



CITY OF NORTH PORT



CONTRACT/AGREEMENT AMENDMENT FORM

Amendment No.: 2

City's Contract No./ Agreement No.: 2020-38

Commission Meeting Date: 11/10/2020

Purchase Order No.: 48485

Project Name: MCWTP Structural Rehabilitation Phase 1 – Flocculation Tank No.1 Repairs

Originating Department/Division: Utilities/Water

Point of Contact/Project Manager: Jennifer Fehrs, P.E.

Contractor: Zep Construction, Inc

Amendment required as a result of:

Changed/Unforeseen Conditions

Errors and Omissions

Change in Scope

Time Extension/Deletion

Change in Price (+/-)

Owner's Request

Please complete the following sections, and attach additional pages as necessary:

Explanation of Request (What is changing? Include effect on completion time):

An additional 52 square feet of concrete repair mortar for the perimeter walls of the tank and newly constructed baffle walls as well as an additional 1,129 square feet of coating for the perimeter walls, internal and external sump walls, internal weir walls and underside of the catwalks is required. Additional repairs are also needed for a separation of the floor slab of approximately 15 linear feet in length. No additional contract time will be required.

Reason for Amendment (Why is it changing?):

Field measurements show that there was an error in the calculation of the square footage in the original bid quantities for Item No. 2B - Concrete Repair Mortar (walls and slab) and Item No. 2C - NSF 61 Coating (Walls and Slab), therefore, additional materials are required to complete the project. Per the field measurements, bid quantities were also reduced for Item No. 2D – Crack Repair by 15 linear feet, however, in order to remedy a slab joint separation caused by shrinkage of the concrete after pouring, these quantities will be required for completion and, therefore, there is no effect on overall cost.

Attachments (list documents supporting change):

1. Zep Construction Revised Bid Quantities
2. Request for Information #006 Response
3. Request for Information #007

Please fill in the information below as applicable. You must double-click the chart to open in Excel before entering data.		
Account Number	Project Number	Amount
420-6061-533.63-00	U20F1R	19,015.00

CHANGE IN CONTRACT PRICE		CONTINGENCY FUNDS	
Please fill in the information below as applicable. You must double-click the chart to open in Excel before entering data.			
Original Contract Amount:	\$139,953.00	Use of Contingency Funds? (Yes or No)	No
Last Approved Amendment #	1	Original Contingency Amount:	
Last Approved Change Order #	0		
Prior Approved Amount: Amendments	\$23,277.18	Approved Use of Contingency Amount:	
Prior Approved Amount: Change Orders	\$0.00		
Current Contract Price:	\$163,230.18	This (Decrease)/Increase:	
This Change Add/(Deduct):	\$19,015.00		
Total Contract Amount w/ this change (pending approval):	\$182,245.18	Contingency Balance w/ this change approved:	\$0.00

CHANGE IN CONTRACT TIME				
Please fill in the Initial & Final Dates of the Original Contract, and the Difference (days) for each subsequent amendment (the date will auto-fill for the amendment). Then fill in the corresponding Action and Basic Description. You must double-click the chart to open in Excel before entering data. There are extra rows hidden, and extra rows may be added if necessary.				
Initial Date	Final Date	Difference (days)*	Action	Basic Description
7/13/20	12/10/20	150 days	Original	Initial Execution
12/11/20	12/16/20	5 days	Contract Amendment No. 1	Time needed for additional work
12/1/20	12/16/20	0 days	Contract Amendment No. 2	No addional time required
Total		155 days		
* Calendar days (not working days)				

RECOMMENDED:

By: _____
 Contractor Date

By: _____
 City POC/Project Manager Date

APPROVED:

By: _____
 Department Director Date

By: _____
 Budget Administrator Date

By: _____
 Purchasing Date

By: _____
 Finance Director Date

By: _____
 Assistant City Manager Date

By: _____
 City Manager Date

By: _____
 City Clerk Date

By: _____
 City Attorney Date

Zep Construction

JOB #: 2020-38 (City Contract Number)

