

Project Name:	<u>Digester #4 Coating</u>	Project No.:	<u></u>
Change Order No.:	<u></u>	Submitted by:	<u>Eric Oates</u>
Date Submitted:	<u>October 9, 2023</u>	Purchase Order No.:	<u>PO3440</u>
Committee Review Date:	<u></u>	Contractor:	<u>W.M. Lyles Co.</u>
Work Completion Date:	<u></u>	Original Submittal Date:	<u></u>

Item No.	Description of Change Order	Net increase	*Net decrease	Total Change
1	Digester Coating	\$252,196.00		\$252,196.00
				\$0.00
				\$0.00
				\$0.00
				\$0.00
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				\$0.00
				\$0.00
				\$0.00
				\$0.00
				\$0.00
	Total Cost of Change Order:	\$252,196.00	\$0.00	\$252,196.00

Original Contract Amount:	\$284,000.00	
Net cost of this Change Order:	\$252,196.00	88.80% Increase / Decrease
Total cost of previous Change Orders:		0.00% of Original Contract Amount
New Contract Amount:	\$536,196.00	88.80% Over Original Contract Amount

Previously granted additional days: _____	Original Date of Completion per Contract: _____
Contract work days added/(deleted) this CO: _____	New Date of Completion: _____


Date: 10-17-23

C:\Users\PCarreon\AppData\Local\Microsoft\Windows\NetCache\Content.Outlook\508XE610\CHANGE ORDER FORM Dig 4 Coating
Last Revised Date:10/11/2023

City of Visalia

Memo



To: Change Order Committee
From: Eric Oates, WRF Maintenance Supervisor
Nick Bartsch, Public Works Director 
Date: October 16, 2023
Re: WRF – Digester 4 Pipeline Replacement Project – Interior Coating

Request:

This memorandum requests the Change Order Committee's approval of the attached Change Order Request to include the interior coating of Digester #4 at the Wastewater Treatment Plant as a part of the interior pipeline replacement project.

Justification:

In May 2022 the sludge recirculation line to Digester 4, located at the Water Reclamation Facility (WRF), began to leak. To stop the leak and allow for repairs, the levels within Digester 4 were brought down below the point of the leak. The digester contents were recirculated back to the Headworks, and ultimately back through the Plant. This operation was accomplished over several days and lowered the content level to the point of the pipe failure, allowing the spray to stop. However, the recirculation of the sludge caused some adverse reactions within the plant, so the remainder of the digester could not be emptied through this process. At that point, the digester was deemed unusable and taken off-line. To prevent further upset to ongoing operations, staff slowly and incrementally pumped out the remaining contents to lower the sludge level below the entry hatch, which allowed staff access for a visual inspection. In February 2023 a Purchase Order was issued to Wastewater Solids Management Company (WSM) to pump and dewater the remaining sludge and clean the inside of the digester. When the cleaning process was complete and a visual inspection was performed by staff, several areas of the glass lined ductile iron pipe that circulates the sludge contents within the digester structure were found to have developed large holes, thus rendering the digester completely inoperable. W.M. Lyles Company ultimately provided a proposal and was awarded a contract to replace the interior piping within Digester #4. While empty, a coating inspector reviewed the interior and found the coating to be in poor condition and recommended it be replaced while the digester was out of service.

W.M. Lyles is currently performing the Digester #4 Pipeline Replacement work under PO #3440 in the amount of \$284,000, and is now waiting for the pipe and fittings materials to be delivered. As they are under contract for this project, as well as others at the WRF, staff requested that they provide a quote for re-coating portions of the interior of Digester #4. They have the ability to complete the coating work in conjunction with the pipeline replacement. Therefore, W.M. Lyles submitted a cost proposal for the recoating of Digester #4 in the amount of **\$252,196.00**. This scope of work entails the preparation of surfaces by grit blasting and cleaning, and coating of the interior concrete dome and the top 6' of the walls with Endura-Flex 1988. The cost of the work also includes all necessary scaffolding and final clean up and removal of debris from the site.

There are a total of 8 digesters at the WRF, and the remaining 7 also need to be dewatered, cleaned, and inspected. The City has already procured a contract for this work to occur, but it cannot be completed until Digester #4 is repaired and placed back into operation. The loss of Digester #4 is causing adverse effects in the plant systems and repairs need to be completed as soon as possible to prevent any further issues within the WRF.

As the cleaning and inspection process begins with the remaining digesters, Staff plans to develop a scope of work and formal Request for Bids to competitively bid any further piping replacement and/or re-coating of subsequent digesters, as the need is identified and required.

