

# **City of Scottsbluff, Nebraska**

**Monday, April 20, 2020**

**Regular Meeting**

## **Item Bids1**

**Council to discuss and consider action on awarding the bid for the Water and Wastewater Utility Relocations for the Scottsbluff Pathway Project to Infinity Construction in the amount of \$368,041.00.**

**Staff Contact: Mark Bohl, Public Works Director**

# Agenda Statement

Meeting Date: April 20, 2020

**AGENDA TITLE:** Council to consider awarding the bid for the Water and Wastewater Utility Relocations for the Scottsbluff Pathway Project to Infinity Construction in the amount of \$368,041.00.

**SUBMITTED BY DEPARTMENT/ORGANIZATION:** Public Works

**PRESENTATION BY:** Rick Kuckkahn, Interim City Manager

**SUMMARY EXPLANATION:** One bid was received for relocating the water and wastewater mains at Highway 26 between Avenue B and 5<sup>th</sup> Avenue for the Scottsbluff Pathway Project.

## Wastewater

|                                    |                                     |
|------------------------------------|-------------------------------------|
| Budget Recommendation (April-2019) | \$113,650.00 (construction portion) |
| Engineer's Current Estimate        | \$174,320.00                        |
| Infinity Construction              | \$282,681.00                        |
| Overbudget                         | \$169,031.00                        |

Contingency funds budgeted for Wastewater are \$600,000. Council may consider approval of the project for wastewater utilizing contingency funds in the amount of \$169,031.00. Due to the proximity to the Scotts Bluff Drain, dewatering and soil stabilization contribute to this additional cost. It should be noted that if the need for dewatering and soil stabilization are less than anticipated, the cost will decrease accordingly.

## Water

|                                    |                                     |
|------------------------------------|-------------------------------------|
| Budget Recommendation (April-2019) | \$105,900.00 (construction portion) |
| Engineer's Current Estimate        | \$ 71,600.00                        |
| Infinity Construction              | \$ 85,360.00                        |
| Under budget                       | \$ 20,540.00                        |

M.C. Schaff & Associates have prepared a Bid Tabulation and Letter of Recommendation that includes detail regarding the cost differences between the Engineer's Estimate and actual bid. They recommend that Council award the contract to Infinity Construction for a combined total of \$368,041.00.

## **BOARD/COMMISSION RECOMMENDATION:**

**STAFF RECOMMENDATION:** Council to direct staff on how they want to proceed with the utility relocations which includes awarding this project to Infinity Construction for a Water and Wastewater combined total of \$368,041.00 and use of Wastewater contingency funds in the amount of \$169,031.00 to cover the additional cost.

---

## **EXHIBITS**

Resolution ☐      Ordinance ☐      Contract ☐      Minutes ☐      Plan/Map ☐  
Please provide all visual presentation materials.

Other (specify) ☒ Bid Tabulation and Letter of Recommendation

**NOTIFICATION LIST:** Yes ☐    No ☐    Further Instructions ☐

---

City of Scottsbluff  
Office of the City Manager

Effective date: January 20, 2017

March 31, 2020

Honorable Mayor and City Council  
City of Scottsbluff  
2525 Circle Drive  
Scottsbluff, NE 69361

RE: Utility Relocations for Scottsbluff Pathway Project

Dear Mayor and City Council:

Bids were received and opened at 2:00 p.m. on March 24, 2020 at the offices of M.C. Schaff & Associates for the above referenced project. A total of one (1) bid was received. A copy of the bid tabulation sheet is attached for your review. The bid received was as follows:

|                             |                  |
|-----------------------------|------------------|
|                             | <u>Total Bid</u> |
| Infinity Construction, Inc. | \$368,041.00     |
| Engineer's Estimate         | \$245,920.00     |

A total of six contractors were notified by direct email regarding this project. However, only one contractor submitted a bid. A couple of the potential bidders indicated that they would not be bidding due to their current workload or that the project was beyond the capabilities of their company.