Job Name: MYAKKAHATCHEE CREEK WTP STRUCTURAL REHABILITATION PROJECT PHASE 1- FLOCCULATION TANK NO. 1 REPAIRS

Zep Job #: 379

County: Sarasota

Letting Date: November 12, 2019

ITEM NO.	DESCRIPTION	UNIT	Bid Quantities			Actual Quantities			Additional Cost
			Prior QUANTITY	UNIT PRICE	Prior TOTAL	New QUANTITY	UNIT PRICE	New TOTAL	
2B	Concrete Repair Mortar (Walls and Slab)	SQ FT	1980.00	40.00	\$79,200.00	2032.00	40.00	\$81,280.00	\$2,080.00
2C	NSF 61 Coating (Walls and Slab)	SQ FT	1980.00	15.00	\$29,700.00	3109.00	15.00	\$46,635.00	\$16,935.00
2D	Crack Repair	LF	50.00	88.00	\$4,400.00	50.00	88.00	\$4,400.00	\$0.00
2E	Spalled Crack Repair	SQ FT	10.00	117.00	\$1,170.00	10.00	117.00	\$1,170.00	\$0.00
			Bid Total = \$114,470.00			New Bid Total = \$133,485.00			Total Additional cost = \$19,015.00

- NOTES:
1. 2B New Quantity Consists of Perimeter walls of the tank and the newly constructed baffle walls. Floor quantity was removed.
 2. 2C New quantity consists of the Perimeter walls, internal and external sump walls, internal weir walls, and underside of the catwalks.
 3. 15 LF of Item 2D covers slab joint separation remedy.
 4. No Additional Contract Time Will Be Requested

Request for Information (RFI)

Date: 09/24/2020
Project: MCWTP Structural Rehabilitation Project – Phase 1, Flocculation Tank #1 Repairs, RFB #2020-38, City of North Port, Sarasota County
Request To: Jennifer Fehrs, P.E., Utilities Engineer
Reference: Plan Sheet S-5
Subject: RFI No. 006 (ZEP) -Revised Response

Request:

From: Jose Mendieta <jose@zepconstruction.com>

Sent: Wednesday, September 23, 2020 2:48 PM

To: Jennifer Fehrs <jfehrrs@cityofnorthport.com>

Cc: vaidyard@cdmsmith.com; MchughJC@cdmsmith.com; Francoforte, Kevin <FrancoforteKM@cdmsmith.com>; Michael Acosta <macosta@cityofnorthport.com>

Subject: [EXTERNAL] PN 235145 MCWTP Structural Rehabilitation Phase I - Quantity Changes

Hello All,

From the meeting/field measuring that occurred on 9/18/20 and speaking to our subcontractor, we came up with the following quantities:

Bid item 2B Repair Mortar – 2032 sq ft

Bid item 2C NSF Coatings – 3109 sq ft

Our subcontractor has also agreed with the reduction of Item 2D from 50 LF to 35 LF.

We also confirmed that bid unit prices for the items will remain the same.

Attached a table showing the bid quantities vs the actual quantities.

Item 2A changes for the toeboard will be determined after installation occurs.

Thanks,

Jose Mendieta, EI

Project Engineer/Estimator

ZEP Construction, Inc.

Ph #239-267-8778

Cell # 985-278-5624

ITEM NO.	DESCRIPTION	UNIT	Bid Quantities			Actual Quantities		
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2D	Crack Repair	LF	50.00	88.00	\$4,400.00	35.00	88.00	\$3,080.00
2E	Spalled Crack Repair	SQ FT	10.00	117.00	\$1,170.00	10.00	117.00	\$1,170.00
					Bid Total =	\$114,470.00	New Bid Total = \$132,165.00	

CDM Smith Response:

- 1) ZEP shall proceed with work and complete it no change to contract schedule.
- 2) ZEP shall start change order procedure with City per existing contract.
- 3) ZEP agrees to get paid for Item 2A per actual quantity installed and confirmed by joint measurement with CDM Smith representative.

Response By: Raj Vaidya, P.E. CDM Smith

Request for Information (RFI)

Date: 9/14/2020
Project: MCWTP Structural Rehabilitation Project – Phase 1, Flocculation Tank #1 Repairs, RFB #2020-38, City of North Port, Sarasota County
Request To: Jennifer Fehrs, P.E., Utilities Engineer
Reference: Plan Sheet S-5
Subject: RFI No. 006 (ZEP)

Background:

On Plan Sheet S-5, the Concrete Repair Mortar (Walls and Slab) and NSF Coating (Walls and Slab) both state that the area that is covered is 1980 SQ FT.

Request:

Our subcontractor conducted some material calculations and believes that there is an error in the square footage for bid items 2B & 2C that was listed on the bid sheet as 1980 sq ft.

Our subcontractor came up with the following:

Outer perimeter walls $41 \times 16 \times 10.5 = 1197$

Floors $41 \times 16 = 656$

External sump $4 \times 4 \times 8 = 144$

Internal sump $4 \times 4 \times 8 = 144$

Internal weir walls $10.5 \times 16 = 168 \times 4 \text{ wall faces} = 672$

Total for Bid Items 2B & 2C = 2813 sq ft

Please confirm with city/engineer so that the field measurements match the pay quantities to these actual field measurements.

