



Memorandum

Date: March 14, 2024
To: John Harbarger
Cc: Josh Oberlander
From: Alan Corey, CEPI
WO #: 22-053
Subject: WWTP Cell Bypass Rehabilitation Project

Enclosed is Change Order No. 1 for your review and approval. This additive change order includes hiring a dive team to remove the sluice gates in Diversion Box DB-A2 at the Wastewater Treatment Plant in addition to adding three (3) working days to the project.

On Sunday, March 10th, 2024, JR Civil discovered the sluice gates in the diversion box labeled DB-A2 in the construction drawings, which is located between Cells 2 and 3 have inoperable sluice gates. While we knew the existing valves had failed catastrophically prior to awarding this project, we were unable to make a determination of the exact failure. During the CCTV and cleaning operations as outlined in the project documents, the Contractor discovered the failure of the sluice gates appears to be the stem of the sluice gate. As a result, the gates can neither be opened or closed and the contractor is unable to inspect and clean the diversion box as well as clean, inspect, and ultimately line the section of bypass pipe between this diversion box and diversion box DB-B.

In order for the contractor to finish the cleaning and CCTV inspection of the diversion boxes, the sluice gates will need to be removed in their entirety. However, this process will require a specialized service in the form of a diving team. The divers will remove the gate valves underwater and then insert a plug so that the Contractor can clean and inspect the diversion box and bypass pipe. JR Civil has submitted an itemized cost for this change order for a total cost of \$30,150.00. In addition, JR Civil is requesting three (3) additional working days (four (4) calendar days) to be added to the construction schedule which will change the substantial completion and final completion dates to June 19th, and July 3rd, 2024 respectively.

Please contact me with any questions.

CITY OF DOUGLAS
CHANGE ORDER

NO. 1

PROJECT: WWTP CELL BYPASS REHABILITATION PROJECT DATE OF ISSUANCE: 03-14-2024
 OWNER: CITY OF DOUGLAS
 CONTRACTOR: JR CIVIL, LLC
 ENGINEER: CIVIL ENGINEERING PROFESSIONALS, INC

You are directed to make the following changes in the Contract Documents:

Description: REMOVE THE SLUICE GATES AT DB-A2 BY MEANS OF A DIVE TEAM

Attachments: CONTRACTOR INVOICE, CEPI MEMO, AND CHANGE ORDER FORM

CHANGE IN CONTRACT PRICE	CHANGE IN CONTRACT TIME
Original Contract Price: \$1,289,700.50	Original Contract Time: Substantial Completion: June 15, 2024 Final Completion: June 30, 2024
Cost of Previous Change Orders: \$0.00	Net change from previous Change Orders (days): 0
Contract Price prior to this Change Order: \$1,289,700.50	Contract Time Prior to this Change Order: Substantial Completion: June 15, 2024 Final completion: June 30, 2024
Net Increase/ Decrease of this Change Order: \$30,150.00	Net Increase/ Decrease of this Change Order: Substantial = 4 calendar days Final = 4 calendar days
Contract Price with all approved Change Orders: \$1,319,850.50	Contract Time with all approved Change Orders: Substantial completion: June 19, 2024 Final completion: July 3, 2024

ACCEPTED:

RECOMMENDED:

APPROVED:

BY: Alex Heesch
Contractor

BY: Alan C. Gray
Engineer

BY: [Signature]
Owner

Change Order 1 - Stuck Gate



JR Civil, LLC

"Safety-Quality-Production"

Billings, MT - Sheridan, WY

Contact: Alex Heesch

Phone: 406-200-5058

Email: alex.h@jrcivil.com

Company: CEPI
 Contact: Alan Corey
 Address:
 Address:
 Phone: 307-251-3369
 Email: alan@cepi-casper.com

Job Name: Douglas WWTP - Change Order 1
 Location:
 Engineer:
 Plans Date:
 Revision:
 Soils Report:

ITEM	DESCRIPTION				
1	Mobilization and Re-Mobilization				
2	Open or Remove Stuck Gate Valve (Hazmat Diver)				

GRAND TOTAL **\$30,150.00**

NOTES:

- Change Order also includes adding 3 days to the construction schedule
- Pricing is valid for 7 days
- Pricing includes:
 - Remobilization and JR Civil's support crew and JR Civil's CCTV/Cleaning Subcontractor
 - Mobilization includes the costs associated with a hazmat commercial dive crew
 - Up to 8 hours of a hazmat commercial dive crew for the forced opening or removal of the stuck sluice gate/valve
 - All dive safety/OSHA paperwork and permits
 - Small JR Civil support crew for the diver

- *If the diver crew extends beyond 8 hours - additional costs will be invoiced.
- *Pricing based on non-overtime, non-weekend, non-nightshift work
- *If needed, any consumables the dive crew required will be inviced at cost + 15%
- *Due to its special nature, this proposal shall have a payment term of NET 10 days.

DOUGLAS CHANGE ORDER 1 PRICING BREAK-OUT

1	Mobilization & Remobilization							
	Item	Qty	Unit	Unit Cost	Subtotal Cost	Markup %	Markup Amount	Total
	Diver Mob	1	LS	\$ 4,476.00	\$ 4,476.00	5%	\$ 223.80	\$ 4,699.80
	Pace Re-Mob	1	LS	\$ 4,000.00	\$ 4,000.00	5%	\$ 200.00	\$ 4,200.00
	JRC Re-Mob	1	LS	\$ 3,010.00	\$ 3,010.00	15%	\$ 451.50	\$ 3,461.50
2	Open/Remove Stuck Gate Valve							
	Item	Qty	Unit	Unit Cost	Subtotal Cost	Markup %	Markup Amount	Total
	Diver Sub Lodging/Per Diem	2	Day	\$ 628.00	\$ 1,256.00	5%	\$ 62.80	\$ 1,318.80
	Diver Sub Haz-Mat Package	1	LS	\$ 3,217.00	\$ 3,217.00	5%	\$ 160.85	\$ 3,377.85
	Diver Sub Dive Package	1	LS	\$ 5,136.00	\$ 5,136.00	5%	\$ 256.80	\$ 5,392.80
	JR Civil Support Crew	1	LS	\$ 3,500.00	\$ 3,500.00	15%	\$ 525.00	\$ 4,025.00
	Pace Support Crew	1	LS	\$ 3,500.00	\$ 3,500.00	5%	\$ 175.00	\$ 3,675.00
	Bond	1	LS	\$ 600.00	\$ 600.00	0%	\$ -	\$ 600.00
	GRAND TOTAL							\$ 30,750.75