

From: [Jill Marsano](#)
To: [Bristol Town Administrator](#)
Cc: [Steve Palmer](#)
Subject: Proposed VTUMS Pine Street Invoice w/ 50% Discount to Ops Budget
Date: Friday, October 27, 2023 6:10:29 PM
Attachments: [VTUMS Pine St Services Invoice 102723.pdf](#)
[FY 2024 Water Supplies & Contracted Services Budget.xlsx](#)
[Water-Supply-Rule-March-17-2020 See Pages 66 to 68.pdf](#)

Valerie,

Please see the proposed VTUMS Invoice for Pine Street Labor and Support Services provided to maintain the water system's integrity and maintain public safety.

I am suggesting that this 50% be paid from the contracted services budget in the current FY '24 budget. I have attached a copy of the FY 2024 Water Supplies and Contracted Services Budget Plan and feel these services fit well within the budget. A portion of these were leak repairs and many, many hours of protecting the water system and operating the valves, hydrants, etc.

I am also attaching a copy of the VT Water Supply Rule (See pages 66 to 68 w/ highlighted areas) wherein the Certified Operator is in Responsible Charge of Protecting Public Safety and the Water System. That is where we can't just walk away when a contractor is causing the system to need to be "open", "broken" or needing to be operated outside or normal operating conditions. The ordinance also has additional language to this effect.

Not included in this invoice are all of the other normal activities inside the operating contract that were carried out in the same time period (daily ops visits, sample collections, mark outs, meter repairs and replacements, the water read, monthly sewer reads, and much more). These are just the hours dedicated to Pine Street.

Please let me know your thoughts.

Jill Marsano
Owner/President
VTUMS Vermont Utility Management Services, LLC

[Please leave us a Google Review!](#)



VTUMS Vermont Utility Management Services, LLC
 3776 Mountain Road
 Bristol, VT 05443
 (802)377-2316

Invoice



BILL TO
Valerie Capels Town of Bristol P.O. Box 249 Bristol, VT 05443

INVOICE #	DATE	TOTAL DUE	DUE DATE	TERMS	ENCLOSED
2310	10/27/2023	\$7,846.87	11/11/2023	Net 15	

PLEASE DETACH TOP PORTION AND RETURN WITH YOUR PAYMENT.

P.O.#
 Pine Street Hours

DESCRIPTION	QTY	RATE	AMOUNT
Labor 8/7/23 2 pm to 6 pm (4 Hrs) Jill Start Marking Curbs on Pine Street	4	75.00	300.00
Labor 8/10/23 9:45 am to 4:15 pm (7 Hrs x 2) Jill & Logan Continue Marking Customer Service Lines and Curbs on Pine Street.	14	75.00	1,050.00
Labor 8/11/23 11:00 am to 4:00 pm (5 Hrs x 2= 10) Jill & Jon Marking Customer Services and Curbs on Pine Street.	10	75.00	750.00
Labor 8/15/23 10:00 am to 11:00 am (1 Hr) Jill to Const. Mtg	1	75.00	75.00
Labor 8/22/23 9:00 am to 4:00 (7 Hrs) Jill New Signs at Pine Street, Construction Meeting, Walk Through all Services on Pine w/ Steve and Chris and go over the hidden ones/those missing on the plans to assure no active connections are missed.	7	75.00	525.00
Labor 8/23/23 1:30 pm to 4:30 pm (3 Hrs) Jill Mark out harder to locate water services at corner of North and Pine and tan house near Maple.	3	75.00	225.00
Labor 8/29/23 Tuesday 9:00 am to 1:15 pm (4.25 Hours) Jill to Pine Street w/ Logan after call that MEMC found 4" CI main in the ground right where the new main goes at the start of the dig. Provided drill bit and 4" sleeve to repair if when drilled it had water. Found it to be dry and moved on to the contract meeting and then spent several hours in field going over valve alignments w/ Steve Palmer, per his request.	17.50	75.00	1,312.50
8/29 & 8/30/23 (13 Hrs) Logan remained onsite for the remainder of the dig that day (8/29) and the following day (8/30) to observe the actual service lines and prepare for any issues the water system may have to deal with.			
Labor 9/5/23 Tuesday 8 am to 1:30 pm (5.5 Hrs) Jill to Pine Street for Water Leak by 34 Pine Street. Had to turn off from North to Liberty and exercise hydrants near North and Liberty to fully restore water.	5.50	75.00	412.50

