

BOARD OF PUBLIC WORKS AND SAFETY
Agenda Request Form

(Form B-01-2012)

Organizations and individuals are asked to submit a request form and supporting documents to be placed on the agenda. You will be contacted by the City confirming the date of the meeting in which your request will be heard. Please make sure that your contact information is accurate in case we need to get in touch with you. The Board of Works meets on the 1st and 3rd Monday of each month at 5:00 p.m. in City Hall located at 70 E. Monroe Street.

Date Submitted:	06/30/20	Meeting Date:	07/06/20
Contact Information:			
Requested by:	Sally Brown		
On Behalf of Organization or Individual		DPW	
Telephone:	317-736-3640		
Email address:	sbrown@franklin.in.gov		
Mailing Address:	796 South State Street, Franklin, IN 46131		
Describe Request			
Need approval of Change Order #1 and Substantial Completion & Punchlist			
List Supporting Documentation Provided:			
Phosphorus Removal and UV Replacement Project: Change Order #1			
Substantial Completion & Punchlist			
Who will present the request?			
Name:	Gary Ruston/Wessler Engineering	Telephone:	317-788-4551

In order for an individual and/or agency to be considered for new business on the Board of Works agenda, this reservation form and supporting documents must be received in the Mayor's office no later than 4:00 p.m. on the Wednesday before the meeting.

Change Order No. 1

Date of Issuance: March 26, 2020

Effective Date: June 19, 2020

Project: **Chem-P Removal & UV
System Replacement**

Owner: **City of Franklin, IN**

Owner's Contract No.: **N/A**

Contract: **N/A**

Date of Contract: **August 5, 2019**

Contractor: **Mitchell & Stark Construction Co., Inc.**

Engineer's Project No.: **204918.06.01**

The Contract Documents are modified as follows upon execution of this Change Order:

Description: **See Attachment A**

Attachments: (List documents supporting change): **Attachment A**

CHANGE IN CONTRACT PRICE:

Original Contract Price:

\$ 2,077,900.00

[Increase] [Decrease] from previously approved Change Orders:

\$ 0

Contract Price prior to this Change Order:

\$ 2,077,900.00

Increase of this Change Order:

\$ 16,664.00

Contract Price incorporating this Change Order:

\$ 2,094,564.00

CHANGE IN CONTRACT TIMES:

Original Contract Times: ☐ Working days ☒ Calendar days

Substantial completion (days or date): **365 days**

Ready for final payment (days or date): **400 days**

[Increase] [Decrease] from previously approved Change Orders:

Substantial completion (days): **0 days**

Ready for final payment (days): **0 days**

Contract Times prior to this Change Order:

Substantial completion (days or date): **365 days**

Ready for final payment (days or date): **400 days**

[Increase] [Decrease] of this Change Order:

Substantial completion (days or date): **0 days**

Ready for final payment (days or date): **0 days**

Contract Times with all approved Change Orders:

Substantial completion (days or date): **365 days**

Ready for final payment (days or date): **400 days**

RECOMMENDED:

By: 
Engineer (Authorized Signature)

Date: **6/29/2020**

Wessler Engineering

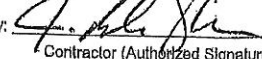
ACCEPTED:

By: _____
Owner (Authorized Signature)

Date: _____

City of Franklin, IN

ACCEPTED:

By: 
Contractor (Authorized Signature)

Date: **6-29-2020**

Mitchell & Stark Construction Co., Inc.

PROJECT:

OWNER:

CONTRACTOR:

DESCRIPTION, PURPOSE & JUSTIFICATION OF CHANGE

ADD

DEDUCT

Item No. 1 – Install New SS Slide Gate

\$16,664.00

Attached Correspondence:

Wessler FTM #003 dated 3/04/2020

M&S Letter Proposal dated 03/26/2020

Contractor to install new SS Slide Gate at the SNDR Reactor.

Total Additions and Deletions \$16,664.00

FTM NO. 003

WESSLER ENGINEERING
City of Franklin, IN
Franklin WWTP Chem-P & UV
FIELD TRANSMITTAL MEMORANDUM

CONTRACTOR
Mitchell & Stark

MONTH	DAY	YEAR
03	04	2020

SUBJECT: SNDR Reactors Slide Gate

REFERENCE: See attached documents

Please provide detailed cost estimate to install new stainless-steel slide gate at the SNDR Reactor. Slide Gate Spec 11290

cc: Sally Brown, WWTP Supt
Tim Bullock, WWTP Operations
David Burch, M&S Supt
File: 204918.06.01

