

COUNCIL ACTION FORM

SUBJECT: CHANGE ORDER 2 - WPCF DIGESTER IMPROVEMENT PHASE II PROJECT

BACKGROUND:

On October 9, 2018, the City Council awarded a construction contract to Shank Constructors, Inc. of Minneapolis, Minnesota, in the amount of \$2,165,200 for improvement to the Digester Complex at the Water Pollution Control Facility (WPCF).

As construction has progressed, items have been identified that need to be addressed and would result in a change to the contract. One previous change has been authorized by the Department Head in accordance with the City's Purchasing Policies, for an increase of \$23,063.

An additional change order is now needed. Below is a breakdown of what is included in Change Order 2.

Replace two 90-Degree Elbows with tees on Sludge Piping

During the construction phase, City staff determined that replacing the elbows with tees would be beneficial in reducing the labor and time involved with cleaning the sludge line. With a contractor on board performing similar work and the sludge line already planned to be isolated, this is the ideal time to perform this work. The total cost for this item is \$7,283.

Replace Suction and Discharge Piping on Diaphragm Pumps

During the design phase of this project, piping with noticeable defects was called out for replacement with the intent to add additional piping replacement as needed during construction. As the contractor has started to remove existing piping and staff has had chance to inspect the interior of the piping, it has become evident that additional piping replacement will be needed. In particular, the piping associated with the Primary Sludge Pumps has interior deterioration of the pipe lining. The interior lining is a critical component which provides corrosion and abrasion resistance. The total cost for this item is \$42,650.

The total cost for the change order is \$49,993. The cost for each of the items have been reviewed by City staff and the consulting engineers and determined to be reasonable. A copy of the change order is attached. On the following page is a summary of the project change orders, cost of each change order, and the revised total contract amount.

Original Contract Amount		\$2,165,200
Change Order 1		
Relocate 10" DG Piping	8,267	
CIP Concrete Spec. Addition	6,920	
Additional DG Pipe Fittings	7,876	
		\$23,063
Change Order 2		
Replace (2) 90 Degree Elbows with Tees	7,283	
Replace Additional Piping	42,650	
		\$49,933
Revised Contract Amount		\$2,238,196

In addition to the costs associated with these changes, the overall project schedule has been revised and working days have been added to account for the additional work. This change order adds: 17 days to the Milestone 1 completion date; 26 days to the Milestone 2 completion date; 61 days to the Substantial Completion date (now December 31, 2019); and, 57 days to the Final Completion date (now February 26, 2020).

The revised project budget has been adjusted to include this change order.

Engineering fees	515,700
Original Contract	2,165,200
Change Order #1	23,063
Change Order #2 (<i>This action</i>)	49,933
<u>Contingency</u>	<u>360,104</u>
Total Project Cost	3,114,000
Total Authorized Funding	4,247,499

ALTERNATIVES:

1. Approve Change Order Number Two in the amount of \$49,933 to Shank Constructors, Inc. of Minneapolis, Minnesota.
2. Do not approve the change order at this time.

MANAGER'S RECOMMENDED ACTION:

The consulting engineers, City staff, and Shank Constructors have worked together to come up with reasonable, cost effective recommendations. Rejecting the change order would result in impacts to the project that may affect the long term life of the digester complex.

Therefore, it is the recommendation of the City Manager that the City Council adopt Alternative 1, thereby approving Change Order Number Two with Shank Constructors in the amount of \$49,933.



DRAFT

May 8, 2019

CHANGE ORDER NO. 2

PROJECT: Digester Improvements Phase II
 OWNER: City of Ames
 CONTRACT: 2019-017
 CONTRACTOR: Shank Constructors, Inc.

Description of Change

2a	WCD No. 2—Replace two 90-degree elbows with tees on sludge piping.	ADD	\$7,283.00
2b	WCD No. 3—Replace suction and discharge piping on diaphragm pumps. Replace existing PVC piping with ductile iron piping at the digester sludge overflow piping.	ADD	\$42,650.00
2c	CPR No. 4—Relocate waste gas burner and associated piping to east of the digester complex. Delete the new road and grading west of the secondary digester.	ADD	\$0.00
TOTAL VALUE OF THIS CHANGE ORDER:		ADD	\$49,933.00

Contract Price Adjustment

Original Contract Price	\$2,165,200.00
Previous Change Order Adjustments	\$23,063.00
Adjustment in Contract Price this Change Order	\$49,933.00
Current Contract Price including this Change Order	\$2,238,196.00

Contract Milestone 1 Completion Date Adjustment

Original Contract Milestone 1 Completion Date	May 31, 2019
Contract Milestone 1 Completion Date Adjustments due to previous Change Orders	0 Days
Contract Milestone 1 Completion Date Adjustments due to this Change Order	17 Days
Current Milestone 1 Contract Completion Date including all Change Orders	June 17, 2019

Contract Milestone 2 Completion Date Adjustment

Original Contract Milestone 2 Completion Date	August 15, 2019
Contract Milestone 2 Completion Date Adjustments due to previous Change Orders	0 Days
Contract Milestone 2 Completion Date Adjustments due to this Change Order	26 Days
Current Milestone 2 Contract Completion Date including all Change Orders	September 10, 2019

City of Ames–Shank Constructors, Inc.
Contract 2019-017, Change Order No. 2
Page 2
May 8, 2019

DRAFT

Contract Substantial Completion Date Adjustment

Original Contract Substantial Completion Date	October 31, 2019
Contract Substantial Completion Date Adjustments due to previous Change Orders	0 Days
Contract Substantial Completion Date Adjustments due to this Change Order	61 Days
Current Substantial Contract Completion Date including all Change Orders	December 31, 2019

Contract Final Completion Date Adjustment

Original Contract Final Completion Date	December 31, 2019
Contract Final Completion Date Adjustments due to previous Change Orders	0 Days
Contract Final Completion Date Adjustments due to this Change Order	57 Days
Current Final Contract Completion Date including all Change Orders	February 26, 2020

This document shall become a supplement to the Contract and all provisions will apply hereto.

