Clinton
Hub City of Western Oklahoma

Agenda Commentary

Item Title/ Subject: Change Order No.4 Authorization, Chemical Building Project, Lake Plant

Staff Source: Gene McCullough, Public Works Director

Date: January 30, 2025

History/Background Information: Per RFI-009. The plumbing drain line out of the building was not shown to tie into anything. RFI confirmed to tie into existing line from PAC silo. This is 70LF of additional 4" drain piping which must be installed.

Recommendation: Engineers recommend authorization of Change Order No. 4.

Price/Cost: $5,014.91

CHANGE PROPOSAL NO. 4

WALTERS-MORGAN CONSTRUCTION, INC. | **REFERENCE ENGINEER # 152308** | **JOB NO. 224-04**
PROJECT: Clinton Lake Water Treatment Plant Chlorine Building | **OWNER #** | **DATE 23-Jan-25**

DESCRIPTION: Per RFI-009. The plumbing drain line out of the building was not shown to tie into anything. RFI confirmed to tie into existing line from PAC silo. This is 70LF of additional 4" drain piping which has to be installed.

Item Description	Qty	Unit	Labor Unit $	Labor Total	Mat Unit $	Mat Total	Sub Unit $	Sub Total	Equip Unit $	Equip Total	Total
Walters-Morgan - Labor	70.00	LF	23.25	1627.50	0.00	0.00	0.00	0.00	0.00	0.00	1627.50
Walters-Morgan - Equipment	1	week	0.00	0.00	0.00	0.00	0.00	0.00	1000.00	1000.00	1000.00
Winwater	1	lsum	0.00	0.00	421.54	421.54	0.00	0.00	0.00	0.00	421.54
Compaction Test	3	ea	0.00	0.00	0.00	0.00	364.00	1092.00	0.00	0.00	1092.00
		ea	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
		ea	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
		ea	0.00	0.00	65.10	0.00	0.00	0.00	0.00	0.00	0.00
Direct Cost Subtotals				$1,627.50		$421.54		$1,092.00		$1,000.00	$4,141.04

Payroll Taxes & Insurance (35%)	$0.00	$0.00
SUBTOTAL with PT&I		$4,141.04
Contractor's Fee (15% adds 5% deducts)		$457.36
Fee on Subcontractor (5%)		$54.60
SUBTOTAL INCLUDING FEE		$4,653.00
Jobsite G&A Expense on Adds (6.5% of Direct Costs)		$302.44
SUBTOTAL W/O BOND	**SUBTOTAL**	$4,955.44
Bonds & Insurance (1.2%)	**BOND / INSUR COST**	$59.47
CHANGE TOTAL WITH BOND	**TOTAL WITH BOND**	**$5,014.91**

ADDITIONAL TIME REQUESTED: Zero (0) Calendar Days

REQUEST FOR INFORMATION

RFI No.: 9
DATE: 11/20/2024

TO: Burns & McDonnell
615 N. Hudson, Suite 200
Oklahoma City, OK 73102
ATTN: Michelle Cuellar

Clinton Lake WTP Chlorine Building
WMCI Project #: 224-04

This is to inform you of questions, clarification and/or problems on this project the response to which may impact the process, cost, and/or scheduled completion date. If we feel your response affects the project schedule, and/or cost, we will notify you of the effect under separate cover.

A. QUESTION FOR CLARIFICATION: (attach additional page if needed)

Drawing/Specification Reference: P002, C004, C005

On P004 it shows the 4" SS leaving the building and the continuation of that line is to be on the civil drawings. There is no 4" SS line shown on the civil drawings. Please provide location of where the 4" SS line is to be run to and tied in.

