. 2021-S-12, in the total amount of \$140,936.64 is hereby confirmed.

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Adopted by the City Council of the City of Grand Island, Nebraska, May 24, 2022.

Roger G. Steele, Mayor

Attest:

RaNae Edwards, City Clerk

Approved as to Form	☐ _____
May 23, 2022	☐ City Attorney