



City of Grand Island

Tuesday, February 22, 2022

Council Session

Item G-11

#2022-47 - Approving Certificate of Final Completion for Sanitary Sewer Rehabilitation- Various Locations; Project No. 2020-S-8

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

Council Agenda Memo

From: Keith Kurz PE, Assistant Public Works Director

Meeting: February 22, 2022

Subject: Approving Certificate of Final Completion for Sanitary Sewer Rehabilitation- Various Locations; Project No. 2020-S-8

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

Background

The Diamond Engineering Company of Grand Island, Nebraska was awarded a \$231,825.32 contract on April 27, 2021, via Resolution No. 2021-101, for Sanitary Sewer Rehabilitation- Various Locations; Project No. 2020-S-8.

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 \$230,075.31. Additional project costs are shown below.

ADDITIONAL COSTS

| | | |
|--------------------------------------|----------------------|--------------|
| City of Grand Island- PW Engineering | Engineering Services | \$ 8,525.78 |
| JEO Consulting Group, Inc. | Engineering Services | \$ 73,445.00 |
| Grand Island Independent | Advertising | \$ 93.37 |
| | | \$ 82,064.15 |

Total project cost is \$312,139.46.

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. 2020-S-8.

Sample Motion

Move to approve the Certificate of Final Completion.

ENGINEER'S CERTIFICATE OF FINAL COMPLETION

Sanitary Sewer Rehabilitation- Various Locations; Project No. 2020-S-8
 CITY OF GRAND ISLAND, NEBRASKA
 February 22, 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. 2020-S-8 has been fully completed by The Diamond Engineering Company of Grand Island, Nebraska under the contract awarded April 27, 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 |
|-------------------------------------|-----------------------|----------------|------|-------------|---------------------|
| GROUP "A"- PIPE REPAIR 22930 | | | | | |
| 1 | MOBILIZATION | 1.00 | LS | \$ 3,899.35 | \$ 3,899.35 |
| 2 | SANITARY SEWER REPAIR | 1.00 | LS | \$16,111.41 | \$ 16,111.41 |
| 3 | SITE RESTORATION | 1.00 | LS | \$24,238.02 | \$ 24,238.02 |
| 4 | DEWATERING | 1.00 | LS | \$27,517.02 | \$ 27,517.02 |
| Group "A" Total= | | | | | \$ 71,765.80 |

| | | | | | |
|-------------------------------------|-----------------------|------|----|-------------|---------------------|
| GROUP "B"- PIPE REPAIR 22083 | | | | | |
| 1 | MOBILIZATION | 1.00 | LS | \$ 3,146.07 | \$ 3,146.07 |
| 2 | SANITARY SEWER REPAIR | 1.00 | LS | \$12,433.61 | \$ 12,433.61 |
| 3 | SITE RESTORATION | 1.00 | LS | \$19,984.18 | \$ 19,984.18 |
| 4 | DEWATERING | 1.00 | LS | \$25,983.86 | \$ 25,983.86 |
| Group "B" Total= | | | | | \$ 61,547.72 |

| | | | | | |
|-------------------------------------|-----------------------|------|----|-------------|---------------------|
| GROUP "C"- PIPE REPAIR 21049 | | | | | |
| 1 | MOBILIZATION | 1.00 | LS | \$ 1,949.68 | \$ 1,949.68 |
| 2 | SANITARY SEWER REPAIR | 1.00 | LS | \$14,595.98 | \$ 14,595.98 |
| 3 | SITE RESTORATION | 1.00 | LS | \$ 7,940.50 | \$ 7,940.50 |
| 4 | DEWATERING | 1.00 | LS | \$24,503.88 | \$ 24,503.88 |
| Group "C" Total= | | | | | \$ 48,990.04 |

| GROUP "D"- PIPE REPAIR 22091 | | | | | |
|-------------------------------------|-----------------------|------|----|-------------|---------------------|
| 1 | MOBILIZATION | 1.00 | LS | \$ 3,411.93 | \$ 3,411.93 |
| 2 | SANITARY SEWER REPAIR | 1.00 | LS | \$12,655.17 | \$ 12,655.17 |
| 3 | SITE RESTORATION | 1.00 | LS | \$ 8,817.85 | \$ 8,817.85 |
| 4 | DEWATERING | 1.00 | LS | \$24,636.81 | \$ 24,636.81 |
| Group "D" Total= | | | | | \$ 49,521.76 |

| LIQUIDATED DAMAGES | | | | | |
|----------------------------------|--------------|-------|----|-----------|----------------------|
| LD-1 | MOBILIZATION | -7.00 | LS | \$ 250.00 | \$ (1,750.00) |
| Liquidated Damages Total= | | | | | \$ (1,750.00) |

Total Project Cost= \$ 230,075.31

Additional Costs:

| | | |
|--------------------------------------|----------------------|--------------|
| City of Grand Island- PW Engineering | Engineering Services | \$ 8,525.78 |
| JEO Consulting Group, Inc. | Engineering Services | \$ 73,445.00 |
| Grand Island Independent | Advertising | \$ 93.37 |

Total Additional Costs= \$ 82,064.15

| | |
|----------------------------|---------------------|
| Total Project Cost= | \$312,139.46 |
|----------------------------|---------------------|

I hereby recommend that the Engineer's Certificate of Final Completion for Sanitary Sewer Rehabilitation- Various Locations; Project No. 2020-S-8 be approved.

John Collins – City Engineer/Public Works Director

Roger G. Steele – Mayor

RESOLUTION 2022-47

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. 2020-S-8 certifying that The Diamond Engineering Company of Grand Island, Nebraska, under contract, has completed such project for the total construction amount of \$230,075.31; and

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

WHEREAS, additional project costs equate to \$82,064.15, as shown

ADDITIONAL COSTS

| | | |
|--------------------------------------|----------------------|--------------|
| City of Grand Island- PW Engineering | Engineering Services | \$ 8,525.78 |
| JEO Consulting Group, Inc. | Engineering Services | \$ 73,445.00 |
| Grand Island Independent | Advertising | \$ 93.37 |
| | | \$ 82,064.15 |

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. 2020-S-8, in the amount of \$312,139.46 is hereby confirmed.

Adopted by the City Council of the City of Grand Island, Nebraska, February 22, 2022.

Roger G. Steele, Mayor

Attest:

Jill Granere, Deputy City Clerk

Approved as to Form ▣ _____
February 17, 2022 ▣ City Attorney