Submitted By:

Jose Mendieta, Project Engineer – ZEP Construction, Inc.

Response Due Date:

As soon as you can so we can plan accordingly.

Response:

CDM Smith Response

- 1) Outer perimeter walls are about 10.25 ft average
- 2) Deduct for weir/baffle walls ~ $9 \text{ sqft} \times 4 = - 36 \text{ sqft}$
- 3) Outfall aka the internal sump is ~4 to 5 ft not 8 ft
- 4) Confirm take-off shall be at bid pricing and current project schedule with no extra time
- 5) Credit for less takeoffs for Bid Items 2A, 2D and 2E
- 6) ZEP to agree to provide revised estimate and change approval shall be based on joint measurements with CDM Smith
- 7) Change order approval will be pursued by City, ZEP agrees to finish the work in accordance with the final approved submittal at the agreed upon cost

Response By:

Request for Information (RFI)

Date: 9/25/2020
Project: MCWTP Structural Rehabilitation Project – Phase 1, Flocculation Tank #1 Repairs, RFB #2020-38, City of North Port, Sarasota County
Request To: Jennifer Fehrs, P.E., Utilities Engineer
Reference: Plan Sheet S-1
Subject: RFI No. 007 (ZEP)

Background:

Detail A, on Plan Sheet S-1 of the plans, shows that two pours are to be done, for the foundation slab, with a water stop being placed between the pour joint. ZEP Construction's installation of the slab pour on the construction joint between the two slabs was done per the plans and specs.

Request:

After over 28 days, a separation of the floor slab was formed due to the shrinkage of the concrete.

In most concrete slab installations that have two pours, this is a common occurrence. Since ZEP construction performed the operation per plans and specifications, we find that it is not in any way a fault of ZEP Construction's pour of the concrete.

Our subcontractor RPS will repair the crack, per the attached email and sketch. The bid already has repair items and we are requesting that the 35 LF of Crack repairs that were agreed to on RFI #6 be restored to the original bid quantity of 50 LF. The restored 15 LF would cover the cost for the repair.

Please confirm with city/engineer so that the Subcontractor may proceed with the repair, as it will hold back the coating of the tank.

Submitted By:

Jose Mendieta, Project Engineer – ZEP Construction, Inc.

Response Due Date:

As soon as you can so we can plan accordingly.

Response:

Response By:

Jose Mendieta

From: Vaidya, Rajendra D. <vaidyard@cdmsmith.com>
Sent: Thursday, September 24, 2020 8:06 PM
To: ZEP Construction, Inc.; jose@zepconstruction.com; Jennifer Fehrs; Michael Acosta; Chad Nosbisch; Holmes, Chad
Cc: McHugh, John; Francoforte, Kevin
Subject: RE: PN 235145- MCWTP Flocc Tank -Concrete Pour Joint
Attachments: PermaShield Construction Joint Detail PLS-11.pdf

Importance: High

Jamie and Chad Holmes,

The corrective action we propose is as below. Chad H please comment if any edits are required per your experience: Provide a fiberglass mat detail similar to the attached PermaShield Construction Detail PLS-11 to offer crack bridging and dissipating minor movement. Then apply the specified system over the top.

- Tnemec Series 215 used as both the bed coat and saturant coat (this is NSF 61 compliant)
- Fiberglass mat Tnemec's Series 211-216. This is acceptable as long as it will wet through and you do not use less than a 4" wide strip.

This is a joint between two pours which was ZEP's work, so please contact me and City if ZEP wants to demonstrate the eligibility for any cost for this repair. I can arrange a conference call to discuss.

Regards

Raj

From: ZEP Construction, Inc. <zepcon@aol.com>
Sent: Thursday, September 24, 2020 2:13 PM
To: Vaidya, Rajendra D. <vaidyard@cdmsmith.com>; jose@zepconstruction.com; Jennifer Fehrs <jfehrrs@cityofnorthport.com>; Michael Acosta <macosta@cityofnorthport.com>; Chad Nosbisch <cnosbisch@cityofnorthport.com>
Cc: McHugh, John <MchughJC@cdmsmith.com>; Francoforte, Kevin <FrancoforteKM@cdmsmith.com>
Subject: Re: PN 235145- MCWTP Flocc Tank Coating

Raj,

10-4. That appears to be the joint between the two pours, which can be a common occurrence between pours. Let us know what you would like done to it and we'll submit a cost to perform the work.