WESSLER ENGINEERING

By	<small>Digitally signed by Monte A. Gardner DN: cn=US, e=monteg@wesslerengineering.com, ou=Wessler Engineering, cn=Monte A. Gardner Date: 2020.09.19 08:08:04-00'</small>
Name: Monte A Gardner	
Title: PROJECT MANAGER	

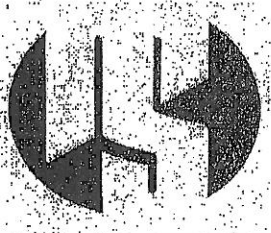
- e. Opening Direction: Upward
 - f. Frame Mounting: Embedded
 - g. Minimum Vertical Movement of Gate: 50"
 - h. Head Condition: Seating and Unseating (2'-0" measured from CL of gate)
 - i. Operator: Manual
-

6. Slide Gate No. 6

- a. Location: SNDR Reactors
- b. Channel Depth (invert to operating floor): N/A
- c. Nominal Gate Size: 42" W x 24" H
- d. Nominal Frame Size: 42" W x 44" H
- e. Opening Direction: Downward
- f. Frame Mounting: Surface Mounted
- g. Minimum Vertical Movement of Gate: 18"
- h. Head Condition: Seating and Unseating (1'-0" measured from CL of gate)
- i. Operator: Manual Hand Crank with Floor Stand, Rising Stem

7. Acceptable Manufacturers: RW Gate or WACO

-END-



Mitchell & Stark Construction Co., Inc.
Engineers and Contractors

P.O. Box 219 • 170 West First Street
Medora, IN 47260
Phone: (812) 966-2151
Fax: (812) 966-2862

PROPOSAL

DATE: 3/26/2020

PROJECT: Franklin, IN WWTP

ATTN: Monte Gardner
Wessler Engineering

REF: SNDR Slide Gate Installation

PAGES: 3

Monte,

As requested, we propose to install a stainless steel slide gate at the opening in the SNDR tanks divider wall. The gate will be per the attached RW Gate proposal. The total cost of the work is \$16,664, as follows:

Stainless Steel Slide Gate	\$7,610.00
Labor to Install	\$7,040.00
Moving of Electrical Conduit	\$ 550.00
OH&P	\$1,464.00
Total	\$16,664.00

Thank you,

Mitchell & Stark Const. Co., Inc.

J. Adam Sparks



RW GATE
COMPANY

RW GATE COMPANY
79 102nd Street - Suite 100
TROY, NEW YORK 12180
OFFICE: 518-874-4750
FAX: 518-274-0210
WEBSITE: www.rwgate.com

QUOTATION

March 12, 2020

To: Mitchell & Stark Construction

Quotation #QT01021430

Project: Franklin, IN WWTP - Chem-P/UV
Wessler Engineering

Dear Mr. Sparks:

Following is our quotation for the Stainless Steel Weir Gate on the referenced project. Our offering is as follows:

Item No. 01 - SNDR Reactors

Qty. - Size: One (1) Model RW750-S Weir Gate - 42" wide x 24" tall

Distance from the Invert of the Opening to the Operating Floor: 4.08'

Design Seating Head / Design Unseating Head (from invert to MWL): 4' / 4'

Dwg No.:

Description: The AWWA C561 compliant, non self-contained, downward-opening weir gate will be constructed of 304/304L stainless steel with self-adjusting UHMWPE seals along the sides and invert and an EPDM top seal. A single, rising, 304 stainless steel operating stem and clear plastic stem cover will be provided.

Operating Mechanism: floorstand mounted, manual crank-operated gearbox

Mounting Style: Gate frame will be wall mounted with stainless steel adhesive anchors and non-shrink grout. Anchor studs, nuts and washers are included.

NOTE: The gate will not be air tight. The gate will restrict leakage of wastewater to 0.05 gpm/ft of wetted seal perimeter or less.

TOTAL SELLING PRICE (Expedited Delivery): \$ 7,610

GENERAL: Our quotation is based on the information provided and the description listed herein. Please review the quotation and advise our local representative, **Brad Smith of Sullivan Environmental at 812-605-2506**, if there are any discrepancies between the details on this quotation and the actual requirements. The pricing and deliveries listed in the body of the quotation will be held for 60 days from the bid date on Page 1.

RW Gate is ISO 9001:2015 certified. RW Gate complies with AIS and Buy American requirements.

INCLUDED: Submittal drawings, installation instructions and O&M manuals. Installation instructions will be forwarded with the equipment. Information will be sent electronically unless otherwise indicated by the customer.

EXCLUDED: The following items are specifically excluded unless mentioned in the body of the quotation; demolition, installation, field measurements, stuffing box, concrete, grout, gaskets, mastic, grating, hand rail, cover plates, epoxy for anchors and all taxes including local and state sales tax.

