

Hooksett Sewer Commission
May 7, 2024
Meeting Minutes

INITIAL	COMMENTS
<u>B</u>	
<u>JCB</u>	
<u>BAD</u>	

This meeting was called to order at 12:00pm. Present were Chairman Sidney Baines, Commissioner Richard Bairam, Superintendent Ken Conaty and Assistant Superintendent John Clark. Commissioner Robert Duhaime was in attendance at 12:15pm.

Approve and Sign manifest

Approve meeting minutes: Commissioner Richard Bairam made motion to approve the workshop and regular meeting minutes from April 16, 2024. Chairman Sidney Baines seconded. All in favor, the motion was carried unanimously.

Read Correspondence

Financial Report: Guy came in to give the Sewer Commission a quick overview of the Hooksett Sewer Commission accounts.

- Commissioner Richard Bairam made motion to transfer \$36,778.71 from the HSC trust plant and composting account to the HSC checking account for the WWTF Phase 3A capital improvements trust cash expenditures through April 2024. Chairman Sidney Baines seconded. All in favor, the motion was carried unanimously.
- Commissioner Richard Bairam made motion to transfer \$17,704.79 from the HSC trust plant and composting account to the HSC checking account for Martin's Ferry pump station expenditures through April 2024. Chairman Sidney Baines seconded. All in favor, the motion was carried unanimously.
- Commissioner Richard Bairam made motion to transfer \$104,028.30 from the HSC trust plant and composting account to the HSC checking account for Meadowcrest Road sewer expenditures through April 2024. Chairman Sidney Baines seconded. All in favor, the motion was carried unanimously.
- Solar panels will be paid off in 2027, which is much earlier than originally expected

Scheduled Appointments: None

Superintendent Conaty's Report:

Plant:

- Plant numbers are good TSS 16.7 and BOD 10.5
- pH is riding around 6.62 continuing to make adjustments as needed
- The Sewer Commission office basement is currently being cleaned

Solar:

- Production continues to look good

Phase 3A Plant upgrades:

- The release of held funds and final payment will occur at the end of the month

Force Main Replacement/Martin's Ferry pump station upgrade:

- Seven easements are needed. Superintendent Conaty has contacted all easement sources
- Superintendent Conaty will be attending the next Town Council meeting to discuss the easements needed from the town.

Dewatering Project:

- Screw presses are to be delivered at the end of December
- The sludge containers have been delivered

Asset Management:

- Entering the new equipment
- Scanning documents as time permits

TIF Project:

- Tri-town pump station is still under construction
- The interior was painted
- The roof system is complete
- The electrician has started work
- HVAC was to be started today but Superintendent Conaty said when he went by no one was there as of then.
- The water lines, gas lines and electrical conduit have all been installed
- The extension to Meadowcrest has been done
- All base paving of the streets has been done

Other:

- 7 Martin's Ferry Road is still under construction
- The Park Place project is still under construction and the commercial part will be started soon
- Merrimack St. pump station equipment will be delivered in May sometime
- Superintendent Conaty is looking into replacing the sludge blowers (attachment 1)
- The tours done on April 17th and 18th for the Derryfield school went great
- Superintendent Conaty presented paperwork on a man lift rental/purchase (attachment 2). Commissioner Richard Bairam made motion to approve the purchase of a man lift in the amount \$4,936.00. Commissioner Robert Duhaime seconded. All in favor, the motion was carried unanimously.

- Superintendent Conaty presented estimates from Landsite Corp for the easement work that will need to be done (attachment 3). Commissioner Richard Bairam made motion to approve the quote on easement work needed on Egawes Drive in the amount of \$19,433.00. Commissioner Robert Duhaime seconded. All in favor, the motion was carried unanimously. Commissioner Richard Bairam made motion to approve the quote on easement work needed on Martin's Ferry in the amount of \$57,376.00. Commissioner Robert Duhaime seconded. All in favor, the motion was carried unanimously.
- The cost of the easements was discussed
- The new Lease for Old Castle is being worked on
- Truck sale

Old Business:

- TIF updates are the third Tuesday of the month

New Business:

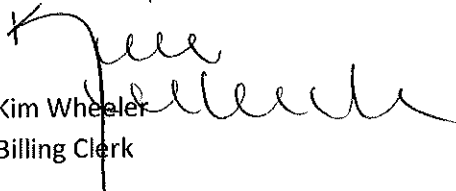
- The next Sewer Commission meeting is May 21, 2024

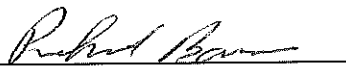
Non-public session: The Sewer Commission did not go into non-public session

Public Input: None

Adjournment: Commissioner Richard Bairam made motion to adjourn at 12:53pm. Commissioner Robert Duhaime seconded. All in favor, the motion was carried unanimously.