RECOMMENDED

_____	_____
ENGINEER–Strand Associates, Inc.®	Date

APPROVED

_____	_____
CONTRACTOR–Shank Constructors, Inc.	Date

APPROVED

_____	_____
OWNER–City of Ames	Date



Work Change Directive

Directive No.: _____ 02 _____		Contract No.: _____ 2019-017 _____	
Owner: _____ City of Ames, IA _____		By: _____ Travis Anderson _____	
Contractor: _____ Shank Constructors, Inc. _____		Date: _____ 05/08/2019 _____	
Description of Work	Cost Deduction	Cost Addition	
Replace two 90 deg elbows with tees on sludge transfer line.		\$7,283.00	
Total	<u> </u>	<u>\$7,283.00</u>	
Remarks:			
Change in Contract Price by:			
<input type="checkbox"/> Supplemental Unit Price		<input type="checkbox"/> Unit Price	
		<input checked="" type="checkbox"/> Lump Sum	
Requested by: _____ Strand Associates, Inc. _____		_____ 05/08/2019 _____ Date	
Recommended by: _____ Travis Anderson, Strand Associates, Inc.® (Engineer)		_____ Date	
Accepted by: _____ Marc Hanscom, Shank Constructors, Inc. (Contractor)		_____ Date	
Approved by: _____ Neil Weiss, City of Ames (Owner)		_____ Date	

--THIS FORM IS NOT A SUBSTITUTE FOR A PROPERLY PREPARED AND EXECUTED CHANGE ORDER--

Anderson, Travis

From: Neil Weiss <nweiss@city.ames.ia.us>
Sent: Wednesday, March 6, 2019 5:36 PM
To: Anderson, Travis
Cc: Marc@shankconstructors.com
Subject: Re: Additional Piping
Attachments: Digester Basement Tee's.jpeg; Sludge Transfer - Tee.jpeg

Marc-

Could you please provide cost for the following items?

1. We would like to add replacement of the two tee's highlighted in the attached picture (Sheet 24).
2. We would like to replace the (2) 90 degree elbows on the sludge transfer line with tee's. The current elbow is shown in the attached photo.

Thanks,



Neil Weiss, P.E.

Environmental Engineer

Ames Water & Pollution Control Department

515.239.5150 *main* | 515.370.4431 *cell* | 515.239.5251 *fax*

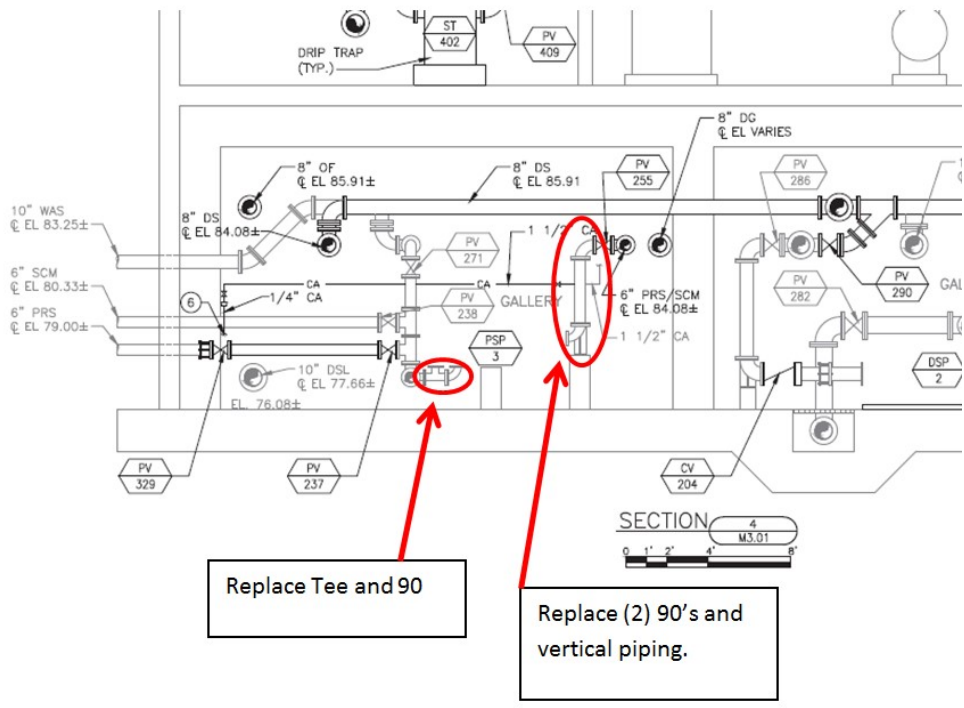
-----Neil Weiss/COA wrote: -----

To: "Anderson Travis" <Travis.Anderson@strand.com>
From: Neil Weiss/COA
Date: 03/04/2019 04:07PM
Cc: Marc@shankconstructors.com
Subject: Additional Piping

All,

Here is a summary of the additional piping that we would like to get a cost proposal for.

1. Sheet 28 Section 4: We would like to replace the piping circled in red below associated with each of the PSP's. The vertical pipe on the discharge side has a sample port that we would like to include with the new piping. I have included a photo in the attachments that shows the sample port.



2. Sheet 28 Section 3: Please see the attachment. In order to replace PVC with ductile, we will need to replace the remainder of the PVC called out for in the pictures.

