

CITY OF HIGH POINT

AGENDA ITEM



Title: Change Order No. 2 - Richland Creek Sewer Outfall Aerial Sewer Pipe Replacement Project
Garney Companies Inc.

From: Robby Stone – Public Services Director
Derrick Boone – Asst. Public Services Director

Meeting Date: May 2, 2022

Public Hearing: No

Advertising Date: N/A
Advertised By:

Attachments: Change Order No. 2

PURPOSE:

To approve Change Order No. 2 to Garney Companies Inc. for additional construction materials and work outside of the scope of the original contract.

BACKGROUND:

City Council approved the contract for the Richland Creek Sewer Outfall Aerial Sewer Pipe Replacement Project to Garney Companies Inc. on August 16, 2021. The amount of the contract is \$16,387,400. The Richland Creek Sewer Outfall conveys approximately 5 million gallons per day of sewage to the Eastside Wastewater Treatment Plant. The scope of the project is to replace the 16 aerial crossings (totaling approximately 5,600 feet) with new 48-inch diameter spiral-weld steel pipe (WSP). Change Order No. 1 adjusted the notice to proceed date of the contract with no additional cost.

Change Order No. 2 includes altering the pipe saddle design to materials with shorter lead times and adding additional protective coating on the saddles from the specified red oxide primer to a full 3-part epoxy coating system to match the coating system of the new steel pipe.

BUDGET IMPACT:

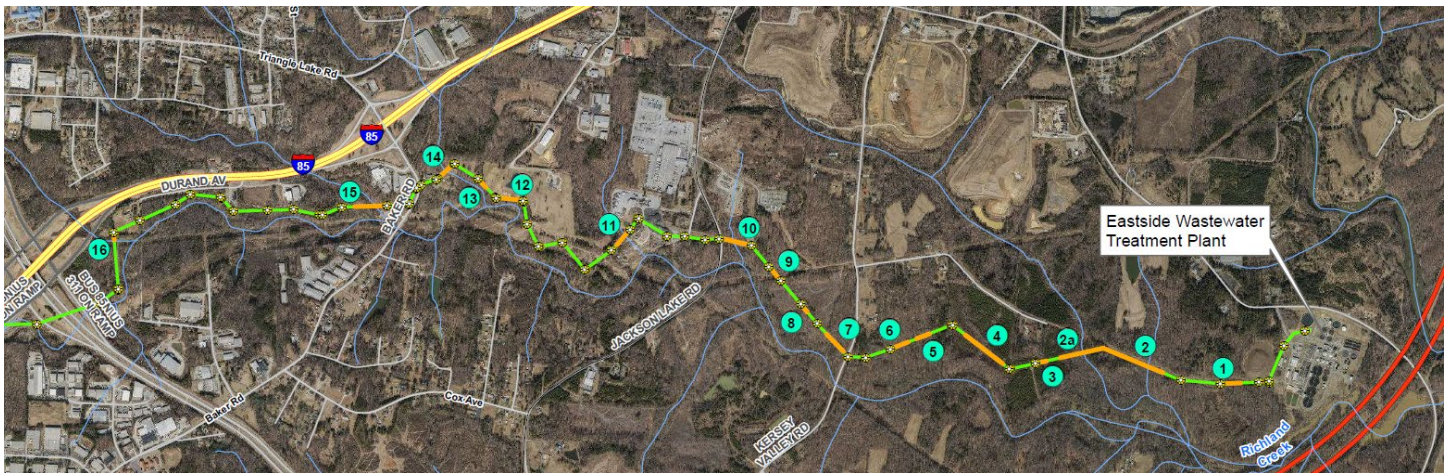
Funds for this are available in the FY 2021-2022 budget.

RECOMMENDATION / ACTION REQUESTED:

Public Services is recommending that Council approve Change Order No. 2 to Garney Companies Inc. in the amount of \$119,670.04. Upon approval, the new contract amount will be \$16,507,070.04.