Please Respond by: 11/27/2024

Location: Civil

Signature: Chris Thurlow - Project Manager
Contractor
Date: 11/20/2024

Priority: **High** Medium Low

Cost Impact: No
Schedule Impact: No

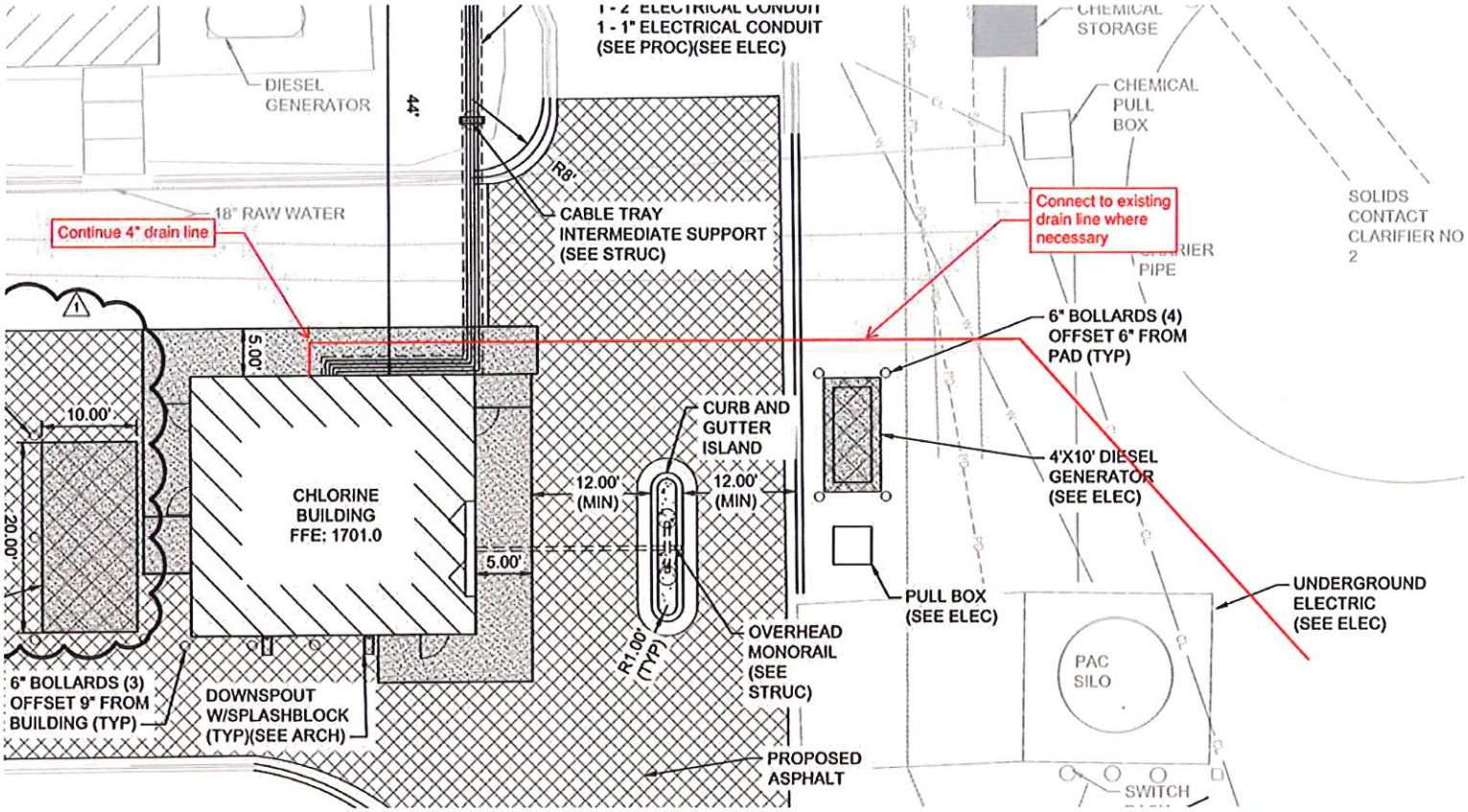
Copies to: FILE

B. REPLY TO CLARIFICATION REQUEST: (attach additional page if needed)

Continue 4" plumbing drain line to connect to existing drainpipe that daylights east of the pac silo