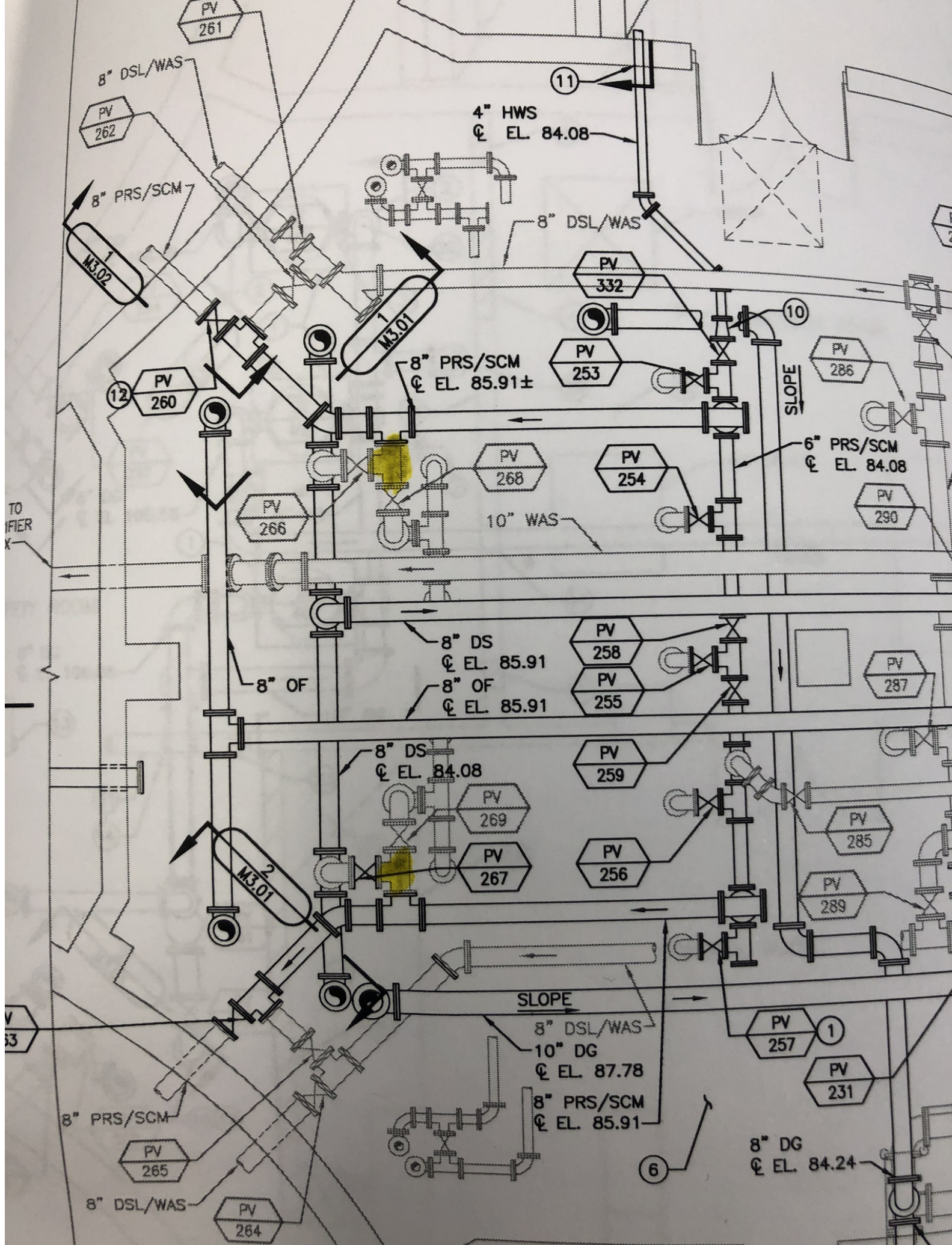
Neil Weiss, P.E.

Environmental Engineer

Ames Water & Pollution Control Department

515.239.5150 main | 515.370.4431 cell | 515.239.5251 fax

[attachment "Piping Replacement - PSP Sample Port.jpeg" removed by Neil Weiss/COA]
 [attachment "PVC Piping Sheet 28 Section 3.docx" removed by Neil Weiss/COA]



8" DSL/WAS

8" PRS/SCM

4" HWS
¢ EL. 84.08

8" DSL/WAS

8" PRS/SCM
¢ EL. 85.91±

SLOPE

6" PRS/SCM
¢ EL. 84.08

10" WAS

8" DS
¢ EL. 85.91

8" OF
¢ EL. 85.91

8" OF

8" DS
¢ EL. 84.08

SLOPE

8" DSL/WAS
10" DG
¢ EL. 87.78

8" PRS/SCM
¢ EL. 85.91

8" PRS/SCM

8" DSL/WAS

8" DG
¢ EL. 84.24

PR PRICING REQUEST

CONTRACTOR:

Shank Constructors, Inc.
 3501 85th Ave. N.
 Brooklyn Park, MN 55443
 SCI Project #1286

PROJECT:

Ames WWTP Digester Improvements
 Ames Iowa

OWNER:

City Of Ames IA

SCI CPR NO.: 4

DATE: 03/22/19

DESCRIPTION OF WORK: **Sludge Transfer 8" Tees**

COST DESCRIPTION	SUB CONTRACTOR	SHANK CONSTRUCTORS	TOTAL
Direct Cost Cost of Work			
Total Direct Cost	\$0	6,239.08	\$6,239
Contractor's Fees Markup on Subcontractor - 5% Markup on SCI - 15%			\$0 \$936
Total Direct Cost & Fees			\$7,175
Supplement Costs Bonds & Insurances - 1.5%			\$108
GRAND TOTAL			\$7,283

The cost of this change order includes only those direct costs which can be identified at this time. There are no red-line drawings of the changes, impact or ripple costs and no delay costs included in this proposal. Should it be determined at a later date that we are experiencing impact costs because of multiple changes, delays or other causes beyond our control, we will submit those costs at that time and expect to be paid for those costs.

Direct Job Time Extension:

We are unable to ascertain the time extension needed. Once the engineer has approved this change we will contact the supplier to obtain the time required.

Pricing is valid for 30 days, subject to review thereafter.