Thanks,

Jamie R. Booth
Project Engineer/Estimator/EEO Officer
ZEP Construction, Inc.
Ph #239-267-8778

-----Original Message-----

From: Vaidya, Rajendra D. <vaidyard@cdmsmith.com>
To: Jose Mendieta <jose@zepconstruction.com>; ZEP Construction, Inc. <zepcon@aol.com>; Jennifer Fehrs <jfehrrs@cityofnorthport.com>; Michael Acosta <macosta@cityofnorthport.com>; Chad Nosbisch <cnosbisch@cityofnorthport.com>
Cc: McHugh, John <MchughJC@cdmsmith.com>; Francoforte, Kevin <FrancoforteKM@cdmsmith.com>

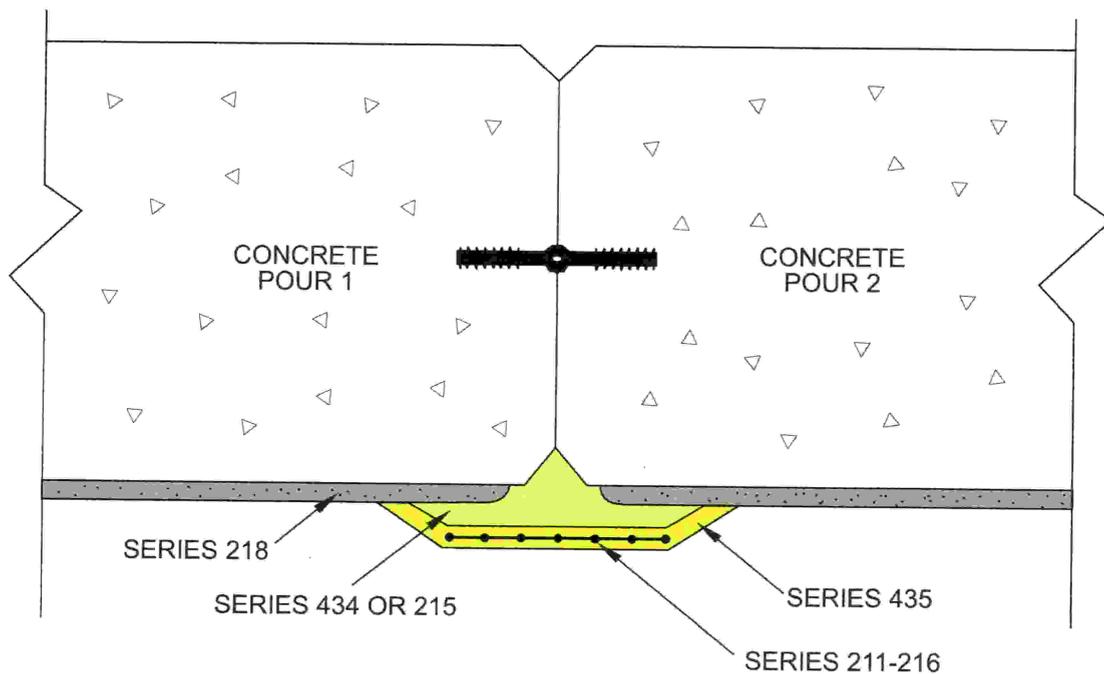
Sent: Thu, Sep 24, 2020 12:53 pm
Subject: PN 235145- MCWTP Flocc Tank Coating

Hi Jamie,

We will provide a recommendation to repair the crack along the construction joint in the new base slab (see attached pictures) in a day or two.

Thanks

Raj



NOTES:

1. Let concrete cure a minimum of 28 days.
2. Abrasive blast the concrete surface and joint per SSPC-SP13/NACE No. 6, minimum surface profile ICRI-CSP5.
3. Apply Series 218 MortarClad resurfacer to walls but hold back from joint.
4. Apply Series 434 Perma-Shield H₂S or Series 215 Surfacing Epoxy to fill joint and 3-4 inches into wall at 60-80 mils.
5. While Series 434 or 215 is wet, embed Series 211-216 Fiberglass Mat into Series 434 or 215; use dry roller to push mat into Series 434 or 215.
6. Immediately apply Series 435 Perma-Glaze saturant coat to joint area and out onto Series 218 resurfacer; let cure.
7. Apply specified system to all surfaces.

**TNEMEC PERMA-SHIELD
STANDARD LINING DETAILS**

CONSTRUCTION JOINT –
RIGID-REINFORCED DETAIL

NO. PLS-11

REV. 0