

Hooksett Sewer Commission
Minutes
November 5, 2018

INITIAL	COMMENTS
B	
RB	
GPK	

This meeting was called to order at 12:00pm. Present were Chairman Sidney Baines, Commissioner Frank Kotowski, Commissioner Richard Bairam, Superintendent Bruce Kudrick, Guy Beloin and Kim Langlois.

Approve and Sign Manifest

Approve and Sign minutes from October 15, 2018 meeting

Commissioner Richard Bairam made motion to accept the October 15, 2018 minutes as read. Commissioner Frank Kotowski seconded, all in favor. The motion was carried unanimously.

Read Correspondence

Financial Report: Guy came in and gave a brief overview of the Sewer Commissions accounts

Scheduled Appointments: 12:30pm TBuck wrap up meeting **RE: Phase III Capital improvements**

Underwood/TBuck: Please see the attached agenda and meeting minutes for details and list of attendee's. Commissioner Frank Kotowski made motion to accept and allow the change order for the new mini-split AC unit in the electrical/blower room in the amount of \$8,079.75 and the splitter box modifications in the amount of \$5,376.25. Commissioner Richard Bairam seconded, all in favor. The motion was carried unanimously.

Superintendent's Report:

TRC Meeting: TRC meeting is today November 5, 2018 at 1:00pm. Bruce has requested that they change the time of these meetings so he can attend. They conflict with the Sewer Commissions scheduled meetings however the meeting times remain unchanged. Bruce is unable to attend due to the conflicting times.

Benton Road: Merchant Motors owns land on Benton road, Bruce has heard it is their intention to sell this land to a developer that wants to put up sports domes. Bruce has heard that there is no intention on hooking up to sewer.

7 Lehoux Drive: There is an addition being added to 7 Lehoux Drive, it is supposed to just be additional shop space however Commissioner Baines was questioning whether or not tools would be washed and if grease would be dispensed into the sewer. Bruce said that he is looking into this further.

Transfer switch: Bruce received a price for the new transfer switch needed at the Merrimack pump station, from Richardson Electric in the amount of \$5700.00.

Pump Station: Bruce has a copy of the plans for the new pump station he is reviewing them and marking the areas of concern to address with Stantec.

Old Business: None

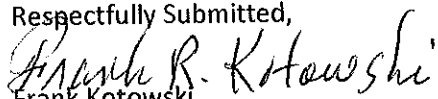
New Business: The next Commissioner's meeting is November 19, 2018
Full Scale Pilot Test Scheduled for November 13, 2018 @ 9:00am

Non-Public Session: The commission did not go into non-public session

Public Input: None

Adjournment: Chairman Sidney Baines made motion to adjourn at 12:55pm, Commissioner Richard Bairam seconded, all in favor. The motion was carried unanimously.

Respectfully Submitted,


Frank Kotowski

Clerk

**Hooksett Sewer Commission
Hooksett, NH
Phase III Capital Improvements**

INITIAL	COMMENTS
B	
FRK	

Construction Progress Meeting No. 08 Agenda

**12:30 p.m – Monday, November 5, 2018
Hooksett Wastewater Treatment Facility**

Attendees

Sid Baines
Frank Kotowski
Turk Bairam
Bruce Kudrick
Kim Langlois
David Mercier, PE
Margaret Blank, PE
Terry Buck
Mark McPheters
Tim Cunningham
Dan Dudley

Chairman
Commissioner
Commissioner
Superintendent
Clerk
Senior Project Manager
Senior Project Engineer
Owner
Project Manager
Superintendent
Construction Review

Representing

Hooksett Sewer Commission
Hooksett Sewer Commission
Hooksett Sewer Commission
Hooksett Sewer Commission
Hooksett Sewer Commission
Underwood Engineers
Underwood Engineers
T. Buck Construction, Inc.
T. Buck Construction, Inc.
T. Buck Construction, Inc.
NHDES

PROJECT SUMMARY

Contract Start Date:	May 7, 2018
Substantial Completion:	September 2, 2018 / 120 days.
Final Completion:	October 2, 2018 / 150 days.
Contract Time Elapsed:	182 days / 153% to substantial completion (as of meeting date).
Contract Amount:	\$634,670.84
Amount Billed to Date:	\$586,859.02 / 93.0% (Pay Req # 6)

NEW BUSINESS

1. Contact List

No changes.