PAYMENT: Net 30 days. Please contact RW Gate prior to payment via credit card. An additional charge may be necessary when paying by credit card.

FREIGHT: Full freight to project site included. Unloading will be the responsibility of others.

STANDARD DELIVERY: Submittal drawings will ship within 3 weeks of receipt of a purchase order. The weir gate will ship 8-10 weeks after receipt of approved submittal drawings. Please contact our local representative for expedited or extended delivery dates.

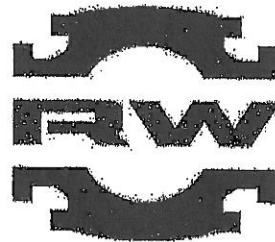
EXPEDITED DELIVERY: Submittal drawings will ship within 1 week or less of receipt of a purchase order. The weir gate will ship 5-6 weeks after receipt of approved submittal drawings. Please contact our local representative for expedited or extended delivery dates.

FIELD SERVICE: Field service is not included. If field service is required, please contact our local representative for revised pricing. Please provide a 2-week notice for field service.

Best Regards,

Evan Whipps

Evan Whipps
RW Gate Company
ewhipps@rwgate.com



www.RWGATE.com

CERTIFICATE OF SUBSTANTIAL COMPLETION

Owner:	City of Franklin, IN	Owner's Contract No.:	N/A
Contractor:	Mitchell & Stark Construction Co., Inc.	Contractor's Project No.:	
Engineer:	Wessler Engineering, Inc.	Engineer's Project No.:	204918.06.01
Project:	Chemical-P Removal & UV System Replacement		

This Final Certificate of Substantial Completion applies to:

☒ All Work ☐ The following specified portions of the Work:

Milestone Dates of Completed Scope of Work/Operation – see attached letter from Mitchell & Stark

June 18, 2020

Date of Substantial Completion

The Work to which this Certificate applies has been inspected by authorized representatives of Owner, Contractor, and Engineer, and found to be substantially complete. The Date of Substantial Completion of the Work or portion thereof designated above is hereby established, subject to the provisions of the Contract pertaining to Substantial Completion. The date of Substantial Completion in the final Certificate of Substantial Completion marks the commencement of the contractual correction period and applicable warranties required by the Contract.

A punch list of items to be completed or corrected is attached to this Certificate. This list may not be all-inclusive, and the failure to include any items on such list does not alter the responsibility of the Contractor to complete all Work in accordance with the Contract.

The responsibilities between Owner and Contractor for security, operation, safety, maintenance, heat, utilities, insurance, and warranties upon Owner's use or occupancy of the Work shall be as provided in the Contract, except as amended as follows: *[Note: Amendments of contractual responsibilities recorded in this Certificate should be the product of mutual agreement of Owner and Contractor; see Paragraph 15.03.D of the General Conditions.]*

Amendments to Owner's
responsibilities:

☒ None
☐ As follows

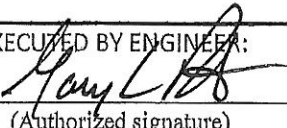
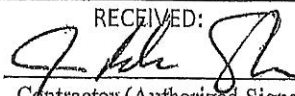
Amendments to

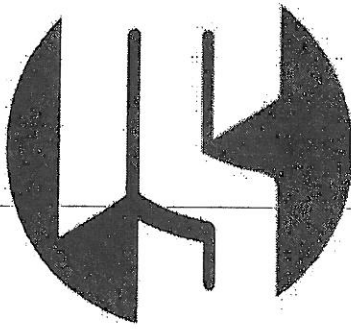
Contractor's responsibilities:

☒ None
☐ As follows:

The following documents are attached to and made a part of this Certificate: Letter from M&S; Punchlist 6/18 & 25/2020

This Certificate does not constitute an acceptance of Work not in accordance with the Contract Documents, nor is it a release of Contractor's obligation to complete the Work in accordance with the Contract.