DESCRIPTION	QTY	RATE	AMOUNT
Labor 9/5/23 Tuesday 8 am to 1:30 pm (5.5 Hrs) Logan Assist w/ Valve and Hydrant Exercising to Control Leak	5.50	75.00	412.50
Labor 9/6/23 Wednesday 7:15 am to 1:00 pm (5.75 Hrs) Jill Assist Munson w/ Reconnection of water service line to 34 Pine Street including locating the service line, providing the copper, adapters and couplings for the repair, and flushing the line after reconnected and speaking w/ the tenants and landlord about all conditions throughout.	5.75	75.00	431.25
Walk up/down the remainder of Pine Street and mark additional potential services with orange and blue paint in rows across the road for additional areas the contractor must be cautious around.			
Labor 9/11/23 Monday 7:30 am to 9 am (1.5 Hrs) Jill called by Steve at 7:30 as Munson Pulled out an old unmarked cast iron line across from the Dr. office heading towards to center of the large parking area. Jill stopped at the dig to see the leak, found it leaking at the old corp and continued to turn off the main line valves at the intersections of Maple and Munsill. Munson was then able to turn off the corp and when water was restored with the hydrant across from Muncill open, the leak had ceased and the project continued.	1.50	75.00	112.50
Labor 9/12/23 10:00 am to Noon (2 Hrs) Jill Construction meeting and site visit	2	75.00	150.00
Labor 9/18/23 8:15 am to 2:15 pm (6 Hours) Jill Oversee Dig at Pine and Liberty Intersection as many known abandoned and live services were to be found 1,2,4, and 6 and not hit.	6	75.00	450.00
Labor 9/18/23 Jill and Cyrus, turning hydrants back on	2	75.00	150.00
Labor 9/19/23 10 am to 11 am (1 Hr) Jill to Const Mtg, 6:00 pm to 7:30 pm (1.5 x 2 = 3) Jill & Cy Mark Water Lines and Services at Town Garage to assure they are not damaged and connected to at good intersection points.	4	75.00	300.00
Labor 9/20/23 8:00 am to Noon (4 x 2 = 8 Hrs-1.5 of vac truck below = 6.5) Jill & Logan meet w/ Crew in Advance of Exploratory Dig for 2' @ Liberty that may likely feed shop. Exploratory dig hit the 2" elbow and caused a large water leak that had to be repaired. Had to shut off water, flush hydrant, and turn back on after repair was made. Jill went to Martin's to get repair parts.	6.50	75.00	487.50
X-13 9/20/23 Logan 10:30 am to Noon (1.5 Hours) Use of X-13 to clean. very wet excavation and expose break for a safe and clean repair. Also assisted w/ Repair.	1.50	250.00	375.00
Labor 9/21/23 8:00 to 9:30 am (1.5 Hrs) Onsite to See Plan for Upcoming Shut Off and Provide Flushing Cap for 6" at Kevin Harpers Lot on Corner of Maple and Pine Street.	1	75.00	75.00
Labor 9/25/23 2:45 to 4:45 Jill Produce and Hang Water Shut Off Notices for Pine Street Line Tie in to North Street Shut off North to Maple.	2	75.00	150.00
Labor 9/26/23 7:30 am to 2:30 pm (7 Hrs) Logan water shut off on Pine North to Maple for North st tie in of new main	15	75.00	1,125.00
9/26/23 7:30 am to 2:30 pm (7 Hrs) Jill Opening and Closing Valves and Hydrants for Tie In.			
9/26/23 4:00 pm to 5:00 pm (1 Hr) Jill meeting w/ Steve and Kevin			

DESCRIPTION	QTY	RATE	AMOUNT
Harper to Discuss Munsill Ave connection and Pine St. Connections for Bristol Works and Bristol Bakery.			
Labor 9/28/23 Britney to Pine with Jill and Jon for hydrant flushing/going live with new line	6	75.00	450.00
Labor 9/28/23 Jill to Pine with Britney and Jon for hydrant flushing/going live with new line	8	75.00	600.00
Labor 9/28/23 Jon to Pine with Jill and Britney for hydrant flushing/going live with new line	5	75.00	375.00
Labor 9/29/23 7:15 am to 8:45 am (1.5 Hrs) Jill to Pine St. to Flush Hydrants and Curbs Prior to Pressure Test.	15	75.00	1,125.00
Labor 10/2/23 8 am to 11 am (3 Hrs) Jill to Pine St to Flush Line full of chlorine from weekend after pressure test and assist w/ (2) clean Const. Coliform Samples to Allow for Go Live This Week.	3	75.00	225.00
Labor 10/3/23 8 am to 11 am (3 Hrs) Jill to Pine St. for Second Set of Construction Coliform Samples by Munson, Jill Flushing Hydrants and assisting w/ Clean Sample Collection and Const. Meeting	3	75.00	225.00
Labor 10/10/23 Jill to Const Meeting & Site Visit	2	75.00	150.00
Labor 10/11/23 Jill, Cy 5 pm to 6:30 pm (1.5 x 2 = 3) 10/12/23 Britney 8 am to 10 am (2 Hrs) - Hand Water Shut Off Notices on Taylor, Maple, Munsill, Liberty, Lawson, Lauritsen, Pleasant, W. Pleasant, and Contact MHPs & Mt. Abe	5	75.00	375.00
Labor 10/13/23 Jill 8 am to noon (4 Hrs) Assisted with Shut Offs then Hanging shut off notices on the doors for change regarding Liberty shut off date change.	12	75.00	900.00
Cy 8 a to 4 pm (8 Hours) Shutting Valves at all Intersecting Streets to Pine to Officially Deaden the Line for the cuts at Bristol Bakery and the Munsill Ave Valve Tie in. Beyond all intersecting Pine Street Valves, the Valve at Munsill and Pleasant along with 2 Others east and west on pleasant had to be closed to completely shut off water to Munsill. Hydrants were open to remove last of pressure. Both ties ins were witnessed, clean, water-tight and water was restored slowly with air flushed out of hydrants.and Munsill Ave & portions of Pleasant St restored.			
Labor 10/14/23 Cy & Jill 9:00 am to 2:00 pm (5 x 2 = 10 Hrs) Received emails and calls from Steve, Valerie and Peeker regarding no water at 63 Pine and 6 Lauritsen Lane. Utilized maps and line locator to sluth where these service lines would be. Cut the curb in the driveway at 63 out of pavement and exercised w/ Owner present and could hear air moving. Lauritsen took longer with line locator as the waterline was weaving between 3 mobile homes from the side of the driveway of 33 Pine Street. Provided bottled drinking water from shaws and buckets of water from the pump house for flushing. Maintained communication with homeowners with no water until they were fully restored,	10	75.00	750.00
Labor 10/16/23 Jill 8:00 am to 4:00 pm (8 Hrs) Jill Onsite to Witness Dig to Tie 63 Pine to Other Curb in Driveway with 35' of New Copper. Also Oversee the dig up of curb under 33 Pine Street for 5, 6 & 8 Lauritsen Lane. Contact Chris at ACCT to find out why these connections would be run under a driveway on Pine past another trailer to go to the end of Lauritsen Lane that's off Maple Street. Hand drawn sketch showed each mobile hime with lines from the mains on each respective side and woven in, vs a main on	8	75.00	600.00