2. Submittals

- Current submittal log attached.
- Reviews outstanding.
 - None.

- O&M Manuals.
 - Blowers – under review.
 - Chemical feed pumps – under review.
 - Chemical tank mixer – under review.
 - I&C and SCADA upgrades – under review.
 - MCC and components – under review.
 - VFDs – **to be submitted**
 - Slide gates – **to be submitted**

3. Request for Information

None outstanding.

4. Work Completed to Date

Completed since Project Meeting No. 7:

- Sludge pipe post-lining/repair CCTV completed.
- Weir plate height reduced by five inches and reinstalled.
- LCS punch list items complete.

5. Schedule of Work for the Next Month

- **T. Buck to provide updated schedule (required for each progress meeting)**
- Blower room mini-split system.
- Old weir box modifications.
- VFD site visit – 11/8/2018
- Complete punchlist items (attached)

6. Change Order Items

- CO #4 – Previously approved by HSC
 - Modifications to screen support legs - \$2,401.20.
 - Relocate small electrical box for NRCY leak detection in electrical/blower room - \$1,716.75.
 - New ambient temperature sensor in Electrical/Blower Room - \$1,023.50.
 - Subtotal: \$5,141.45
- Pending change order items
 - Splitter box modifications - \$5,376.25
 - New mini-split AC unit in Electrical/Blower Room – \$8,079.75
 - Drill holes in bottom of old weir boxes (2) - \$1,163.83
 - Contact time:
 - Need to decide on substantial completion date with changes/change orders.
 - Need to revise substantial and final completion dates by C.O. #4.

7. Payment Request Status

- Payment request No. 6 processed.

8. Construction Issues

9. Other

- Full-scale pilot test – planning meeting scheduled for November 13 at 9:00 AM.

Copies to: Donald Winterton – Hooksett Town Council; Dave Cloutier – NHDES.

Hooksett punch list 10/8/2018

1. New gauge on discharge to read above 60 inches. Blower runs at about 72 inches typically.
NOTE: Blower submittal calls for a gauge to 200 inches.
2. Provide gauges on air lines at IFAS tanks.
3. O&M manuals.
4. Blower manual and start up paperwork.
5. LCS chem feed programming changes. Polymer to MgOH. Correct in SCADA but not in feed room.
6. Make sure MgOH high level is correct. Set at 1175 gallons now.
7. Containment alarm - Ayer Elec. Polymer containment alarm was removed and not replaced.
Needs replaced.
8. Mixer timer programming at SCADA.
9. Signs and labeling chem feed and blower, vds, control panel.
10. Ultrasonic level trans for mix tank needs calibration.
11. ARV drain to flanged 22.5-degree bend to be completed.
12. Confirm repaired sludge line tested.
13. VFDs. Need to fix MgOH feed pump leak detection alarm and air sparge blower high motor temp alarm.

T. Buck Construction, Inc.**PROPOSAL****6**249 Merrow Rd Auburn, ME 04210
207-783-6223 * FAX 207-783-3970

Proposal Submitted to: Underwood Engineers Inc.		Phone: 603-230-9898 email: mblank@underwoodengineers.com	Date: 7/31/18
Street: 99 North State Street		Job Name Phase 3 Capitol Improvements	
City, State & Zip Code: Concord, NH 03301		Job Location: Hookset, NH	
Engineer: Margaret E. Blank, P.E.	Date of Plans:		Job Phone:

We hereby submit specifications and estimate for:

Cost for Global Welding and Fabrication to shorten sparger support legs.