Signature: McKenna Belcher
Date: 01/13/25
Title:
Copies to:

h:\const\exc\RFI form


1 - 2" ELECTRICAL CONDUIT
1 - 1" ELECTRICAL CONDUIT
(SEE PROC)(SEE ELEC)
CHEMICAL STORAGE
DIESEL GENERATOR
44'
CHEMICAL PULL BOX
R8'
CABLE TRAY INTERMEDIATE SUPPORT (SEE STRUC)
18" RAW WATER
Continue 4" drain line
Connect to existing drain line where necessary
SOLIDS CONTACT CLARIFIER NO 2
PIPE
6" BOLLARDS (4) OFFSET 6" FROM PAD (TYP)
5.00'
10.00'
CURB AND GUTTER ISLAND
CHLORINE BUILDING FFE: 1701.0
12.00' (MIN)
12.00' (MIN)
4'X10' DIESEL GENERATOR (SEE ELEC)
20.00'
5.00'
PULL BOX (SEE ELEC)
UNDERGROUND ELECTRIC (SEE ELEC)
R1.00' (TYP)
OVERHEAD MONORAIL (SEE STRUC)
PAC SILO
6" BOLLARDS (3) OFFSET 9" FROM BUILDING (TYP)
DOWNSPOUT W/SPLASHBLOCK (TYP)(SEE ARCH)
PROPOSED ASPHALT
SWITCH

2024

WMCI EQUIPMENT LOCATION & STATUS

Make	Model	Current Location	Job Number	Daily	Weekly	Monthly	Rent Start	Rent Stop	Days Total	Ren
Takeuchi	TL 10	Yard	Shop	$300	$1,000	$2,900				$2,9
Takeuchi	**TL 10V-2**	**Salina**	**03-2301**	**$300**	**$1,000**	**$2,900**	**12/1/24**	**12/31/24**	**30**	**$2,9**
Bobcat	T66	Davis WWTP	02-2307	$300	$1,000	$2,900	12/1/24	12/31/24	30	$2,9
Terex	American HC-60	Stilwell WTP	02-2401	$1,400	$4,100	$12,000	12/1/24	12/31/24	30	$12,
Koehring	440 40T	Yard	Shop	$1,400	$4,100	$12,000				$12,
Terex	American HC-60	Davis WWTP	02-2307	$1,400	$4,100	$12,000	12/1/24	12/31/24	30	$12,
Terex	**RT 230**	**Salina**	**03-2301**	**$900**	**$2,600**	**$7,500**	**12/1/24**	**12/31/24**	**30**	**$**
Terex	RT 335	Yard	Shop	$900	$2,700	$8,000				$8,0
Grove	YB4408	Yard	Shop	$600	$1,700	$5,000				$5,0
Terex	**RT 555-1**	**Salina**	**03-2301**	**$1,000**	**$2,900**	**$8,400**	**12/1/24**	**12/31/24**	**30**	**$8,4**
Terex	RT 555-1	WPC 23-4	02-2304	$1,000	$2,900	$8,400	12/1/24	12/31/24	30	$8,4
Tadano	**GR550XL**	**Salina**	**03-2301**	**$1,000**	**$2,900**	**$8,400**	**12/1/24**	**12/31/24**	**30**	**$8,4**
Volvo	**EC160 BLC**	**Salina**	**03-2301**	**$900**	**$2,600**	**$7,600**	**12/1/24**	**12/31/24**	**30**	**$7,6**
Hyundai	290 LC-9	0	0	$900	$2,600	$7,600	12/1/24	12/31/24	30	$7,6
Hyundai	290 LC-9	Manhattan Lagoons	02-2406	$900	$2,600	$7,600	12/1/24	12/31/24	30	$7,6
Hyundai	290 LC-9	Stilwell WTP	02-2401	$900	$2,600	$7,600	12/1/24	12/31/24	30	$7,6
Hyundai	250 LC-9	Yard	Shop	$900	$2,600	$7,600				$7,6
Volvo	EC 290CL	Davis WWTP	02-2307	$900	$2,600	$7,600	12/1/25	12/11/25	10	$5,2
Volvo	ECR 58	Stilwell WTP	02-2401	$300	$1,000	$3,000	12/1/24	12/31/24	30	$3,0
Volvo	ECR 58	Cherokee County	02-2313	$300	$1,000	$3,000	12/1/24	12/31/24	30	$3,0
Volvo	ECR 58D	Clinton Chlorine	02-2404	$300	$1,000	$3,000	12/2/24	12/31/24	29	$3,0
Volvo	**ECR 58D**	**Salina**	**03-2301**	**$300**	**$1,000**	**$3,000**	**12/1/24**	**12/31/24**	**30**	**$3,0**
Volvo	EC 300EL	Stilwell WTP	02-2401	$900	$2,600	$7,600	12/1/24	12/31/24	30	$7,6
Volvo	EC 300E	Clinton Chlorine	02-2404	$900	$2,600	$7,600	12/11/25	12/31/25	20	$7,6
Volvo	ECR 58D	Davis WWTP	02-2307	$300	$1,000	$3,000	12/1/24	12/31/24	30	$3,0
Case	580L	Yard	Shop	$200	$600	$1,700				$1,7
Volvo	L-60	Clinton Chlorine	02-2404	$500	$1,500	$4,500	12/1/24	12/31/24	30	$4,5
Volvo	L-110	Manhattan Lagoons	02-2406	$600	$1,900	$5,500	12/1/24	12/31/24	30	$5,5
Volvo	L-70F	Lincoln A3 PS	02-2311	$500	$1,500	$4,500	12/1/24	12/31/24	30	$4,5
Volvo	**L-60F**	**Salina**	**03-2301**	**$500**	**$1,500**	**$4,500**	**12/1/24**	**12/31/24**	**30**	**$4,5**