Work Change Directive

Directive No.: _____ 03 _____		Contract No.: _____ 2019-017 _____	
Owner: _____ City of Ames, IA _____		By: _____ Travis Anderson _____	
Contractor: _____ Shank Constructors, Inc. _____		Date: _____ 05/08/2019 _____	
Description of Work	Cost Deduction	Cost Addition	
Replace suction and discharge piping on 5 diaphragm pumps and replace PVC piping with glass lined ductile iron piping as shown in the attachments.		\$42,650.00	
Total		<u>\$42,650.00</u>	
Remarks:			
Change in Contract Price by:			
<input type="checkbox"/> Supplemental Unit Price		<input type="checkbox"/> Unit Price	
		<input checked="" type="checkbox"/> Lump Sum	
Requested by: _____ Strand Associates, Inc. _____		_____ 05/08/2019 _____ Date	
Recommended by: _____ Travis Anderson, Strand Associates, Inc.® (Engineer)		_____ Date	
Accepted by: _____ Marc Hanscom, Shank Constructors, Inc. (Contractor)		_____ Date	
Approved by: _____ Neil Weiss, City of Ames (Owner)		_____ Date	

--THIS FORM IS NOT A SUBSTITUTE FOR A PROPERLY PREPARED AND EXECUTED CHANGE ORDER--

PR PRICING REQUEST

CONTRACTOR:

Shank Constructors, Inc.
 3501 85th Ave. N.
 Brooklyn Park, MN 55443
 SCI Project #1286

PROJECT:

Ames WWTP Digester Improvements
 Ames Iowa

OWNER:

City Of Ames IA

SCI CPR NO.: 3 (Revised 2)

DATE: 05/08/19

DESCRIPTION OF WORK:

**Diaphragm Sludge Pump Fittings &
 Sheet 14 Section 3 PVC Replacement**

Note: Existing SS sample nipples and valves will be reused.

COST DESCRIPTION	SUB CONTRACTOR	SHANK CONSTRUCTORS	TOTAL
Direct Cost			
Cost of Work			
Exterior Solutions	\$300		
Fresh Blast	\$450		
Total Direct Cost	\$750	35,854.05	\$36,604
Contractor's Fees			
Markup on Subcontractor - 5%			\$38
Markup on SCI - 15%			\$5,378
Total Direct Cost & Fees			\$42,020
Supplement Costs			
Bonds & Insurances - 1.5%			\$630
GRAND TOTAL			\$42,650

The cost of this change order includes only those direct costs which can be identified at this time. There are no red-line drawings of the changes, impact or ripple costs and no delay costs included in this proposal. Should it be determined at a later date that we are experiencing impact costs because of multiple changes, delays or other causes beyond our control, we will submit those costs at that time and expect to be paid for those costs.

Direct Job Time Extension:

We are unable to ascertain the time extension needed. Once the engineer has approved this change we will contact the supplier to obtain the time required.

Pricing is valid for 30 days, subject to review thereafter.

SHANK CONSTRUCTORS, INC.

Ames WWTP Digester Improvement

CPR Itemized Breakdown

CPR 03 -			Material		Labor	
Size	Description	Qty.	Unit	Total	Unit	Hours
				-		
4"	DI Flanged Tee	5	193.00	965.00	3.06	15.3
4"	DI Flanged 90 (Updated)	5	179.00	895.00	2.13	10.7
4"x6"	DI Flanged Base 90	5	454.00	2,270.00	2.80	14.0
6"	DI Flanged 90 (Updated)	5	282.00	1,410.00	2.74	13.7
8"	DI Flanged Spool Pipe	1	303.00	303.00	3.46	3.5
8"	DI Flanged Pipe Riser	1	972.00	972.00	6.50	6.5
8"	DI Flanged Tee (Updated)	1	684.00	684.00	4.22	4.2
8"	DI Flanged 90 (for vent gooseneck) (Updated)	2	459.00	918.00	3.37	6.7
8"	Victaulic Split Flange	1	206.00	206.00	0.30	0.3
4"	Gaskets & Bolts	15	11.00	165.00	0.20	3.0
6"	Gaskets & Bolts	10	14.00	140.00	0.25	2.5
8"	Gaskets & Bolts	5	16.00	80.00	0.30	1.5
8"	EBBA Flange Adapter	2	171.93	343.86	1.00	2.0
6"	DI Flanged Pipe Riser w/3/4" Tap (Updated)	5	442.00	2,210.00	4.09	20.5
				-		
12"	Sano Tube per ft (Deleted)			-		
5/8"	Threaded Rod per ft (Deleted)		5.40	-		
5/8"	Plated Nut (Updated)	20	1.81	36.20	0.10	2.0
12"	3ft Round Concrete Base Pour & Rebar (Deleted)			-		
	Epoxy (Deleted)		50.00	-		
	Grout Base	5	5.00	25.00	0.40	2.0
				-		
	Demo			-		
4"	DI Flanged Tee	5		-	1.50	7.5
4"	Ductile Flanged 90	5		-	1.50	7.5
6"	DI Flanged Base fitting (Updated to salvage existing anchors)	5		-	3.00	15.0
6"	DI Flanged Riser	5		-	1.75	8.8
6"	DI Flanged 90	5		-	1.75	8.8
	Concrete Base (Deleted)			-		
8"	PVC Tee	1		-	3.00	3.0
8"	PVC Riser	1		-	4.00	4.0
8"	Spool	1		-	2.00	2.0
				-		
	Transportation to Site	1		750.00		
	Consumable Tools	1	\$1,375.82	162.00		
	Safety	1	Updated			4.0
	Cleanup	1	Updated			8.0
	Non-Productive Supervision\New Layout\Redesign	1	Updated			27.0
	Change Docum., Drwgs, Schedule & As-Built Costs	1				13.0
	TOTALS			12,535.06		216.8
	Labor Rate		\$107.55			
	Labor Total			23,318.99		
	Sales Tax - 0%					
	TOTAL MATERIAL & LABOR			35,854.05		