As you may recall, the same concerns developed when the sanitary sewer syphon project was bid three years ago which involved many of the same construction constraints as this project. Only one bid was received for that project as well.

Below is a breakdown of the project bid for both Sanitary Sewer and Water portions of the project. The bid from Infinity Construction is compared to both the Engineer's Estimate and the budget numbers from April of 2019.

|                | Bid (Infiinty) | Engineer's Estimate | Budget, April 2019 |
|----------------|----------------|---------------------|--------------------|
| Sanitary Sewer | \$282,681.00   | \$174,320.00        | \$113,650.00       |
| Water          | \$ 85,360.00   | \$ 71,600.00        | \$105,900.00       |
| Total          | \$368,041.00   | \$245,920.00        | \$219,550.00       |

As you can see from the table the water portion of the project came in over the Engineer's estimate by \$13,600 but still lower than the budgeted amount by \$20,540. The sanitary sewer portion of the project came in over the Engineer's Estimate by \$108,361 and over the budgeted amount by \$169,031. The engineer estimate was greater than the budgeted amount due to the amount of dewatering that was required once the design of the project was completed. It was anticipated during the development of the budget for the project that approximately 2-feet of groundwater would have to be dewatered before the project was constructed. Based upon the actual design 4-feet of groundwater will have to be accounted for during the project. This increased the Engineer's Estimate approximately \$60,000 over the budgeted amount.

Looking at the comparison of the bid from Infinity Construction to the Engineer's Estimate there are 5 items that came in significantly higher than the Engineer's Estimate. We have discussed these items with the Contractor. Below is a summary of each item and the reason that it exceeded the Engineer's Estimate.

**Mobilization** – The mobilization line item exceeded the Engineer's Estimate by \$15,000. Typically, the mobilization of the project is approximately 10% of the project costs. Therefore, the increase of \$15,000 is in line with the overall cost of the project.

**Abandon Sanitary Sewer Main** – This item is \$9,000 over the Engineer's Estimate. After discussions with the contractor we believe we can adjust the manner in which the abandonment of the Sanitary Sewer Main is accomplished and can reduce this amount down to the Engineer's Estimate.

**Dewatering** – This item exceeded the Engineer's Estimate by \$25,000. Due to the amount of dewatering and that dewatering is not a typical item on construction projects of this nature, Infinity Construction does not do this type of work and thus had to subcontract out the work to another company. Infinity did receive two bids for this item and they were both similar in scope and price. Based upon this fact we feel as though the increase in this line item is appropriate.

**15-Inch PVC Sanitary Sewer Main** – This item was \$70/LF more than the Engineer's Estimate for an increase of \$7,840. In discussions with the Contractor, this item is significantly more than the Engineer's Estimate due to all of the fiber optic lines that the Contractor is anticipating working around as part of this phase of the project.


**21-Inch PVC Sanitary Sewer Main** – This item was \$200/LF more than the Engineer's Estimate for an increase of \$58,800. In discussions with the Contractor, this item is significantly more than the Engineer's Estimate due to the following conditions: The contractor is going to have to have a different trench box due the proximity to the highway. This trench box is heavier and more expensive than a normal trench box and thus will take bigger equipment and more time to move it along the project. The Contractor is also anticipating having to bypass pump the existing flow in the 21-Inch Sanitary Sewer Main when he completes the tie ins on each end. The Contractor has agreed to change order the price of these items out of the project if they are not required but the Contractor felt as though he needed to cover himself for these items instead of asking for an increase in price if they were required.

Infinity Construction has completed several capital improvement projects such as the 42<sup>nd</sup> Street project and the Broadway Water main project. Infinity has also completed numerous emergency services projects for the City of Scottsbluff and has always submitted fair and reasonable bids for all of these projects.

Moving forward with these relocations are vitally necessary to accommodate construction of the pedestrian overpass that is part of the Monument Valley Pathway project that is scheduled to be let in May by the Nebraska Department of Transportation. Based upon all the above information we would recommend award of the contract to Infinity Construction in the amount of \$368,041.00. We will then work with Infinity Construction to itemize the areas of concern and change order the work items that may or may not be necessary to complete the project.