Global	12 ea	\$75.00 ea	\$900.00
Additional site labor including labor to drop off and pick up at Global	24 mhrs	\$49.50	\$1,188.00
15% Overhead and Profit			\$313.20
Total			\$2,401.20

We Propose hereby to furnish material and labor complete in accordance with above specifications, for the sum of:

\$2,401.20

All material is guaranteed to be as specified. All work to be completed workmanlike manner according to standard practices. Any alteration or deviation from above specifications involving extra costs will be executed only upon written orders, and will become an extra charge over and above the estimate. All agreements contingent upon strikes, accidents or delays beyond our control. Owner to carry fire, tornado and other necessary insurance. Our workers are fully covered by Workman's Compensation Insurance.

Authorized
Signature

 Mark McPheters

 Note: This proposal may be withdrawn
 by us if not accepted within _____ days.

Acceptance of Proposal- The above prices, specifications and conditions are satisfactory and are hereby accepted. You are authorized to do the work as specified. Payment will be made as outlined above.

Date of acceptance _____

Signature _____

Signature _____

T. Buck Construction, Inc.**PROPOSAL****8**249 Merrow Rd Auburn, ME 04210
207-783-6223 * FAX 207-783-3970

Proposal Submitted to: Underwood Engineers Inc.		Phone: 603-230-9898 email: mblank@underwoodengineers.com	Date: 9/11/18
Street: 99 North State Street		Job Name: Phase 3 Capital Improvements	
City, State & Zip Code: Concord, NH 03301		Job Location: Hookset, NH	
Engineer: Margaret E. Blank, P.E.	Date of Plans:		Job Phone:

We hereby submit specifications and estimate for:

Labor, materials tools and equipment to relocate existing leak detection control panel.

Ayer Electric	\$1,635.00
5% Overhead and Profit	\$81.75
Total	\$1,716.75

Clarifications

1 Design and engineering

We Propose hereby to furnish material and labor complete in accordance with above specifications, for the sum of:

\$1,716.75

All material is guaranteed to be as specified. All work to be completed workmanlike manner according to standard practices. Any alteration or deviation from above specifications involving extra costs will be executed only upon written orders, and will become an extra charge over and above the estimate. All agreements contingent upon strikes, accidents or delays beyond our control. Owner to carry fire, tornado and other necessary insurance. Our workers are fully covered by Workman's Compensation Insurance.

**Authorized
Signature**

 Mark McPheters

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Date of acceptance _____**Signature** _____**Signature** _____

T. Buck Construction, Inc.

PROPOSAL

10

249 Merrow Rd Auburn, ME 04210
207-783-6223 * FAX 207-783-3970


Proposal Submitted to: Underwood Engineers Inc.		Phone: 603-230-9898 email: mblank@underwoodengineers.com	Date: 9/21/18
Street: 99 North State Street		Job Name: Phase 3 Capital Improvements	
City, State & Zip Code: Concord, NH 03301		Job Location: Hookset, NH	
Engineer: Margaret E. Blank, P.E.	Date of Plans:		Job Phone:

We hereby submit specifications and estimate for:

T. Buck construction proposes to complete the following as described by LCS. "Our price for adding a High Temperature Thermostat with programming for alarm annunciation and display is \$515.00 (\$115.00 material, \$400.00 labor). As an alternative, we can provide a temperature transmitter for \$890.00 (\$490.00 material, \$400.00 labor) that will give you continuous temperature monitoring and trending that may be more useful in predicting the need for ventilation than a simple high alarm switch."

Option 1	Temperature switch	\$515.00
	15% Overhead and profit	\$77.25
	Total	\$592.25
Option 2	Temperature transmitter	\$890.00
	15% Overhead and profit	\$133.50
	Total	\$1,023.50

workmanlike manner according to standard practices. Any alteration or deviation from above specifications involving extra costs will be executed only upon written orders, and will become an extra charge over and above the estimate. All agreements contingent upon strikes, accidents or delays beyond our control. Owner to carry fire, tornado and other necessary insurance. Our workers are fully covered by Workman's Compensation Insurance.

Signature 
Mark McPheters

Note: This proposal may be withdrawn by us if not accepted within _____ days.