C&B will test 10 randomly selected samples

1790								
1800			CHANGE ORDER PRICING/05/08/2019					
1810	5	EA	04" FLG TEE	GLS/PC	325	\$193.00	\$965.00	
1820	5	EA	04" FLG 90	GLS/PC	300	\$179.00	\$895.00	
1830	5	EA	06x04" FLG BASE 90	GLS/PC	275	\$453.80	\$2,269.00	
1840	5	EA	06" FLG 90	GLS/PC	325	\$281.50	\$1,407.50	
1850	1	EA	08" FLG TEE	GLS/PC	155	\$683.50	\$683.50	
1860	2	EA	08" FLG 90	GLS/PC	210	\$459.75	\$919.50	
1870	1	EA	08" VIC ST 341 FLG (M, NO B/N)	/PC	17	\$205.65	\$205.65	
1880	5	EA	06"x 3' 4 1/4" FLG x FLG	GLS/PC	548	\$342.42	\$1,712.10	
1880	1		TOTAL WEIGHT FOR ABOVE DIP			1,507		
1890	1	EA	APPROX. FREIGHT CHARGE; ONE SHIPMENT				#VALUE!	\$450.00
1900	1		TOTAL ALL ITEMS LISTED ABOVE				#N/A	\$9,507.25

(+\$100 for Each Pipe Tap (Drill + Tap + Repair Glass Lining))

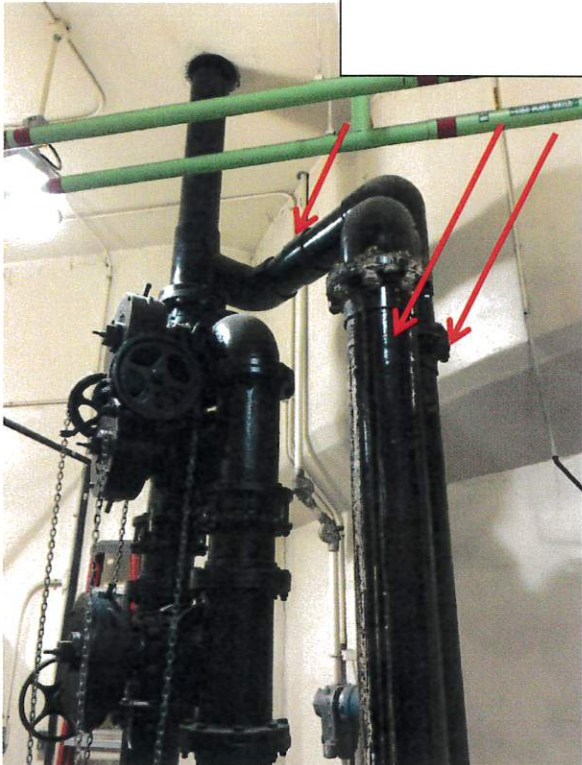


Sheet 28 Section 3: The horizontal PVC line is called out to be replaced as shown in the photo below. In order to tie back into the vertical piping, the PVC above the last ductile flange should to be replaced with ductile.

PVC Piping called out in specs to be replaced with ductile



The arrows indicate existing PVC that will need to be changed out to ductile.





Cost Proposal Request
Digester Improvements Phase II
City of Ames, Iowa
Contract 2019-017
April 8, 2019

COST PROPOSAL NO.: 004

TO: Shank Constructors, Inc.
ISSUED BY: Travis Anderson

DISTRIBUTION

Marc Hanscom	Shank Constructors, Inc.
Neil Weiss	City of Ames, Iowa
Travis Anderson	Strand Associates, Inc.®

Please submit an itemized quotation for changes in the Contract Price and Time incidental to proposed modifications to the Contract Documents described herein.

NTS: THIS IS NOT A CHANGE ORDER NOR A DIRECTIVE TO PROCEED WITH THE WORK DESCRIBED HEREIN.

DESCRIPTIONS AFFECTING THE DRAWINGS

Drawing 05-CME1.01 Sheet 8

- 004-01 Move waste gas burner, equipment pad, and guard posts to location east of Secondary Digester No. 1 as shown on the enclosed drawing in green. Route NG piping and DG piping to new location. Slope DG piping minimum 1/4-inch per foot along piping route with high point at bend to waste gas burner. Elevation of waste gas burner concrete pad shall be approximately 3-inches above existing grade. Coordinate locations of guard posts with Owner.
- 004-02 Delete work associated with new gravel road near original waste gas burner location.
- 004-03 Delete work associated with grading the area around original waste gas burner location.

LEGEND:

- EXISTING ASPHALT PAVEMENT
- EXISTING SIDEWALK/CONCRETE PAVEMENT
- EXISTING GRAVEL
- NEW ASPHALT PAVEMENT
- NEW SIDEWALK/CONCRETE PAVEMENT
- EROSION CONTROL MAT
- STONE MULCH
- NEW GRAVEL