Picture of an existing saddle along the Richland Creek Outfall



The 16 areal segments of the pipeline



5400 Glenwood Avenue, Suite 400
Raleigh, NC 27612
tel: 919-325-3500

April 21, 2022

Mr. Derrick Boone
Assistant Public Services Director
City of High Point
211 S. Hamilton, Room 206
High Point, NC 27260

Subject: Richland Creek Aerial Sewer Replacement Project – Pipe Saddle Change Order

Dear Boone:

The protective coating on the saddles has been updated from red oxide primer to a full 3-part epoxy coating system to match the coating system of the new steel pipe. This change will allow for an easier application in the field and a consistent coating throughout the installation.

In addition, the original saddle design called for a 316 stainless steel, mirror finish top plate sliding on a Teflon base plate. Due to prolonged lead times for Teflon, it was determined that the Teflon base plate could be eliminated and replaced with an additional piece of 316 stainless steel with a mirror finish. As part of this change in materials, various dimensions for the based plate design were revised.

Garney Construction has submitted a proposal in the amount of \$119,670.04 for the changes noted above. After reviewing the contents of this proposal, CDM Smith recommends that the City of High Point accept this proposal.

Sincerely,

A handwritten signature in blue ink that reads "Daniel C. Williams".

Daniel Williams
Construction Manager
CDM Smith Inc.

cc: J. Lapsley
M. Pollard



Date of Issuance: April 21, 2022	Effective Date: April 21, 2022
Owner: City of High Point	Owner's Contract No.: 01-072821
Contractor: Garney Construction	Contractor's Project No.: 2356
Engineer: CDM Smith	Engineer's Project No.: 141904-220453
Project: Richland Creek Sewer Outfall – Aerial Sewer Pipe Replacement Contract Name: N/A	

The Contract is modified as follows upon execution of this Change Order:

Description: Change to the sliding saddle design and change of the saddle coating system to a full 3-part epoxy coating system to match the coating system being applied to the new steel pipe.

Attachments: Garney Construction Invoice No. 1 dated 04/14/2022

CHANGE IN CONTRACT PRICE	CHANGE IN CONTRACT TIMES [note changes in Milestones if applicable]
Original Contract Price: \$ <u>16,387,400.00</u>	Original Contract Times: Substantial Completion: <u>August 16, 2023</u> Ready for Final Payment: <u>August 16, 2023</u> days or dates
[Increase] [Decrease] from previously approved Change Orders No. 1 to No. 1: \$ <u>0.00</u>	[Increase] [Decrease] from previously approved Change Orders No. 1 to No. 1: Substantial Completion: <u>0</u> Ready for Final Payment: <u>0</u> days
Contract Price prior to this Change Order: \$ <u>16,387,400.00</u>	Contract Times prior to this Change Order: Substantial Completion: <u>August 16, 2023</u> Ready for Final Payment: <u>August 16, 2023</u> days or dates
[Increase] [Decrease] of this Change Order: \$ <u>119,670.04</u>	[Increase] [Decrease] of this Change Order: Substantial Completion: <u>0</u> Ready for Final Payment: <u>0</u> days or dates
Contract Price incorporating this Change Order: \$ <u>16,507,070.04</u>	Contract Times with all approved Change Orders: Substantial Completion: <u>August 16, 2023</u> Ready for Final Payment: <u>August 16, 2023</u> days or dates

RECOMMENDED:		ACCEPTED:	
By: Daniel C. Williams	By: _____	By: <u>Matthew Jones</u>	By: _____
Engineer (if required)	Owner (Authorized Signature)	Contractor (Authorized Signature)	
Title: Construction Manager	Title: _____	Title: <u>Project Manager</u>	Title: _____
Date: 04/21/2022	Date: _____	Date: <u>4/21/22</u>	Date: _____

Approved by Funding Agency (if applicable)

By: _____ Date: _____
Title: _____



Richland Creek Sewer Outfall Aerial Sewer Pipe Replacement City of High Point

Invoice Number: 1

Date: 4/14/2022

Description of Change:

Cost change proposal for the alterations of the sliding saddles per submittal comments and manufacturer collaboration.

Change saddle coating from primer to full 3 part epoxy/ poly coating to match pipe coating.

