

**PUBLIC WORKS MEMORANDUM
26-2023**

DATE: Oct. 9, 2023
TO: Honorable Mayor Meredith Leighty and City Council Members
THROUGH: Heather Geyer, City Manager *hmg*
Jason Loveland, Interim Deputy City Manager *AL2*
FROM: Kent Kisselman, Public Works Director *KK*
SUBJECT: CR-126 – Water Treatment Plant Solids Handling Improvements Addendum #1

PURPOSE

To consider CR-126, a resolution approving Addendum #1 to the agreement with Glacier Construction Company, Inc. and authorizing the City Manager to execute Change Order #3 for the Water Treatment Plant (WTP) Solids Handling Improvements project.

BACKGROUND

Construction has been underway on the solids handling improvements for the Water Treatment Plant project since July 2022. The original construction bid cost was \$5,975,709 with a contingency amount of up to \$597,570.90. Staff has received and reviewed 22 Potential Change Orders (PCOs) to date, which are summarized in the attached PCO log. North Metro Fire District required upsizing the water mains feeding the fire hydrants in the plant for a change in the amount of \$306,680, noted in PCO 15.

BUDGET/TIME IMPLICATIONS

Description	Amount
Original contract contingency	\$597,570.90
CO 01 (Glacier Construction, previous request)	(\$107,894.00)
CO 02 (Glacier Construction, previous request)	(\$395,662.61)
CO 03 (Glacier Construction)	(\$163,141.40)
Supplemental Appropriation (considered Oct. 9)	\$112,000
Projected Contingency Remaining	\$42,872.89

There are no other time implications.

STAFF RECOMMENDATION

Attached is CR-126, a resolution that, if approved, would authorize the Mayor to execute Addendum #1 to the contract between the City and Glacier Construction Company, Inc. for the WTP Solids Handling Improvements project, authorize the City Manager to execute Change Order #3 in the amount of \$163,141.40. Staff recommends approval of CR-126.

STAFF REFERENCE

If Council Members have any questions, please contact Kent Kisselman, Director of Public Works, at kkisselman@northglenn.org or 303.450.4005.

ATTACHMENT

1. PCO Log

CR-126 – Water Treatment Plant Solids Handling Improvements Addendum #1



9801 East Easter Avenue, Centennial, CO 80112
 Phone: (303) 221-5383 • Fax: (303) 221-5385

Project: Northglenn WTF Solids Handling Improvements
 Owner: City of Northglenn
 Contractor: Glacier Construction Co., Inc.
 Engineer: Hazen and Sawyer
 Original Contract Amount: 5,975,709.00
 GCCI Job Number: 2223

Change Order Log

GCCI PCO Number	Owner CO Number	Description	CO Amount	Sent Date	Approved Date	Total Project Amount Incl. CO	Notes
01	1	Pipe Material Change (DIP to C900)	\$1,434.00	11/1/2022	1/5/2023	\$5,977,143.00	
02	1	Terracon Testing Credit	(\$14,333.00)	11/1/2022	1/5/2023	\$5,962,810.00	
03	1	Relocate North Pond	\$16,578.00	11/29/2022	1/5/2023	\$5,979,388.00	
04	1	Replace Waste Suction Piping at Both Ponds	\$38,972.00	11/29/2022	1/5/2023	\$6,018,360.00	
05	1	Replace Backwash Butterfly Valves	\$65,243.00	11/29/2022	1/5/2023	\$6,083,603.00	
06	2	Install PW Hydrant	\$24,310.00	1/24/2023	5/3/2023	\$6,107,913.00	
07	2	Delete Concrete Curbs	(\$7,624.07)	1/24/2023	5/3/2023	\$6,100,288.93	
08	2	Install Level Instruments at Backwash Ponds	\$30,357.73	1/24/2023	5/3/2023	\$6,130,646.66	
09	2	Install Sumps at Backwash Ponds	\$24,782.71	1/24/2023	5/3/2023	\$6,155,429.37	
10	2	Recycle Pump Station Misc Work	\$6,883.47	3/20/2023	5/3/2023	\$6,162,312.84	
11	2	South Pond Subgrade Stabilization	\$18,227.02	3/8/2023	5/3/2023	\$6,180,539.86	
12	2	Fiberglass Manhole Lid	\$1,298.08	3/20/2023	5/3/2023	\$6,181,837.94	
13	2	Painting Credit	(\$9,252.60)	3/20/2023	5/3/2023	\$6,172,585.34	
14	2	Winch & Controller Credit	\$0.00	3/22/2023	5/3/2023	\$6,172,585.34	VOIDED
15	2	Potable Water Loop (Less Asphalt Replacement and Extended Overhead)	\$306,680.27	4/21/2023	5/3/2023	\$6,479,265.61	
16		Winch & Controller Change	\$6,805.00	4/20/2023			
17		Asphalt & Extended Overhead for Potable Water Loop	\$49,707.40	5/23/2023			
18		Added Conduit & Wire	\$6,351.00	6/12/2023			
19		GT Stairs & Gas Line Repair	\$3,248.00	7/12/2023			
20		Mill & Overlay	\$90,979.00	8/7/2023			
21		24" CCTV Inspection	\$1,175.00	8/9/2023			
22		TSPS Sump Pump	\$4,876.00	8/17/2023			
23		Extra Bollards at GT	\$3,633.00	9/8/2023			
						\$ 6,646,040.01	

Notes:

SPONSORED BY: MAYOR LEIGHTY

COUNCIL MEMBER'S RESOLUTION

RESOLUTION NO.

