

**AGENDA ITEM**  
October 20, 2015

Subject: Wastewater Collection System Improvements Project Construction Agreement Amendment 2

Department: Administration

The City of Nevada has employed Rosetta Construction, LLC, of Springfield, MO, to construct improvements to our waste water collection system. The attached amendment includes three changes to their construction agreement - changing the piping used on a section of the south interceptor line, relocating a manual transfer switch at the industrial park lift station, and raising the manhole rims in low lying areas of the Tower Street interceptor line. Details are included in the attached letter. This change will result in a net increase of \$19,509 to the construction agreement. This project is funded by an SRF loan from the Missouri DNR. Our consulting engineer, Allgeier, Martin & Associates has recommended these changes, and the DNR has given approval. This ordinance will approve the attached change order.

**BILL NO. 2015-056**

**ORDINANCE NO. 8075**

**A SPECIAL ORDINANCE OF THE CITY OF NEVADA, MISSOURI AUTHORIZING THE EXECUTION OF CHANGE ORDER NO. 2 TO AN AGREEMENT WITH ROSETTA CONSTRUCTION, LLC, OF SPRINGFIELD, MISSOURI**

**BE IT ORDAINED BY THE CITY COUNCIL OF THE CITY OF NEVADA, MISSOURI, THAT:**

**Section 1.** The amendment to the agreement for construction services between the City of Nevada and Rosetta Construction, LLC, of Springfield, MO, attached hereto as Exhibit "A" and incorporated herein by reference is hereby approved.

**Section 2.** The City Manager is hereby authorized and directed to execute on behalf of the City of Nevada the attached documents relating to the Wastewater Collection System Improvements Project.

**Section 3.** This ordinance shall be in full force and effect after its passage.

**PASSED, APPROVED AND ADOPTED** by the City Council of the City of Nevada, Missouri, this 3<sup>rd</sup> day of November, 2015.

(seal)  
ATTEST:

\_\_\_\_\_  
Brian L. Leonard, Mayor

\_\_\_\_\_  
Bev Baker, City Clerk



**CHANGE ORDER NO. 2**

September 22, 2015

Rosetta Construction, LLC  
 P.O. Box 14024  
 Springfield, Missouri, 65814

Re: Interceptor Sewer Improvements  
 Nevada, Missouri  
 Project Number C295698-01

Gentlemen:

The following changes are hereby incorporated into your contract with the City of Nevada, MO, for the above referenced project.

1. Background: Part of the scope of work for this project is to replace the existing gravity sanitary sewer carrier pipe that is located within an existing steel casing pipe crossing underneath the existing railroad tracks. Measurements were recently taken of the diameter of the existing casing pipe. There was some concern that the diameter of the existing steel casing pipe was smaller than anticipated. Field personal are unable to see through the casing pipe until the existing carrier pipe is removed and then it is too late if they find any sags or deflections in the casing pipe to change out the type of the proposed new carrier pipe. Utilizing a “no-bell” pipe that requires less room inside the existing casing pipe in this situation would allow much more flexibility in actually being able to adequately fit the new carrier pipe through the casing pipe. Once efforts are started to remove the existing carrier pipe, bypass pumping must begin and continue until the new carrier pipe is in place. The existence of a smaller steel casing pipe or any sags or deflections in the casing pipe may result in a situation where ordering and obtaining a “no-bell” pipe would be several weeks out in arriving on the job site and result in the need to provide continuous bypass pumping for that entire time. This would could possibly lead to additional costs for the pumping as well as raise some concern with containing the sewage for such an extended period without incident.

Cost Breakdown: The Rosetta Construction contract will be revised to utilize “no-bell” pipe for the gravity sewer carrier pipe within the existing railroad casing pipe. The additional cost to utilize the “no-bell” carrier pipe is \$50/LF.