Respectfully Submitted,


Kim Wheeler
Billing Clerk


Richard Bairam (Clerk)

**ENGINEERING SERVICES REQUEST
AUTHORIZATION TO PROCEED**

To: Underwood Engineers, Inc.
25 Vaughan Mall
Portsmouth, New Hampshire 03801

ESR No.: # 20
File No.: N3160
Date: April 22, 2024
Description: **Sludge Blower Replacement
Design Assistance**

From: Town of Hooksett
Hooksett Sewer Commission (HSC)
1 Egawes Drive
Hooksett, NH 03106

Owner's Contact(s) (this project): Ken Conaty, Superintendent, HSC
Underwood Engineers Contact(s) (this project): David Mercier, P.E., Vice President

Under the General Services Agreement for Professional Services as Consulting **Engineer** for the **Owner** (Contract dated March 2, 2015) **Engineer** is authorized to proceed with the following work:

Background

The Hooksett Sewer Commission has three (3) aged positive displacement blowers serving their two (2) aerated sludge holding tanks which have reached the end of their useful life. The existing blowers are oversized for their current application and the HSC wishes to demo all three (3) of the existing blowers and replace them with two (2) new blowers utilizing regenerative blower technology. All of the air piping in the existing blower room will be demolished with the exception of two (2) intake lines that pass through the ceiling to the roof and the common discharge leaving through the floor. The HSC intends to fund this project with local reserve monies. The following scope of engineering services is to provide design phase services for this work.

Scope of Services

Task 1 – Sludge Aeration Blower Design

- Conduct a site visit to the treatment plant to review the existing conditions in the sludge blower room and take critical dimensions to develop a reasonable record drawing for the room for use in developing demolition and modification figures.
- Prepare a design calculation for the required aeration rate and design pressure for the new blowers as required to serve two (2) existing sludge holding tanks. Underwood will utilize existing equipment information and record drawings to prepare the calculation.
- Request a proposal for two (2) new regenerative blowers with accessory components from FPZ Corporation.
- Develop process and electrical demolition and modification figures utilizing the sludge aeration blower record drawings and PDF editing software.



- Prepare blower and SS piping technical specifications.
- Prepare a letter form request for proposal document for the Town to solicit pricing from contractors to perform the work.
- Submit the draft RFP document to the HSC for review. Respond to review comments received from the HSC and finalize the documents.
- Provide an electronic copy of the final RFP document to the HSC for requesting contractor pricing.

Owners Responsibility

- Provide record drawings for the existing sludge blower room, air yard piping, and sludge blower electrical
- Provide O&M information for the existing sludge blowers

Work Not Included

- Permitting and funding assistance services.

Engineering Fees

Task No. 1

\$12,500.00

Budgets

Fees for engineering services will be on an hourly basis for the personnel involved. Such hourly fees will be based on the Engineer's technical payroll plus an allowance to cover overhead and profit. Fees also include reimbursement for transportation expenses (per mile), out-of-pocket travel expenses (tolls), prints, telephone calls and miscellaneous materials that may be required to complete the work.

Suggested budgets, as used herein, are best estimates by Underwood Engineers. The budgets are based on available information and prior to detailed research on the Project. Budgets are not intended to be fixed prices but are reasonable estimates of average costs to complete projects of similar size. Budget will not be exceeded without written authorization.

Schedule

Underwood will commence work on this project within five (5) days of contract execution and deliver the final packages to the HSC within 120 days thereafter.



Approval

Approval and authorization to proceed:

Sidney Baines, Chairman Date
Town of Hooksett, NH
Hooksett Sewer Commission

David J. Mercier, P.E. Date
Vice President
Underwood Engineers, Inc.