No. CR-126
Series of 2023

Series of 2023

A RESOLUTION APPROVING ADDENDUM NO. 1 TO THE AGREEMENT BETWEEN THE CITY OF NORTHGLENN AND GLACIER CONSTRUCTION CO., INC. FOR THE WATER TREATMENT PLANT SOLIDS HANDLING IMPROVEMENTS PROJECT

BE IT RESOLVED BY THE CITY COUNCIL OF THE CITY OF NORTHGLENN, COLORADO THAT:

Section 1. Addendum No. 1 to the Agreement between the City of Northglenn and Glacier Construction Co., Inc., attached hereto, for a total amount not to exceed \$6,652,407.01 for construction of the Water Treatment Plant Solids Handling Improvements Project is hereby approved and the Mayor is authorized to execute same on behalf of the City of Northglenn.

Section 2. The City Manager is hereby authorized to execute Change Order #3, attached hereto as Exhibit A to Addendum No. 1, in the amount of \$163,141.40 for additional scope of work for the Water Treatment Plant Solids Handling Improvements Project.

DATED, at Northglenn, Colorado, this _____ day of _____, 2023.

MEREDITH LEIGHTY
Mayor

ATTEST:

JOHANNA SMALL, CMC
City Clerk

APPROVED AS TO FORM:

COREY Y. HOFFMANN
City Attorney

ADDENDUM #1 TO TRADE CONTRACTOR AGREEMENT

THIS FIRST ADDENDUM TO TRADE CONTRACTOR AGREEMENT is made and entered into this ____ day of _____, 20____, by and between the CITY OF NORTHGLENN, State of Colorado (hereinafter referred to as the "City") and Glacier Construction Co., Inc. (hereinafter referred to as "Trade Contractor").

RECITALS:

A. On May 9, 2022 the City and Trade Contractor entered into a Trade Contractor Agreement for WTP Solids Handling Improvements (the "Agreement") in the amount of \$5,975,709.

B. Council Resolution 22-84 approved the Agreement with a ten percent (10%) contingency of \$597,570.90 for a total amount not to exceed \$6,573,279.90.

AGREEMENT

NOW, THEREFORE, it is hereby agreed that for the consideration hereinafter set forth, that Trade Contractor shall provide to the City, WTP Solids Handling Improvements as needed in the manner provided in the Agreement.

1. The Scope of Services in the Agreement is hereby supplemented to include the scope of services provided for executed Change Order #1 and Change Order #2 authorized through contingency, and proposed Change Order #3 attached hereto as **Exhibit A**, and incorporated herein by this reference (the "Additional Scope of Services"). Trade Contractor shall commence work on the Additional Scope of Services within ten (10) days of the issuance of a Notice to Proceed on Change Order #3.

2. Subparagraph A. of Article IV entitled "Compensation" is hereby amended to provide as follows:

A. Compensation shall not exceed \$6,652,407.01 for the work described in **Exhibit A** to this Addendum #1.

3. The original Agreement and this Addendum #1 is in full force and effect and is hereby ratified by the City and the Trade Contractor. The original Agreement and this Addendum constitute all of the agreements between the City and the Trade Contractor.

IN WITNESS WHEREOF, the parties hereto each herewith subscribe to the same in duplicate.

CITY OF NORTHGLENN, COLORADO

By: _____

Meredith Leighty

Print Name

Mayor

Title

Date

ATTEST:

Johanna Small, CMC, City Clerk

APPROVED AS TO FORM:

Corey Y. Hoffmann, City Attorney

TRADE CONTRACTOR

By: 

Project Manager September 7, 2023

Title

Date

ATTEST:



Controller 9/7/23

Title

Date



City of Northglenn
11701 Community Center Drive
Northglenn, CO 80233-8061

Project: WTP Solids Handling Improvements

Change Order #: 1

Date: January 5, 2023

To: Glacier Construction Co., Inc.
9801 East Easter Ave.
Centennial, CO 80112

Contract Number: 2022-072

Contract Date: May 9, 2022

YOU ARE HEREBY DIRECTED TO MAKE THE FOLLOWING CHANGES TO THE ABOVE NAMED CONTRACT:

Item #	Description	Amount
PCO 001	Pipe Material Change (DIP to C900)	\$1,434.00
PCO 002	Terracon Testing Credit	(\$14,333.00)
PCO 003	Relocate North Pond	\$16,578.00
PCO 004	Replace Waste Suction Piping at Both Ponds	\$38,972.00
PCO 005	Replace Backwash Butterfly Valves	\$65,243.00
Total		\$107,894.00