Chris Thurlow

From: Alan Teeter <aeteeter@winsupply.com>
Sent: Thursday, January 23, 2025 9:38 AM
To: Chris Thurlow
Subject: Re: [External Sender] Clinton Add

Chris,

No problem sir!

4" Sch40 BE PVC Pipe - $3.92 per ft - 20' sticks 80' = 313.60

4" Sch40 HxH PVC 90 Bend - $13.52 Ea 2 = 27.04

4" Sch40 HxHxH PVC Wye - $22.67 Ea 1 = 22.67

4" Sch40 HxH PVC 45 Bend - $11.23 Ea 4 = 44.92

4" Sch40 PVC Repair Coupler - $13.31 Ea 1 = 13.31

On Thu, Jan 23, 2025 at 9:20 AM Chris Thurlow <cthurlow@waltersmorgan.com> wrote:

> Alan,
>
> Can you get me pricing for the following.
>
> 80' of SCH40 PVC Drain line
>
> (2) 4" 90 Bend
>
> (1) 4" Y fitting
>
> (3) 4" 45 bends
>
> (1) 4" Repair Coupling
>
> Thanks,

Chris Thurlow
Project Manager

Walters-Morgan Construction, Inc.
5961 Corporate Drive
Manhattan, KS 66503
Desk – (785) 539-7513 ext.129
Cell – (785) 706-1664

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Alan Teeter
Treatment Plant Sales
Cell: 816-699-6833