Summary of Costs:

Labor:	\$	-
Equipment:	\$	-
Material:	\$	101,030.00
Allowable Mark-Up:	15%	\$ 15,154.50
Subtotal:	\$	116,184.50
Subcontractors:	\$	-
Allowable Mark-Up:	5%	\$ -
Subtotal:	\$	-
Bond & Insurance:	\$	3,485.54
Total Requested Change:	\$	119,670.04
Total Requested Days:		0



LABOR DETAIL

Invoice Number:

1

Title		Hourly Rate	0-Jan	27-Feb	10-Mar	16-Mar	Total
	Senior Manager (CJ)	\$ 134.73					\$ -
	Project Manager (Kyle)	\$ 109.26					\$ -
	Project Engineer (Alex)	\$ 101.97					\$ -
	Superintendent (Pedro)	\$ 149.74					\$ -
	Field Engineer (Cody)	\$ 101.97					\$ -
	Field Engineer (Dane)	\$ 101.97					\$ -
	Field Engineer (Cole)	\$ 101.97					\$ -
	Foreman (John)	\$ 58.49					\$ -
	Lead Hoe (Rito)	\$ 64.68					\$ -
	Excavator Operator (Cody/Steve)	\$ 57.04					\$ -
	Loader Operator (Robert/Joe/Angel)	\$ 54.18					\$ -
	Dozer Operator (Joe)	\$ 46.07					\$ -
	Labor (Robert/Tommie/Joey/Aron)	\$ 45.12					\$ -
	Pipe Layer (Willie/David)	\$ 47.97					\$ -
							\$ -
							\$ -
							\$ -
							\$ -
			SUBTOTAL				\$ -



Invoice Number: 1

- | Equipment Description | Monthly Rate | Weekly Rate | Daily Rate | Hourly Rate | Operating Cost / Hr | Hours On Site | Days On Site | Weeks On Site | Months On Site | Operating Hours | EXTENDED COST |
|--------------------------|--------------|-------------|-------------|-------------|---------------------|---------------|--------------|---------------|-----------------|-----------------|---------------|
| JD 350 | \$ 16,215.00 | \$ 4,540.00 | \$ 1,135.00 | \$ 170.00 | \$ 76.44 | | | | | | \$ - |
| 335 CAT Exc | \$ 16,815.00 | \$ 4,710.00 | \$ 1,180.00 | \$ 180.00 | \$ 70.49 | | | | | | \$ - |
| JD 333 Skid | \$ 4,415.00 | \$ 1,235.00 | \$ 310.00 | \$ 47.00 | \$ 16.20 | | | | | | \$ - |
| 624 John Deere Loader | \$ 6,190.00 | \$ 1,735.00 | \$ 435.00 | \$ 65.00 | \$ 32.32 | | | | | | \$ - |
| 310 John Deere Backhoe | \$ 4,100.00 | \$ 1,150.00 | \$ 290.00 | \$ 44.00 | \$ 19.93 | | | | | | \$ - |
| 4x4 3/4 ton diesel truck | \$ 1,505.00 | \$ 430.00 | \$ 110.00 | \$ 17.00 | \$ 21.30 | | | | | | \$ - |
| | | | | | | | | | SUBTOTAL | | \$ - |



MATERIAL & RENTAL EQUIPMENT DETAIL

Invoice Number: 1

Vendor	Invoice #	Description of Purchase	Totals
NWP		As bid price to supply sliding saddle support \$4149x118	\$ (489,582.00)
NWP		Price for revised sliding support design \$4364x118	\$ 514,952.00
			\$ -
			\$ -
NWP		Add 2nd and 3rd coat to saddles	\$ 75,660.00
			\$ -
			\$ -
			\$ -
			\$ -

Tax Rate:

SUBTOTAL	\$ 101,030.00
SALES TAX	\$ -
SUBTOTAL	\$ 101,030.00



SUBCONTRACTOR DETAIL

Invoice Number: 1

Vendor	Invoice #	Description of Service	Totals
			\$ -
			\$ -
			\$ -
			\$ -
			\$ -
			\$ -
			\$ -
			\$ -
		SUBTOTAL	\$ -