Contract Status Per This Change Order

Original Contract Sum	\$5,975,709.00
Net Change By Previous Change Orders	\$0.00
Contract Sum Prior To This Change Order	\$5,975,709.00
Net Change Made By This Change Order	\$107,894.00
New Contract Sum	\$6,083,603.00

The Time To Complete The Contract Is: N/A

Unchanged

Increased By _____ Days

Decreased By _____ Days

The Date Of Completion Is Now: _____

6/6/2023

City of Northglenn
Owner
Heather Geyer
Name
City Manager
Title

Glacier Construction Company, Inc.
Contractor
Jennifer Smith
Name
Project Manager
Title

City of Northglenn
Engineer
Kent Kisselman, P.E.
Name
Director of Public Works
Title

Signature
1.9.23
Date

Signature
January 5, 2023
Date

Signature
1/9/23
Date



City of Northglenn
11701 Community Center Drive
Northglenn, CO 80233-8061

Project: WTP Solids Handling Improvements

Change Order #: 2
Date: May 3, 2023

To: Glacier Construction Co., Inc.
9801 East Easter Ave.
Centennial, CO 80112

Contract Number: 2022-072
Contract Date: May 9, 2022

YOU ARE HEREBY DIRECTED TO MAKE THE FOLLOWING CHANGES TO THE ABOVE NAMED CONTRACT:

Item #	Description	Amount
PCO 06	Install PW Hydrant	\$24,310.00
PCO 07	Delete Concrete Curbs	(\$7,624.07)
PCO 08	Install Level Instruments at Backwash Ponds	\$30,357.73
PCO 09	Install Sumps at Backwash Ponds	\$24,782.71
PCO 10	Recycle Pump Station Misc Work	\$6,883.47
PCO 11	South Pond Subgrade Stabilization	\$18,227.02
PCO 12	Fiberglass Manhole Lid	\$1,298.08
PCO 13	Painting Credit	(\$9,252.60)
PCO 14	Winch & Controller Change (Voided)	\$0.00
PCO 15	Potable Water Loop (Less Asphalt Replacement and Extended Overhead)	\$306,680.27
Total		\$395,662.61

Contract Status Per This Change Order	
Original Contract Sum	\$5,975,709.00
Net Change By Previous Change Orders	\$107,894.00
Contract Sum Prior To This Change Order	\$6,083,603.00
Net Change Made By This Change Order	\$395,662.61
New Contract Sum	\$6,479,265.61

The Time To Complete The Contract Is: N/A
 Unchanged _____ Increased By 117 Days Decreased By _____ Days
 The Date Of Completion Is Now: 10/1/2023

City of Northglenn
 Owner
 Heather Geyer
 Name
 City Manager
 Title

 Signature
 Date

Glacier Construction Company, Inc.
 Contractor
 Jennifer Smith
 Name
 Project Manager
 Title

 Signature
 May 03, 2023
 Date

City of Northglenn
 Engineer
 Kent Kisselman, P.E.
 Name
 Director of Public Works
 Title

 Signature
 5/4/23
 Date

Project: WTP Solids Handling Improvements

Change Order #: 3

Date: August 17, 2023

To: Glacier Construction Co., Inc.
9801 East Easter Ave.
Centennial, CO 80112

Contract Number: 2022-072

Contract Date: May 9, 2022

YOU ARE HEREBY DIRECTED TO MAKE THE FOLLOWING CHANGES TO THE ABOVE NAMED CONTRACT:

Item #	Description	Amount
PCO 16	Winch & Controller Change	\$6,805.00
PCO 17	Asphalt & Extended Overhead for Potable Water Loop	\$49,707.40
PCO 18	Added Conduit & Wire	\$6,351.00
PCO 19	GT Stairs & Gas Line Repair	\$3,248.00
PCO 20	Mill & Overlay	\$90,979.00
PCO 21	24" CCTV Inspection	\$1,175.00
PCO 22	TSPS Sump Pump	\$4,876.00
Total		\$163,141.40

Contract Status Per This Change Order

Original Contract Sum	\$5,975,709.00
Net Change By Previous Change Orders	\$503,556.61
Contract Sum Prior To This Change Order	\$6,479,265.61
Net Change Made By This Change Order	\$163,141.40
New Contract Sum	\$6,642,407.01

The Time To Complete The Contract Is:

Unchanged _____

Increased By 91 Days

Decreased By _____ Days

The Date Of Completion Is Now:

12/31/2023

City of Northglenn

Owner

Heather Geyer

Name

City Manager

Title

Signature

Date

Glacier Construction Company, Inc.

Contractor

JENNIFER SMITH

Name

PROJECT MANAGER

Title

Signature

Date

City of Northglenn

Engineer

Kent Kisselman, P.E.

Name

Director of Public Works

Title

Signature

Date