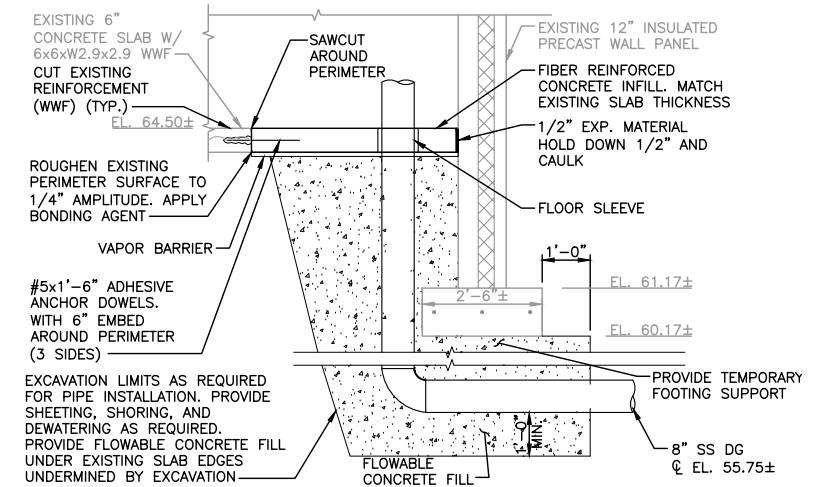
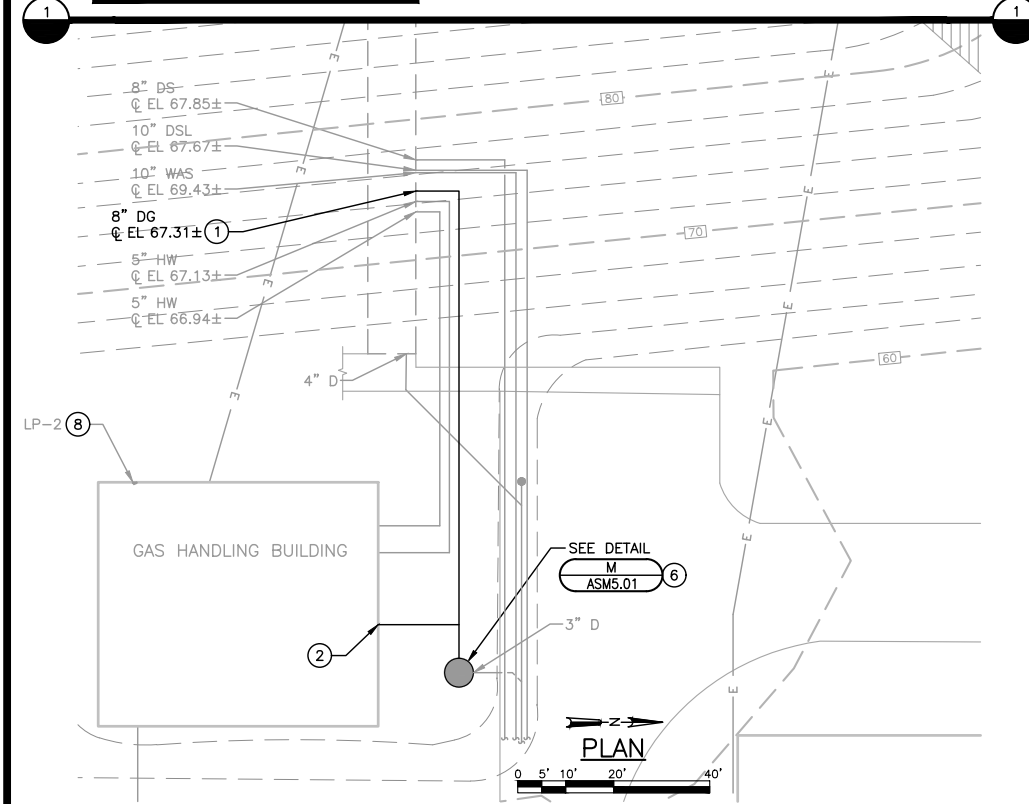
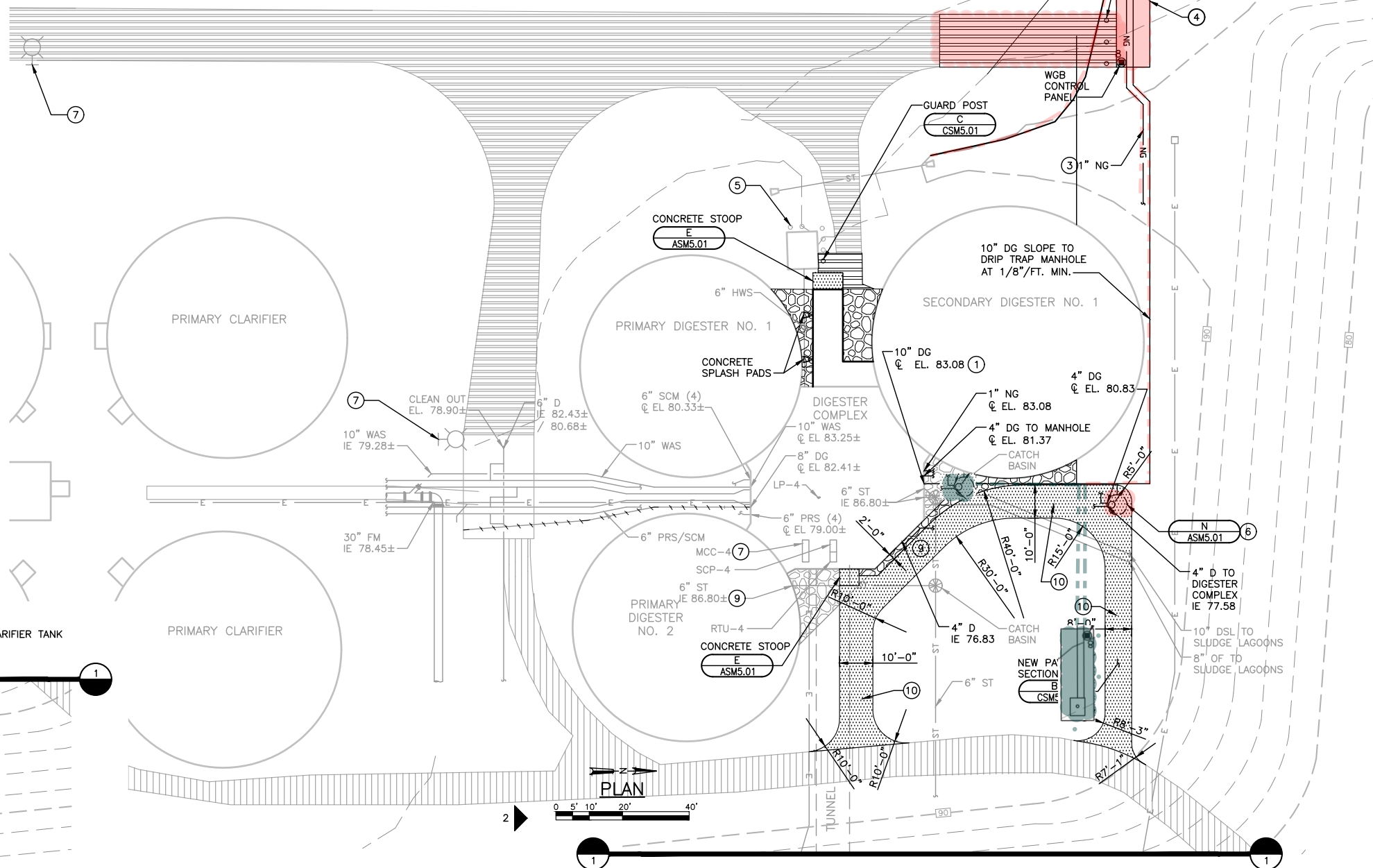
GENERAL NOTES:

1. SEE 05-D1.01 FOR GENERAL NOTES.
2. THESE DRAWINGS DO NOT INDICATE ALL PIPE FITTINGS REQUIRED TO INSTALL YARD PIPING AS SHOWN. CONTRACTOR IS RESPONSIBLE FOR DETERMINING AND PROVIDING ALL REQUIRED FITTINGS.
3. UNLESS SHOWN OR NOTED OTHERWISE, PROVIDE MINIMUM 5'-0" COVER OVER ALL NEW PIPING OR PROVIDE INSULATION PER DETAIL **D** CSM5.01.
4. BURY NATURAL GAS PIPING MINIMUM 3'-0" BELOW GRADE.
5. MH-MANHOLE- DRAWING 01-975-43A AND SPECIFICATIONS.
6. LOCATIONS AND ELEVATIONS OF EXISTING PIPING, BUILDINGS, ELECTRICAL SERVICES, AND OTHER SITE FEATURES ARE APPROXIMATE. CONTRACTOR SHALL COMPLY WITH GENERAL CONDITIONS, SUPPLEMENTARY CONDITIONS, AND DIVISION 1 OF PROJECT MANUAL AND FIELD VERIFY, COORDINATE AND BE RESPONSIBLE FOR SURFACE AND SUBSURFACE STRUCTURE LOCATIONS REQUIRED FOR EXCAVATIONS AND OTHER WORK.
7. ALL 120V EQUIPMENT ON THIS SHEET SHALL BE POWERED FROM LP-4 IN THE DIGESTER COMPLEX, UNLESS OTHERWISE NOTED.
8. REFER TO SPECIFICATION SECTION 26 09 90 FOR WIRING ASSOCIATED WITH THE PLANT SCADA SYSTEM.



BENCH MARK:

POINT #9007
 NORTHING = 3445158.28
 EASTING = 4902718.92
 ELEVATION = 103.94
 DISCRPTION: CUT TRIANGLE SW OF SW PRIMARY CLARIFIER TANK



CONCRETE SLAB REPLACEMENT

NO SCALE

KEY NOTES:

- 1 PROVIDE HDPE TO SS TRANSITION FITTING.
- 2 PROVIDE HDPE TO SS TRANSITION FITTING AT THE GAS HANDLING BUILDING. CONTRACTOR SHALL VERIFY SIZE, LOCATION, AND ELEVATION OF EXISTING CONNECTION AND PROVIDE ALL NECESSARY REDUCERS AND FITTING FOR TRANSITION TO HDPE. ROUTE NEW SS PIPING INTO GAS HANDLING BUILDING AND CONNECT TO EXISTING DIGESTER GAS PIPING AT FIRST FLANGED CONNECTION. SEE DETAIL **A** 05-CME1.01 FOR CONCRETE SLAB REPLACEMENT.
- 3 ROUTE 1" NG FROM DIGESTER COMPLEX TO NEW WASTE GAS BURNER.
- 4 NEW WASTE GAS BURNER, SEE DETAIL **E** CSM5.01
- 5 EXISTING GUARD POST TO REMAIN (TYP. OF 5).
- 6 ALL ELECTRICAL WORK AND EQUIPMENT IN MANHOLE AND WITHIN A 5'-0" RADIUS/ENVELOPE FROM MANHOLE VENT/HATCH SHALL BE RATED FOR CLASS I, DIVISION 1, GROUPS C AND D LOCATIONS. ALL ELECTRICAL WORK AND EQUIPMENT WITHIN A 5'-0" TO 10'-0" RADIUS/ENVELOPE OF MANHOLE VENT/HATCH SHALL BE RATED FOR CLASS I, DIVISION 2, GROUPS C AND D LOCATIONS.

KEY NOTES CONTINUED:

- 7 EXPOSE EXISTING 3/4" CONDUIT AROUND EXISTING POLE BASE AS REQUIRED TO EXTEND TO RELOCATED LIGHT POLE. PROVIDE 2~#10 AND #10 GROUND IN 3/4" CONDUIT FROM EXISTING LIGHT POLE TO RELOCATED LIGHT POLE TO MAINTAIN EXISTING FUNCTIONALITY. EXISTING LIGHTS ARE POWERED AT 277V FROM MCC-4. COORDINATE FINAL LOCATION WITH OWNER PRIOR TO INSTALLATION. EXTEND EXISTING 1 1/2" CAMERA CABLE CONDUIT TO RELOCATED POLE. OWNER WILL PROVIDE NEW CAMERA CABLES.
- 8 PROVIDE 2~#12 AND #12 GROUND IN 3/4" CONDUIT FROM SEPARATE EXISTING SPARE 20A, SINGLE-POLE BREAKERS IN LP-2 TO NEW EXHAUST FAN AND TO HT-5 POWER CONNECTION.
- 9 PROTECT EXISTING 6" HDPE STORM SEWER PIPING.
- 10 SLOPE CONCRETE PAVEMENT TO DRAIN AWAY FROM STRUCTURES WITH NO PONDING ON PAVEMENT.