<u>Item No.</u>	<u>No. of Units Add/Subtract</u>	<u>Revised Quantity</u>	<u>Item Description</u>	<u>Unit Price</u>	<u>Total Addition/Deletion- Dollars</u>
25	(118) LF	0 LF	27" Dia. Sewer Pipe Installation Within Existing Casing at Railroad Crossing	\$125.00	\$(14,750.00)
*25-A	118 LF	118 LF	27" Dia. "No Bell" Sewer Pipe Installation Within Existing Casing at Railroad Crossing	\$175.00	<u>\$20,650.00</u>
Total Addition/Subtraction					\$5,900.00

\*Denotes new contract item.

2. Background: As part of the North Industrial Park Lift Station Improvements, Alliance Water Resources personnel has requested that the manual transfer switch for the portable generator be moved closer to the southern entrance gate instead of being located within the lift station fencing. Moving the manual transfer switch closer to the southern entrance gate allows for the portable generator to be connected and put into service without requiring the trailer to be backed into the lift station site. This will require that the City/Alliance Water install the secondary electrical feed from the new manual transfer switch location to the lift station control panel.

Cost Breakdown: The Rosetta Construction contract will be revised as follows:

<u>Item No.</u>	<u>No. of Units in Contract</u>	<u>Change Order 1 Unit Price</u>	<u>Item Description</u>	<u>New Unit Price</u>	<u>Total Addition/Deletion- Dollars</u>
41	\$2,885.00	\$105,447.00	Construction of all Lift Station Improvements	\$108,332.00	\$2,885.00

3. Background: The Contractor has recently cleared the existing south interceptor and Tower Street interceptor sewer line routes and exposed areas concerning proposed manhole rim elevations and proposed sewer line pipe cover depth. Due to the continuing concern of the elevation of the proposed manhole rim elevations adjacent to the existing storm water ditches, it is proposed that the manhole rims 4A, 5A, 6A, 7A, 8A, 9A, 10A, 11A, 22A, 1B, 2B, 6B, 8B, 9B, 11B, & 13B, be raised two (2) feet and manhole rims 12A, 4B, 5B, 15B, & 16B, be raised one (1) foot in these low lying areas. Furthermore, the continual scouring of existing storm water ditches has identified areas where the proposed sewer line should receive additional concrete encasement in order to protect the pipe after construction.

Cost Breakdown: The Rosetta Construction Contract will be revised as follows:

<u>Item No.</u>	<u>No. of Units Add/Subtract</u>	<u>Revised Quantity</u>	<u>Item Description</u>	<u>Unit Price</u>	<u>Total Addition/Deletion- Dollars</u>
24	90 L.F.	208 L.F.	Plain Concrete Encasement of 12" Dia. Gravity Sewer	\$40.00	\$3,600.00
32	37.0 FT	181.9 FT	Type I, 48" Dia. Manhole Extra Depth, Complete & In Place	\$125.00	\$4,625.00
42	21 V.F.	198 V.F.	Installation of Interior Epoxy Coating System for 48" Dia. MH's	\$119.00	<u>\$2,499.00</u>
Total Addition/Subtraction					\$10,724.00

Original Contract Amount	\$1,996,880.00
Change Order No. 1 Amount	\$45,424.55
Total All Items, This Change Order No. 2	<u>\$19,509.00</u>

**REVISED CONTRACT AMOUNT                    \$2,061,813.55**

September 22, 2015  
Change Order Number 2  
Nevada Sewer Improvements  
Project Number C295698-01  
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This change order constitutes full and mutual accord and satisfaction for all time and all costs related to these changes. By acceptance of this change order, the Contractor agrees that the change order represents an equitable adjustment to the contract, and further agrees to waive all rights to file a claim arising out of a result of these changes.

APPROVED BY THE OWNER  
CITY OF NEVADA, MISSOURI

APPROVED BY THE ENGINEER  
ALLGEIER, MARTIN & ASSOCIATES, INC.

By: \_\_\_\_\_

By:  \_\_\_\_\_

Date: \_\_\_\_\_

Date: 9/30/15 \_\_\_\_\_

APPROVED BY THE CONTRACTOR  
ROSETTA CONSTRUCTION, LLC.

By:  \_\_\_\_\_

Date: 9/30/15 \_\_\_\_\_