Acceptance of Proposal- The above prices, specifications and conditions are satisfactory and are hereby accepted. You are authorized to do the work as specified. Payment will be made as outlined above.
Date of acceptance _____

Signature _____
Signature _____

T. Buck Construction, Inc.249 Merrow Rd Auburn, ME 04210
207-783-6223 * FAX 207-783-3970**PROPOSAL****7B**

Proposal Submitted to: Underwood Engineers Inc.		Phone: 603-230-9898 email: mblank@underwoodengineers.com	Date: 11/2/18
Street: 99 North State Street		Job Name: Phase 3 Capital Improvements	
City, State & Zip Code: Concord, NH 03301		Job Location: Hookset, NH	
Engineer: Margaret E. Blank, P.E.	Date of Plans:	Job Phone:	

We hereby submit specifications and estimate for:

Labor, materials tools and equipment to delete two each deflector plates and add one each slide gate, and grating at splitter box per Underwood ESI #24. Existing grating is 1 1/4" and is not strong enough for the span. Proposal is for 1 3/4" grating notched to fit inside the existing embed. Shelf angle to be provided to support the grating.

Global			\$5,450.00
Credit deflector plates			-\$1,500.00
Delete grating at top of splitter box			-\$1,200.00
Shop fabrication to cut down weir plates			\$250.00
Reinstallation of weir			
Job super	8 mhrs	\$95.00 hr	\$760.00
Laborers	12 mhrs	\$45.00 hr	\$540.00
Lul	1 day	\$750.00 day	\$375.00
15% Overhead and Profit			\$701.25
Total			\$5,376.25

Clarifications

- 1 Proposal does not include design of stiffening angles on slide gate
- 2 Slide gate frame to be extruded aluminum with UHMW guides
- 3 Proposal requires a five week time extension, if revised submittals are required add an additional two weeks plus review time.

We Propose hereby to furnish material and labor complete in accordance with above specifications, for the sum of:

\$5,376.25

All material is guaranteed to be as specified. All work to be completed workmanlike manner according to standard practices. Any alteration or deviation from above specifications involving extra costs will be executed only upon written orders, and will become an extra charge over and above the estimate. All agreements contingent upon strikes, accidents or delays beyond our control. Owner to carry fire, tornado and other necessary insurance. Our workers are fully covered by Workman's Compensation Insurance.

**Authorized
Signature**

 Mark McPheters

 Note: This proposal may be withdrawn
 by us if not accepted within _____ days.

Acceptance of Proposal- The above prices, specifications and conditions are satisfactory and are hereby accepted. You are authorized to do the work as specified. Payment will be made as outlined above.

Date of acceptance _____

Signature _____

Signature _____

McPheters Hookset proposal 7a backup.txt

From: Mark McPheters [mark@tbuckconstruction.net]
Sent: Friday, November 02, 2018 11:14 AM
To: dmercier@underwoodengineers.com
Subject: FW: FW: Hookset proposal 7a

From: Troy <troy@globalmetalfab.net>
Sent: Friday, November 2, 2018 11:09 AM
To: Mark McPheters <mark@tbuckconstruction.net>
Cc: Terry Buck <terry@tbuckconstruction.net>; 'Tim Cunningham'
<trcunningham@tbuckcon.net>
Subject: Re: FW: Hookset proposal 7a

\$5450= \$1,200 for the grating area, \$4,250 for the slide gate with 2 different
special order
extrusion a sheet of 1/4" 6061 for the gate and neoprene for sealing the minus
\$1,500 for the 2
deflector plates brings down to \$2,750

Thanks,
Troy Dickie
1124 Broad Street
Auburn Me 04210
Phone 207-753-0001
Fax 207-753-0003

On 11/2/2018 10:40 AM, Mark McPheters wrote:
Troy

See below and please provide a breakdown.

Mark McPheters
Note my new email address, my old email will work for now but will eventually
be deleted
T. Buck Construction
302B Auburn Road
Turner, Maine 04282
Phone 207-783-6223 ext 203
Fax 207-783-3970
Cell 207-754-8999
Email: mark@tbuckconstruction.net

From: David Mercier <dmercier@underwoodengineers.com>
Sent: Friday, November 2, 2018 10:20 AM
To: Mark McPheters <mark@tbuckconstruction.net>
Subject: RE: Hookset proposal 7a

Hi Mark:

For this proposal, can you provide backup to the \$5450 from Global? We didn't seem

McPheters Hookset proposal 7a backup.txt
to get that with the original proposal 7 either. Also, can you comment on the cost
for
moving the lull? Was that taken off site and brought back? Thanks.