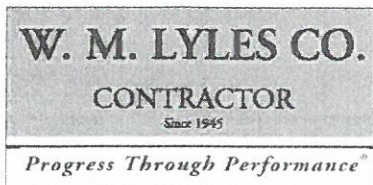
Requested by:



Eric Oates, WRF Maintenance Supervisor

10/17/23

Date



California Contractor's License No. 422390

Central Division - **Fresno Office**
1210 W. Olive Avenue
Fresno, CA 93728
Telephone (559) 268-1540
Fax (559) 268-0420

www.wmlyles.com
An Equal Opportunity Employer
DIR # 1000001448

October 2, 2023

City of Visalia
707 W. Acequia Ave.
Visalia, CA 93291

Attn: Wyndi Ferguson

Project: City of Visalia – WCP Digester 4 Pipe Replacement

Re: PCO No. 02 – Digester # 4 Interior Coating

Dear Mrs. Ferguson,

Our lump sum pricing associated with coating the interior of digester four (4) is **\$252,196.00**. Please find the attached broken-down costs and the backup for substantiating this cost. All applicable sales taxes and bond costs have been included in this proposal for both the Prime Contractor and Subcontractors.

We plan on completing this work before our material shows up so it shouldn't impact the overall schedule.

This PCO is based on the request for a proposal (see attached email for reference).

Note: WML is excluded from any costs associated with inspections.

Please let us know if you have any further questions or concerns.

WM LYLES CO.

Erick Baeza.

Erick Baeza
Field Engineer

"Contractors are required by law to be licensed and regulated by the Contractor's State License Board. Any questions concerning a contractor may be referred to the Register of the board, whose address is: Contractor's State License Board, 9835 Goethe Road, P.O. Box 26000, Sacramento, California 95826."

Corporate Office: 525 W. Alluvial, Fresno, CA 93711 Telephone: (559) 441-1900 • Fax (559) 487-7958

Bakersfield (661) 387-1600 | Fresno (559) 268-1540 | Temecula (951) 693-0700 | Rocklin (916) 375-1833 | Visalia (559) 651-1450

W. M. Lyles Co.
1210 W. Olive Ave
Fresno, CA 93728

Date: 2-Oct-23

Reference #: PCO No. 02

Attention: Wyndi Ferguson

Project: WCP Digester 4 Pipe Replacement

Description: Digester 4 Coating

Item		Unit	Total MH	Total MH Cost	Eq. Cost	Material	Subcont.	Total Cost	Total Cost w/ Mark-up
1	Digester Coating	1 LS	0	\$ -	\$ -	\$ -	\$237,808.94	\$ 237,808.94	\$ 252,196.00
2		1 LS	0	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
3		1 LS	0	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
4		1 LS	0	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
5		1 LS	0	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
6		1 LS	0	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Total Costs			0	\$ -	\$ -	\$ -	\$237,808.94	\$ 237,808.94	\$ 252,196.00

Subtotal		\$ 237,808.94
Mark-up - Labor	15%	\$ -
Mark-up - Equipment	15%	\$ -
Mark-up - Materials	15%	\$ -
Mark-up - Subcontractor	5%	\$ 11,890.45
Bond	1%	\$ 2,496.99
Total This Change Order		\$ 252,196.00

Comments:



Polytech Industrial, Inc. P.O. Box 12407 Fresno, CA 93777-2407

Ph (559) 271-9900 Fax (559) 271-9922 Lic. 853403

PW-LR-1000672005

PROPOSAL



Date: 9/22/23

Customer: W.M. Lyles Co.
Address: 1210 W. Olive Ave.
City / State / Zip: Fresno, CA 93728
Phone: 559-268-1540
Cell: 951-401-8083
Attn: Erick Baeza

Job Name: City of Visalia Conservation Plant Digester #4
Job Address: 7579 Ave 288
City / State / Zip: Visalia, CA 93277
Job Phone: 559-713-4469
Job Fax: 559-713-4168
Date of Plans: 2/14/23

Plans & Specs By: Parsons
Addenda Noted: N/A

Proposal Prepared By: Phil Martorano
Specification Section: **Digester Lid Coating - 09960-5 Appendix B**

FURNISH materials, labor and equipment per plans and specifications.

The following items are **INCLUDED**:

Surface preparation, coatings and painting per specification section 09960. Material coverage to meet the specified mil thicknesses.

Installation:

- 1) Parge coat 4,471 sf of concrete wall and ceiling surfaces with (1) coat of Ceilcote 680 M parge coat . (Coated walls Surface is from ceiling line down 6'-0").
- 2) Prime Coat 4,471 sf of concrete wall and ceiling surfaces with (1) coat of Intercure 670 HS (Coated walls Surface is from ceiling line down 6'-0").
- 3) Top coat 4,471 sf of concrete wall and ceiling surfaces with (1) coat of Polibrid 705E-125 mils (Coated walls Surface is from ceiling line down 6'-0").

Includes all required access, confined space requirements, application, surface preparation, power, complete.

The following items are **EXCLUDED**:

Dewatering Digester.
Storm Water Pollution Control Plan.
Weekends, Overtime, or Holiday work.
Access for other trades or contractors.
Excludes dehumidification equipment or other environmental controls.

DISCLAIMER: Polytech can not warranty failures caused by moisture vapor transmission rates that exceed manufacturer's recommended levels. Polytech is not responsible for and will not warrant coating failures caused by or associated with the concrete slab subfloor, conditions that can not be visually determined, occur after installation, or are beyond our control. All equipment that can be moved must be moved by owner.