EXECUTED BY ENGINEER:		RECEIVED:		RECEIVED:	
By:		By:		By:	
	(Authorized signature)		Owner (Authorized Signature)		Contractor (Authorized Signature)
Title:	SR. PROJECT MANAGER	Title:		Title:	PROJECT MANAGER
Date:	6/29/2020	Date:		Date:	6-29-2020



MITCHELL & STARK CONSTRUCTION CO., INC.
Engineers and Contractors

P.O. Box 219 • 170 West First Street
Medora, Indiana 47260

Phone: (812) 966-2151

Fax: (812) 966-2862

6-18-2020

Mr. Gary Ruston, P.E.
Wessler Engineering
6219 South East Street
Indianapolis, IN 46227

Mr. Ruston,

In accordance with Article 15.03 of the Contract Standard General Conditions, we request a Certificate of Substantial Completion be issued on the Franklin Wastewater Treatment Plant UV Disinfection & Phosphorus Removal Project effective June 18, 2020. The project had the following milestone dates:

- HVAC work was completed and commissioned on 10-29-2020
- UV Disinfection System was completed and commissioned on 3-27-2020
- Chemical Feed System was completed and commissioned on 6-17-2020

A sample draft of punch-list items to be completed is as follows

• Grating at existing UV channel, Delivery Expected 6/26/20	\$1200
• Slide Gate installation per CO#1, Delivery Expected 6/22/20	\$16,664
• Removal of old roof vent pipes & patching, Panel Delivery 6/26/20	\$3,000
• Replace faulty flow switch at o/s emergency shower	\$500
• Replace faulty power switch at Chemical Feed Control Panel	\$500
• Install Thermostat for Exhaust Fan	\$200
• Gutters and Downspouts	\$1,000
• Final Copies of O&M Manuals	\$2,000

Sincerely,

Adam Sparks

Adam Sparks, Project Manager
Mitchell & Stark Construction Co., Inc.

CITY of FRANKLIN, INDIANA
WWTP - CHEM-P REMOVAL & UV SYSTEM REPLACEMENT
PUNCHLIST- June 18 & 25, 2020

ITEM #	DESCRIPTION	VALUE	CHECKED
1. GENERAL AREAS & ADMINISTRATIVE			
1.a.	Provide As-Builts	—	
1.b.	Provide O & M Manuals - Submit to Engineer for Review/ Record	\$1,500.00	
1.c.	Provide Start Up Reports & Training Certificates - Submit to Engineer for Review/ Record	\$1,000.00	
1.d.	Reseeding of areas where noted will be treated as a warranty item - contractor will handle in the fall when weather is more favorable	\$500.00	
		\$0.00	
2. UV Storage & Structure			
2.a.	Remove concrete splatters on canopy columns - may need to be painted after cleaned	—	
2.b.	Remove concrete splatters from sawcutting on CMU near entry doors	\$300.00	
2.c.	Paint piping in Meter Vault	\$100.00	
2.d.	Grating support at UV level sensors	\$100.00	
		\$200.00	
3. Chem-P Building			
3.a.	Replace faulty flow switch at o/s emergency shower	—	
3.b.	Replace faulty power switch at Chem-P Feed Control Panel	\$500.00	
3.c.	Apply waterproofing coating exterior of CMU	\$500.00	
3.d.	Install Thermostat for Exhaust Fan - make sure it works	\$1,000.00	
3.e.	Finalize Tank Level Sensors -BL Anderson	\$500.00	
3.f.	Clean & Paint floor drains - upper level	\$500.00	
		\$100.00	
4. Electrical			
4.a.	Missing emergency light fixture in Chem-P Building	—	
4.b.	SCADA HMIScreen not working. Maxim waiting on power supply	\$500.00	
	Analog and digital signals are all in one conduit from ChemP attic down to PLC. This may cause an issue with noise in the analog signals.	\$1,000.00	
4.c.	Plans shows separate. If there is an issue after start-up, the signals should be separated out in another circuit	\$1,500.00	
4.d.	Confirm all wire in attic is in conduit	\$500.00	
4.e.	Provide spare parts as specified	\$1,000.00	
4.f.	Label all panels, disconnects, panels and other equipment as specified	\$1,000.00	
4.g.	Confirm all SCADA signals are working correctly for Chem-P and Sludge Pumps	\$1,000.00	

Total amount to be held in retainage is equal to 200% of the value of the remaining items to be completed:

SUBTOTAL	\$13,300.00
TOTAL PUNCHLIST (200% X \$13300)	\$26,600.00

7	WORK NOT STARTED		
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CITY of FRANKLIN, INDIANA
 WWTP - CHEM-P REMOVAL & UV SYSTEM REPLACEMENT
 PUNCHLIST- June 18 & 25, 2020

ITEM #	DESCRIPTION	VALUE	CHECKED
7.a.	Change Order #1 - SNDR Slide Gate	\$16,664.00	
7.b.	Grating at existing UV Channel	\$1,200.00	
7.c.	Gutters and Downspouts at Chem-P Building	\$1,000.00	
7.d.	Removal of old roof vent pipes & patching metal roof deck	\$3,000.00	
7.e.	Install SPD in UV Storage Building	\$1,000.00	
SUBTOTAL		\$22,864.00	

TOTAL PUNCHLIST AND WORK NOT STARTED \$49,464.00