David J. Mercier, P.E.
Senior Project Manager
Underwood Engineers, Inc.
99 North State Street
Concord, NH 03301
ph (603) 230-9898
fax (603) 230-9899

T. Buck Construction, Inc.**PROPOSAL****14**249 Merrow Rd Auburn, ME 04210
207-783-6223 * FAX 207-783-3970

Proposal Submitted to: Underwood Engineers Inc.		Phone: 603-230-9898 email: mblank@underwoodengineers.com	Date: 10/22/18
Street: 99 North State Street		Job Name: Phase 3 Capital Improvements	
City, State & Zip Code: Concord, NH 03301		Job Location: Hookset, NH	
Engineer: Margaret E. Blank, P.E.	Date of Plans:	Job Phone:	

We hereby submit specifications and estimate for:

T. Buck construction proposes to provide material, tools, labor and equipment to install 3 ton heat pump per the attached proposal.

G.O Heating and Air Conditioning	\$7,695.00
15% T. Buck Overhead and profit	\$384.75
Total	\$8,079.75

Clarifications:

- 1 We did not carry any project supervision, if project supervision is required add \$95.00/hr.
- 2 Doug Jr. from G.O has gaurenteed me his price is complete including the minimum wage rates, cutting, patching and all wiring.
- 3 Size of the unit to be confirmed by Underwood.

workmanlike manner according to standard practices. Any alteration c deviation from above specifications involving extra costs will be executed only upon written orders, and will become an extra charge over and above the estimate. All agreements contingent upon strikes, accidents or delays beyond our control. Owner to carry fire, tornado and oltter necessary insurance. Our workers are fully covered by Workman's Compensation Insurance.

Signature



Mark McPheters

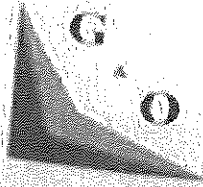
Note: This proposal may be withdrawn
by us if not accepted within _____ days.

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Date of acceptance _____

Signature _____

Signature _____



HEATING AND AIR CONDITONING

G&O The Right Way To Go™

5 Main St. Hooksett NH 03106
17603-485-5542 17603-485-7780
GODOLEJIR@GANDOLIVIA.COM

Proposal

Customer: Hooksett Sewer
Address: Egawes Rd., Hooksett, NH 03106
Date of Quote: 9/23/2013

G&O Heating and Air Conditioning is pleased to present this proposal

This Scope of Work Includes the required materials and labor:

- Installation of a 3 ton Daikin heat pump system to serve the pump room. This system will accommodate cooling in the summer time and keep the room at a reasonable temp. It will be effective when the other 2 pumps are installed in the future as well.

Scope:

- High wall head unit
- Outdoor condensing unit
- Floor stand
- Line set
- Start up
- Core drilling through wall
- Electrical

Investment \$7,695.00

T. Buck Construction, Inc.249 Merrow Rd Auburn, ME 04210
207-783-6223 * FAX 207-783-3970**PROPOSAL****9B**

Proposal Submitted to: Underwood Engineers Inc.		Phone: 603-230-9898 email: mblank@underwoodengineers.com	Date: 11/2/18
Street: 99 North State Street		Job Name: Phase 3 Capital Improvements	
City, State & Zip Code: Concord, NH 03301		Job Location: Hookset, NH	
Engineer: Margaret E. Blank, P.E.	Date of Plans:		Job Phone:

We hereby submit specifications and estimate for:

drill 4 each 1/2" holes in each splitter box.

