



# City of Grand Island

Tuesday, December 17, 2019

Council Session

## Item G-16

**#2019-366 - Approving Certificate of Final Completion for Final Clarifier No. 3 Rehabilitation; Project No. 2019-WWTP-2**

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

# **Council Agenda Memo**

**From:** Jon Menough PE, Wastewater Plant Engineer  
**Meeting:** December 17, 2019  
**Subject:** Approving Certificate of Final Completion for Final Clarifier No. 3 Rehabilitation; Project No. 2019-WWTP-2  
**Presenter(s):** John Collins PE, Public Works Director

## **Background**

Fab Tech Wastewater Solution, LLC of O'Fallon, Missouri was awarded a \$157,000.00 contract on March 26, 2019, via Resolution No. 2019-113, for Final Clarifier No. 3 Rehabilitation; Project No. 2019-WWTP-2.

This project involves the rehabilitation of Final Clarifier No. 3, which consists of labor and installation of parts procured, and painting of both existing and new clarifier components.

## **Discussion**

The project was completed in accordance with the terms, conditions, and stipulations of the contract, plans and specifications. Construction was completed on budget, for a total cost of \$157,000.00, with Public Works Engineering staff costs of \$18,477.14, resulting in a total project cost of \$175,477.14.

## **Alternatives**

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

1. Move to approve a resolution authorizing the Certificate of Final Completion.
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 Final Clarifier No. 3 Rehabilitation; Project No. 2019-WWTP-2.

## **Sample Motion**

Move to approve the Certificate of Final Completion for Final Clarifier No. 3 Rehabilitation; Project No. 2019-WWTP-2.

**ENGINEER’S CERTIFICATE OF FINAL COMPLETION**

Final Clarifier No. 3 Rehabilitation; Project No. 2019-WWTP-2  
CITY OF GRAND ISLAND, NEBRASKA

December 17, 2019

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

This is to certify that Final Clarifier No. 3 Rehabilitation; Project No. 2019-WWTP-2 has been fully completed by Fab Tech Wastewater Solutions, LLC of O’Fallon, Missouri under the contract awarded March 26, 2019. 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.

**Base Bid-**

Item No.	Description	Total Quantity	Unit	Unit Price	Total Cost
1	Clarifier No. 3 Rehabilitation	1.00	LS	\$ 157,000.00	\$ 157,000.00

**Total Base Bid Section = \$157,000.00**

**Additional Costs-**

Grand Island Public Works Department	Construction Engineering	\$18,477.14
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**Total Additional Costs= \$18,477.14**

**Total Project Costs= \$175,477.14**

I hereby recommend that the Engineer’s Certificate of Final Completion for Final Clarifier No. 3 Rehabilitation; Project No. 2019-WWTP-2 certifying that Fab Tech Wastewater Solutions, LLC of O’Fallon, Missouri be approved.

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John Collins – City Engineer/Public Works Director

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Roger G. Steele – Mayor

# CLARIFIER COMPONENTS

FINAL CLARIFICATION  
 CONSTRUCTED - 1977  
 RETROFITTED TOW-BRO - 2005

MECHANISM REMOVED  
 READY FOR NEW  
 COMPONENTS

1. WASTE ACTIVATED SLUDGE PIT
2. INFLUENT FLOW CHANNEL
3. RETURN ACTIVATED SLUDGE (RAS)

TYPES OF WEAR IN CLARIFIERS

- COATING SYSTEM PEELING
- WATER CORROSION
- DIELECTRIC CORROSION
- METAL FATIGUE

CENTER MECHANISM DISTRIBUTER (CMD)

CENTER COLUMN

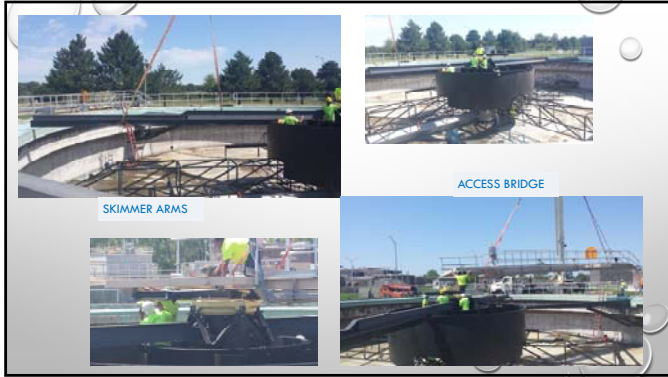
ROTATING CAGE WITH SUCTION MANIFOLD

ROTATING CAGE ATTACHMENT TO GEAR BOX

TRUSS SUPPORTS

FEED WELL

ENERGY DISSIPATING INLET





FINAL  
CLARIFICATION  
NO. 3



RESOLUTION 2019-366

WHEREAS, the City Engineer/Public Works Director issued a Certificate of Final Completion for Final Clarifier No. 3 Rehabilitation; Project No. 2019-WWTP-2 certifying that Fab Tech Wastewater Solutions, LLC of O'Fallon, Missouri under contract, has completed such for the total amount of \$157,000.00; and

WHEREAS, with Public Works Engineering staff costs of \$18,477.14, resulted in a total project cost of \$175,477.14; and

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

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 Final Clarifier No. 3 Rehabilitation; Project No. 2019-WWTP-2 is hereby confirmed for the total amount of \$175,477.14.

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Adopted by the City Council of the City of Grand Island, Nebraska, December 17, 2019.

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Roger G. Steele, Mayor

Attest:

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RaNae Edwards, City Clerk

Approved as to Form	☐ _____
May 9, 2017	☐ City Attorney