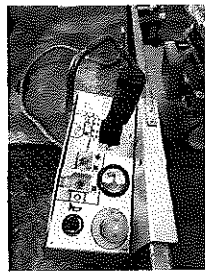
Quality used equipment for sale

2015 SKYJACK SJIII3219 - PRICE \$4,936 (USD)

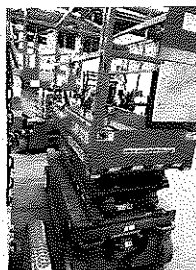
Description: SCISSOR LIFT 19' ELECTRIC
Make/Model: SKYJACK SJIII3219
Year: 2015
Serial #: 22076892
Meter: 344.59
Equipment #: 10347535
Location: 62J - WOBURN, MA

UNITED RENTALS (Store 802)
2 SUTTON CIRCLE
HOOKSETT, NH 03106
Mon-Fri: 7:00AM-4:00PM Sat: CLOSED Sun: CLOSED

Sales Contact:
Joseph Lees
603-540-8625
jlees@ur.com

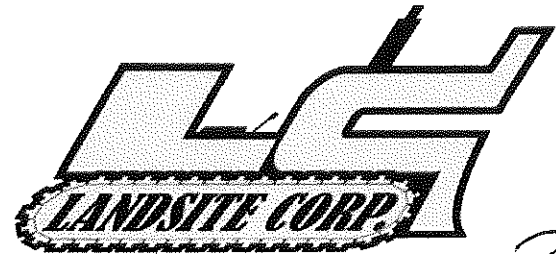


2015 SKYJACK SJIII3219
Price: \$4,936 (USD)
HOOKSETT, NH
603-540-8625



LANDSITE CORP.
 379 CLINTON RD
 ANTRIM, NH 03440 US
 603-588-4019
 splandsite@tds.net
 www.landsitecorp.com

Estimate



3

ADDRESS
 Ken Conaty
 Hooksett Sewer Commission
 1 Egawes
 Hooksett, NH 03106

SHIP TO
 Ken Conaty
 Hooksett Sewer Commission
 1 Egawes
 Hooksett, NH 03106

ESTIMATE # DATE
 1042 04/17/2024

P.O. NUMBER
 Egawes/SewerEasement/gravel

DATE	DESCRIPTION	QTY	RATE	AMOUNT
04/17/2024	Mobilization - Equipment Moves	1	1,035.00	1,035.00
04/17/2024	Driveway construction - includes removal of a thin organic layer on existing sewer easement [830l.f. x 14'] to access new valve vault from tri-town pump station. Organics to be disposed on edges/slopes where acceptable and/or stockpiled at sewer plant location, Import 434 tons 2" [NHDOT 304.4] spread and compacted at approx. 6" depth	1	17,070.00	17,070.00
04/17/2024	Hydro-seeding - hydro seed shoulders of easement approx.. 1660 l.f. x 5' wide - per sq. ft	8,300	0.16	1,328.00

Thank You

SUBTOTAL	19,433.00
TAX	0.00
TOTAL	X \$19,433.00

Accepted By

Accepted Date

LANDSITE CORP.
 379 CLINTON RD
 ANTRIM, NH 03440 US
 603-588-4019
 splandsite@tds.net
 www.landsitecorp.com

Estimate



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 Ken Conaty
 Hooksett Sewer Commission
 1 Egawes
 Hooksett, NH 03106

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 Hooksett, NH 03106

ESTIMATE #	DATE
1043	04/17/2024

DATE	DESCRIPTION	QTY	RATE	AMOUNT
04/17/2024	Mobilization - Equipment Moves - one move each - Cat 311F Excavator, Cat D4K dozer, Bomag Vib. roller	1	1,035.00	1,035.00
04/17/2024	Erosion Control - 2000 l.f 8" Filtrex- silt sox - per l.f. installed	2,000	3.90	7,800.00
04/17/2024	Remove organic layer 2000 l.f. x 14' x 4" [+/-] - remove and stockpile at Egawes Rd. stockpile yard	1	11,523.00	11,523.00
04/17/2024	Drainage Structures and Pipe - install 20 l.f. of culvert crossing "per each" [12-15" HDPE culvert] includes 10 tons NHDOT 304.4 bedding/backfill, Does not include culvert pipe [supplied by owner]	1	897.00	897.00
04/17/2024	Roadway Gravels - includes labor and material to install 200' x 14' x 8" gravel on first 200' of easement, install 1800 l.f. x 14' x 6" [all NHDOT 304.4] spread and compacted [1026 tons of NHDOT 304.4]	1	32,921.00	32,921.00
04/17/2024	Hydro-seeding - seed edges of shoulders 4000l.f x 5' wide with conservation mix & mulch	20,000	0.16	3,200.00

Thank You

SUBTOTAL 57,376.00
 TAX 0.00
TOTAL \$57,376.00

Accepted By

Accepted Date