Laborer	6 mhrs	\$49.50 hr	\$297.00
Forman	6 mhrs	\$95.00 hr	\$570.00
hammer drill and bit	1 day	\$35.00 day	\$35.00
gas detector, reterval	1 day	\$75.00	\$75.00
15% Overhead and profit			186.83
Total			1,163.83

Clarifications

1

We Propose hereby to furnish material and labor complete in accordance with above specifications, for the sum of:

\$1,163.83

All material is guaranteed to be as specified. All work to be completed workmanlike manner according to standard practices. Any alteration or deviation from above specifications involving extra costs will be executed only upon written orders, and will become an extra charge over and above the estimate. All agreements contingent upon strikes, accidents or delays beyond our control. Owner to carry fire, tornado and other necessary insurance. Our workers are fully covered by Workman's Compensation Insurance.

**Authorized
Signature**


Mark McPheters

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Date of acceptance _____**Signature** _____**Signature** _____

**Hooksett Sewer Commission
Hooksett, NH
Phase III Capital Improvements**

INITIAL	COMMENTS
B	
TK	
TRK	

Construction Progress Meeting No. 08 Minutes

**12:30 p.m – Monday, November 5, 2018
Hooksett Wastewater Treatment Facility**

Attendees

Don Winterton
Sid Baines
Frank Kotowski
Turk Bairam
Bruce Kudrick
Kim Langlois
David Mercier, PE
Margaret Blank, PE
Terry Buck
Tim Cunningham
Dan Dudley

Councilor

Chairman
Commissioner
Commissioner
Superintendent
Clerk
Senior Project Manager
Senior Project Engineer
Owner
Superintendent
Construction Review

Representing

Town of Hooksett
Hooksett Sewer Commission
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Underwood Engineers
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T. Buck Construction, Inc.
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NHDES

PROJECT SUMMARY

Contract Start Date:	May 7, 2018
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NEW BUSINESS

1. Contact List

No changes.

2. Submittals

Current submittal log attached.

- Reviews outstanding.
 - None.

- O&M Manuals.
 - Blowers – under review.
 - Chemical feed pumps – under review.
 - Chemical tank mixer – under review.
 - I&C and SCADA upgrades – under review.
 - MCC and components – under review.
 - VFDs – to be submitted
 - **Sluice gates** – to be submitted

3. Request for Information

None outstanding.

4. Work Completed to Date

Completed since Project Meeting No. 7:

- Sludge pipe post-lining/repair CCTV completed.
- Weir plate height reduced by five inches and reinstalled.
- LCS punch list items complete.
- Vent for air release valve completed.

5. Schedule of Work for the Next Month

- **T. Buck to provide updated schedule (required for each progress meeting)**
- Blower room mini-split system.
- Old weir box modifications.
- VFD site visit – 11/8/2018
- Complete punchlist items (attached)

6. Change Order Items

- CO #4 – Previously approved by HSC
 - Modifications to screen support legs - \$2,401.20.
 - Relocate small electrical box for NRCY leak detection in electrical/blower room - \$1,716.75.
 - New ambient temperature sensor in Electrical/Blower Room - \$1,023.50.
 - Subtotal: \$5,141.45

- Pending change order items
 - o Splitter box modifications - \$5,376.25 - **Approved**
 - o New mini-split AC unit in Electrical/Blower Room – \$8,079.75 - **Approved**
 - o Drill holes in bottom of old weir boxes (2) - ~~\$1,163.83~~
 - **T. Buck will drill four 1/2-inch holes in the bottom of each at no extra charge.**
 - **Town will install gravel at a later time.**
 - o Contact time:
 - Need to decide on substantial completion date with changes/change orders.
 - Need to revise substantial and final completion dates by C.O. #4.

7. Payment Request Status

- Payment request No. 6 processed.
- **Draft Payment Request No. 7 provided at meeting. To be revised with final balancing change order and items listed in Section 6.**

8. Construction Issues

- **UE to provide recommendation on how to set sparge blower and blow-off valve. Unit currently blows off when speed exceeds 36 Hz.**
- **T. Buck to provide UE with date to complete mini-split system.**

9. Other

- Full-scale pilot test – planning meeting scheduled for November 13 at 9:00 AM.

Copies to: Donald Winterton – Hooksett Town Council; Dave Cloutier – NHDES.