Sincerely,

FOR THE FIRM OF  
M.C. SCHAFF & ASSOCIATES, INC.



Donald J. Dye, P.E.

| Utility Relocations for Scottsbluff Pathway Project<br>City of Scottsbluff<br>Bid Date: March 24, 2020 @ 2:00 pm Mountain Time |                                |      |          | Infinity Construction<br>522 5th Avenue<br>Scottsbluff, NE 69361 |                      | Engineers Estimate |                      |
|--|--------------------------------|------|----------|--|----------------------|--------------------|----------------------|
| No.  | Description                    | Unit | Quantity | Unit Cost  | Total                | Unit Cost          | Total                |
| 1  | Mobilization                   | LS   | 1        | \$ 40,000.00   | \$ 40,000.00         | \$ 25,000.00       | \$ 25,000.00         |
| 2  | Dewatering                     | EA   | 1        | \$ 100,000.00  | \$ 100,000.00        | \$ 75,000.00       | \$ 75,000.00         |
| 3  | Remove Manhole                 | EA   | 5        | \$ 1,000.00  | \$ 5,000.00          | \$ 500.00          | \$ 2,500.00          |
| 4  | Abandon Sanitary Sewer Main    | LF   | 450      | \$ 30.00   | \$ 13,500.00         | \$ 10.00           | \$ 4,500.00          |
| 5  | 8-Inch PVC Sanitary Sewer      | LF   | 41       | \$ 41.00   | \$ 1,681.00          | \$ 60.00           | \$ 2,460.00          |
| 6  | 15-Inch PVC Sanitary Sewer     | LF   | 112      | \$ 150.00  | \$ 16,800.00         | \$ 80.00           | \$ 8,960.00          |
| 7  | 21-Inch PVC Sanitary Sewer     | LF   | 294      | \$ 300.00  | \$ 88,200.00         | \$ 100.00          | \$ 29,400.00         |
| 8  | 48-Inch Manhole                | EA   | 4        | \$ 5,000.00  | \$ 20,000.00         | \$ 5,000.00        | \$ 20,000.00         |
| 9  | 60-Inch Manhole                | EA   | 5        | \$ 6,000.00  | \$ 30,000.00         | \$ 6,000.00        | \$ 30,000.00         |
| 10   | Remove Existing Fire Hydrant   | EA   | 1        | \$ 1,000.00  | \$ 1,000.00          | \$ 1,000.00        | \$ 1,000.00          |
| 11   | 16-Inch PVC Water Main         | LF   | 160      | \$ 120.00  | \$ 19,200.00         | \$ 80.00           | \$ 12,800.00         |
| 12   | 6-Inch PVC Water Main          | LF   | 6        | \$ 60.00   | \$ 360.00            | \$ 50.00           | \$ 300.00            |
| 13   | 16-Inch Water Valve            | EA   | 1        | \$ 6,500.00  | \$ 6,500.00          | \$ 7,000.00        | \$ 7,000.00          |
| 14   | Fire Hydrant                   | EA   | 1        | \$ 4,800.00  | \$ 4,800.00          | \$ 4,500.00        | \$ 4,500.00          |
| 15   | Fittings                       | LBS  | 2,500    | \$ 4.00  | \$ 10,000.00         | \$ 6.00            | \$ 15,000.00         |
| 16   | Connect to Existing Water Main | EA   | 3        | \$ 2,000.00  | \$ 6,000.00          | \$ 1,500.00        | \$ 4,500.00          |
| 17   | Seeding                        | LS   | 1        | \$ 5,000.00  | \$ 5,000.00          | \$ 3,000.00        | \$ 3,000.00          |
| <b>Total</b>   |                                |      |          |  | <b>\$ 368,041.00</b> |                    | <b>\$ 245,920.00</b> |

\* Item 5 on Infinity's Bid listed a Unit Cost of \$41.00/LF but a total of \$4,100. Per the contract the unit price governs so the corrected line item total is \$1,681.00 for a difference of \$2,419.00.