ESTIMATED TOTAL COST

Description	Est. Quantity	Unit	Unit Price	Est. Total
SITEWORK				
Moisture/Density Relationship Test			$ 165.00	$
Atterberg Limits			$ 95.00	$
No. 200 Sieve Analysis			$ 45.00	$
Washed Aggregate Sieve Analysis			$ 85.00	$
Engineering Technician			$ 48.00	$
Senior Engineering Technician (Proofrolling)			$ 58.00	$
Concrete Cylinders			$ 15.00	$
Nuclear Gauge (Flat Daily Rate)			$ 55.00	$
Vehicle Trip Charge			$ 165.00	$
TOTAL SITEWORK/UTILITY				$
BUILDING CONCRETE				
Engineering Technician (Slabs and Grade Beams)			$ 48.00	$
Senior Engineering Technician (Drilled Piers)			$ 58.00	$
Concrete Cylinders			$ 15.00	$
Vehicle Trip Charge			$ 165.00	$
TOTAL BUILDING CONCRETE				$
STRUCTURAL MASONRY				
Senior Engineering Technician (Masonry)			$ 58.00	$
Grout Prisms			$ 25.00	$
Mortar Cubes			$ 25.00	$
Vehicle Trip Charge			$ 165.00	$
TOTAL STRUCTURAL MASONRY				$
STRUCTURAL STEEL				
Certified Welding Inspector			$ 125.00	$
NDT Mobilization			$ 125.00	$
Vehicle Trip Charge			$ 165.00	$
TOTAL STRUCTURAL STEEL				$
ENGINEERING/MANAGEMENT				
Administrator/Clerical/Dispatch			$ 55.00	$
Project Manager/Report Review			$ 125.00	$
Principal Engineer			$ 185.00	$
TOTAL ENGINEERING/MANAGEMENT				$
ESTIMATED TOTAL COST				$

UNIT RATES

FIELD SERVICES	UNIT RATE
1. Engineering Technician	$ 48.00/hour
2. Senior Engineering Technician (Masonry, Drilled Piers, Floor Flatness, Etc.)	$ 58.00/hour
3. Certified Welding/Structural Steel Inspector	$ 125.00/hour
4. Nuclear Gauge Rental	$ 55.00/day
5. NDT Mobilization	$ 125.00/day

3 hour round trip

ENGINEERING/ADMINISTRATIVE SERVICES	
1. Project Manager/Report Review	$ 125.00/hour
2. Project Principal	$ 185.00/hour
3. Administrator/Clerical/Scheduling	$ 55.00/hour
4. Final Certification Letter	$ 350.00/each

LABORATORY SERVICES	
1. Compressive strength testing, curing & disposal of 4x8 concrete cylinders	$ 15.00/each
2. Compressive strength testing, curing & disposal of 6x12 concrete cylinders	$ 20.00/each
3. Compressive strength testing, curing and disposal of mortar cubes	$ 25.00/each
4. Compressive strength testing, curing and disposal of grout prisms	$ 25.00/each
5. Standard Proctor Moisture Density Relationships ASTM D-698	$ 165.00/each
6. Modified Proctor Moisture Density Relationships ASTM D-1557	$ 195.00/each
7. Atterberg Limits Tests	$ 95.00/each
8. Washed Sieve Analyses	$ 45.00/each
9. Aggregate Washed Grain Size Analysis	$ 85.00/each
10. Lime Series	$ 150.00/each
11. Lime Gradations	$ 25.00/each

ADDITIONAL SERVICES (IF REQUIRED)	
1. Masonry Block Prism	$ 500.00/each
2. Coring Crew Mobilization	$ 250.00/each
3. Core Crew	$ 100.00/hour
4. Concrete Mix Design Review	$ 650.00/each
5. Floor Flatness / Floor Levelness Testing	$ 350.00/visit
6. SWPPP Monitoring	$ 250.00/visit
7. Fireproofing/Firestopping Technician	$ 75.00/hour
8. Wood Framing Technician	$ 75.00/hour
9. On-Site Concrete Curing Container	$ 50.00/pour

ECS' materials testing services will be rendered portal-to-portal from our office in Oklahoma City, Oklahoma. There will be a 3 hour minimum charge for services rendered on this project; billing will be based on specific units reflecting only the actual time spent and tests performed on behalf of this project with a transportation cost of $165.00 per round trip as mileage related expenses. Our unit rates are based on a normal 8 hour work day, Monday through Friday, between normal business hours of 6:00 a.m. to 6:00 p.m. Overtime beyond 8 hours/day, 40 hours/week, outside normal hours Saturdays, Sundays, Same Day Scheduling, and Holidays will be invoiced at a rate of 1.5 times the normal hourly rate indicated above.