Prevailing wage: Yes XXX No _____ Bonding included: Yes _____ No XXX _____

BASE BID

\$ 237,808.94

Total Cost

\$ 237,808.94

TERMS: Materials and mobilization in the amount of TBD are due upon approval of this proposal. Balance due upon completion of job. This proposal expires in 30 days if not accepted in writing. Polytech Standard One Year Warranty will apply to all projects unless otherwise addressed. This proposal is subject to approval of owner or contractor. By accepting this proposal you are agreeing to the terms and conditions of this proposal. This proposal must be made part of any subcontract that Polytech enters into.

Signature _____ Date _____ Signature _____ Date _____

Name _____ Name _____
Polytech

Company Name _____

Purchase Order # _____

From: Eric Oates <Eric.Oates@visalia.city>

Sent: Friday, September 15, 2023 6:12 AM

To: Ruben Moreno <rmoreno@wmlylesco.com>; Erick Baeza <EBaeza@wmlylesco.com>; Kevin Vieira <kvieira@wmlylesco.com>

Cc: Nick Bartsch <Nick.Bartsch@visalia.city>; Jessica Sandoval <Jessica.Sandoval@visalia.city>; Wyndi Ferguson <Wyndi.Ferguson@visalia.city>

Subject: Digester 4 Coating

Good morning,

We would like to get a quote for coating Digester #4.

The product we have used in past coating projects is Endura-Flex 1988. Attached is product data sheet.

Included in bids usually:

1. Preparation and coating of the interior concrete dome and 6 feet of wall. Digester has diameter of 62 feet.
2. Surfaces are to be prepared by grit blasting to remove latent, unsound concrete and provide a suitable surface for coating.
3. Grit blasted surfaces are to be washed with water or vacuumed to remove any remaining dust or non-adhered particles.
4. Prepared surface to be coated with Endura-Flex 1988 at 200 mils expanded and 25 mils solid.
5. Saw cuts will be made at termination points.
6. Bid to include scaffolding and removal and disposal of spent abrasive.
7. Acceptance and notification must be made prior to the completion and demobilization of the digester project.

ERIC OATES
CITY OF VISALIA
WRF MAINTENANCE SUPERVISOR
7579 AVE 288
VISALIA, CA 93277
PHONE: (559) 713-4469
FAX: (559) 713-4168
[MAILTO:ERIC.OATES@VISALIA.CITY](mailto:ERIC.OATES@VISALIA.CITY)

Erick Baeza

From: Eric Oates <Eric.Oates@visalia.city>
Sent: Monday, September 18, 2023 8:05 AM
To: Ruben Moreno; Erick Baeza; Kevin Vieira
Cc: Nick Bartsch; Jessica Sandoval; Wyndi Ferguson
Subject: RE: Digester 4 Coating

CAUTION: External Email.

Good morning,

No, the City will be finding our own inspector.

Thanks,

ERIC OATES
CITY OF VISALIA
WRF MAINTENANCE SUPERVISOR
7579 AVE 288
VISALIA, CA 93277
PHONE: (559) 713-4469
FAX: (559) 713-4168
MAILTO:ERIC.OATES@VISALIA.CITY

From: Ruben Moreno <rmoreno@wmlylesco.com>
Sent: Friday, September 15, 2023 7:10 PM
To: Eric Oates <Eric.Oates@visalia.city>; Erick Baeza <EBaeza@wmlylesco.com>; Kevin Vieira <kvieira@wmlylesco.com>
Cc: Nick Bartsch <Nick.Bartsch@visalia.city>; Jessica Sandoval <Jessica.Sandoval@visalia.city>; Wyndi Ferguson <Wyndi.Ferguson@visalia.city>
Subject: RE: Digester 4 Coating

Eric,

Will the City be requiring any special inspection? If so, will the City be hiring their own inspector, or is this something that you want us to provide as well?

Thank you,

Ruben Moreno, Jr. | Project Executive
W. M. LYLES CO. | Central Division
1210 W. Olive Ave. | Fresno, CA 93728
O 559-268-1540 | C 559-994-0607
www.wmlyles.com



Think before you print

Please access the hyperlink below for an important electronic communications disclaimer:
http://www.lylesgroup.com/disclaimer_wml.html

52.8632. CCO1

Final Audit Report

2023-10-11

Created:	2023-10-11
By:	Patricia Carreon (pcarreon@lylessc.com)
Status:	Signed
Transaction ID:	CBJCHBCAABAAlwlvbnXBBabqy0sbDS2xjLTDfWluXZX

"52.8632. CCO1" History

-  Document created by Patricia Carreon (pcarreon@lylessc.com)
2023-10-11 - 4:04:46 PM GMT
-  Document emailed to Kevin Shigematsu (kshigematsu@wmlylesco.com) for signature
2023-10-11 - 4:05:07 PM GMT
-  Email viewed by Kevin Shigematsu (kshigematsu@wmlylesco.com)
2023-10-11 - 5:31:37 PM GMT
-  Document e-signed by Kevin Shigematsu (kshigematsu@wmlylesco.com)
Signature Date: 2023-10-11 - 5:31:53 PM GMT - Time Source: server
-  Agreement completed.
2023-10-11 - 5:31:53 PM GMT



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