NO.	REVISIONS	DATE
1	ISSUED FOR BID	8/17/2018
2	ADDENDUM NO.1	9/21/2018

SITE
YARD PAVING, PAVING, AND ELECTRICAL PLAN
 DIGESTER IMPROVEMENTS PHASE II
 WATER POLLUTION CONTROL FACILITY IMPROVEMENTS
 AMES, IOWA

JOB NO.
4429.002
PROJECT MGR.
RANDY WIRTZ



SHEET
8
05-CME1.01

From: Anderson, Travis
Sent: Monday, May 6, 2019 9:38 AM
To: Austin, Samantha
Subject: FW: Waste gas burner

From: John Lewis <John@shankconstructors.com>
Sent: Monday, April 15, 2019 1:24 PM
To: Anderson, Travis <Travis.Anderson@strand.com>; Neil Weiss <nweiss@city.ames.ia.us>
Cc: Marc Hanscom <Marc@shankconstructors.com>; Randy Hinders <Randy@shankconstructors.com>; Wirtz, Randy <Randy.Wirtz@strand.com>; Brian Shank <Brian@shankconstructors.com>
Subject: RE: Waste gas burner

At this time now that the location has been finalized we are proposing a No Cost change with schedule extension, I am currently working on adjusting the schedule to submit the requested time. Feel free to contact me to discuss.

Thanks,

From: Anderson, Travis [<mailto:Travis.Anderson@strand.com>]
Sent: Monday, April 15, 2019 12:19 PM
To: Neil Weiss; John Lewis
Cc: Marc Hanscom; Randy Hinders; Wirtz, Randy; Brian Shank
Subject: RE: Waste gas burner

John/Marc, any updates on this?

From: Anderson, Travis
Sent: Monday, April 8, 2019 10:07 AM
To: 'Neil Weiss' <nweiss@city.ames.ia.us>; John Lewis <John@shankconstructors.com>
Cc: Marc Hanscom <Marc@shankconstructors.com>; Randy Hinders <Randy@shankconstructors.com>; Wirtz, Randy <Randy.Wirtz@strand.com>; Brian Shank <Brian@shankconstructors.com>
Subject: RE: Waste gas burner

See the attached CPR for this change. Please provide the cost proposal today or tomorrow so that we can finalize this change as soon as possible.

Thanks,
Travis

From: Neil Weiss <nweiss@city.ames.ia.us>
Sent: Friday, April 5, 2019 3:51 PM
To: John Lewis <John@shankconstructors.com>
Cc: Anderson, Travis <Travis.Anderson@strand.com>; Marc Hanscom <Marc@shankconstructors.com>; Randy Hinders <Randy@shankconstructors.com>; Wirtz, Randy <Randy.Wirtz@strand.com>; Brian Shank <Brian@shankconstructors.com>
Subject: Re: Waste gas burner

Please proceed with the change and we can talk about the price difference next week.

Thanks,

Neil Weiss, P.E.

Environmental Engineer
Ames Water & Pollution Control Department
515.239.5150 *main* | 515.370.4431 *cell* | 515.239.5251 *fax*

-----"John Lewis" <John@shankconstructors.com> wrote: -----

To: "Anderson, Travis" <Travis.Anderson@strand.com>
From: "John Lewis" <John@shankconstructors.com>
Date: 04/05/2019 03:29PM
Cc: "Marc Hanscom" <Marc@shankconstructors.com>, "Randy Hinders" <Randy@shankconstructors.com>, "Neil Weiss" <nweiss@city.ames.ia.us>, "Wirtz, Randy" <Randy.Wirtz@strand.com>, "Brian Shank" <Brian@shankconstructors.com>
Subject: Re: Waste gas burner

Are we to proceed with this change or are we to stop work pending pricing and approval? At some point Monday we'll likely be as far as we can go until we have an answer. Feel free to give me a call to discuss.

Thanks,

John

On Apr 5, 2019, at 3:04 PM, Anderson, Travis <Travis.Anderson@strand.com> wrote:

Following up from our discussion yesterday, it is acceptable to relocate the waste gas burner to the east side of the digesters as shown in the attached sketch. There will also be modifications to the new gravel driveway due to the new location. We will send a cost proposal request on Monday with further details. The City would still prefer that the light pole gets moved, but we will likely adjust the location from that shown on the current drawings.

Marc/Randy H. - if you have feedback regarding the exact location let us know. I believe we are well away from the electrical lines with the new location, but please confirm.

<image001.png> **Travis Anderson, P.E.**
Strand Associates, Inc.®
608.251.4843 ext. 1023
travis.anderson@strand.com | www.strand.com
P.E. (IA, WI)

Excellence in Engineering Since 1946.

From: Neil Weiss <nweiss@city.ames.ia.us>
Sent: Friday, April 5, 2019 2:14 PM
To: Anderson, Travis <Travis.Anderson@strand.com>
Subject: Re: Waste gas burner

Anderson, Travis

From: Marc Hanscom <Marc@shankconstructors.com>
Sent: Monday, May 6, 2019 8:49 AM
To: Anderson, Travis
Cc: 'Neil Weiss'
Subject: CO# 2 Contract Dates

Travis,

Please include the following contract date changes to CO# 2.

1. Milestone 1, June 17 2019
2. Milestone 2, September 10 2019
3. Substantial Completion, December 31 2019
4. Final Completion, February 26 ~~2019~~

2020

Thank you

Marc Hanscom



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Brooklyn Park, MN 55443

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763-238-8751 (Cell)
763-424-8300 (Shank Office)
763-424-8303 (Fax)