DESCRIPTION	QTY	RATE	AMOUNT
Lauritsen as had been the assumption, Witnessed dig up of curb, main, tap by MACS, new copper from new corp, to new curb and connection to 1" service. Assured water was restored to 3 mobile homes in Lauritsen and 1 at 63 Pine Street.			
Labor 10/17/23 7:45 am to 3:15 pm (7.5 Hrs) Jill Onsite for Maple Street and Taylor Ave Tie Ins. Inspected valve trees, opened hydrants on Taylor and Maple, Closed Valves at intersections of Pine and Pleasant with each street, Witnessed clean excavation with watertight tie ins at each. Turned water back on, flushed air out of hydrants and assured water was restored to both blocks. Attended Const. Meeting.	7.50	75.00	562.50
Labor 10/18/23 9:00 am to 2:30 pm (5.5 Hrs) Jill Onsite for Liberty Street Tie In. Inspected valve tree, opened hydrant on Liberty, Closed Valve, Witnessed clean excavation with watertight tie in. Turned water back on, flushed air out of hydrants and assured water was restored to block.	5.50	75.00	412.50
Labor 10/24/23 10:00 am to 11:00 am (1 Hr) Jill Attended Const. Meeting & Portion of Punchlist Walk-Through	1	75.00	75.00
Discount Writing Off 50% Of VTUMS Services For Pine Street Project to Operations Contract. Remainder Should be Charged to Contracted Services in Regular Water Budget	-0.50	15,693.75	-7,846.88

BALANCE DUE

\$7,846.87

FY 2024 Budgets

5/22/2023

Description of Work Proposed for FY 2024 Budget	Supplies	Contracted Services	Total	Notes w Further Detail
A. (1) Hydrant Install	\$0.00	\$3,500.00	\$3,500.00	(1) Hydrant Install at End of Firehouse Drive w/ Soil, Seed Mulch, Etc. Materials & Excavation + Labor.
B. (2) Valves	\$4,000.00	\$6,000.00	\$10,000.00	(2) Valves around Pump House, Fittings, Pipe, Bedding, Possible Paving, Soil, Seed Mulch, Etc. (Materials) & Excavation.
C. (3) Leak Repairs	\$6,000.00	\$7,500.00	\$13,500.00	(3) Leak Repairs on South Street, Church Street & Corner of Pleasant & Taylor Materials, Equipment Use and Labor Included
D. (2) New Hydrants w/ Valves in Stock for Install	\$15,000.00	\$9,000.00	\$24,000.00	(2) Hydrants w/ Valves, Hymax, Pipe, Bedding, Possible Paving, Soil, Seed Mulch, Etc. (Materials) & Excavation + Labor. Locations to be determined to replace the non-functioning hydrants/those in worst condition first
E. (1) Valve Replacement	\$2,000.00	\$2,500.00	\$4,500.00	(1) Valves, Fittings, Pipe, Bedding, Possible Paving, Soil, Seed Mulch, Etc. (Materials) & Excavation + Labor. Locations to be determined to replace the non-functioning valves/those in worst condition first (prioritize any in soon to be paved areas first)
F. (5) Valve Box Fix/Curb Stops Repairs/Replacements	\$3,000.00	\$8,000.00	\$11,000.00	(5) Valve Box/Curb Stop Repairs/Replacements, Boxes, valves, curb stops, Bedding, Possible Paving, Soil, Seed Mulch, Etc. (Materials) & Excavation + Labor \$15,000 Budget. Locations to be determined to replace the non-functioning valves/curbs and those in worst condition first
G. (10) Meter Replacements	\$0.00	\$3,500.00	\$3,500.00	10 Meter Replacements w/ Supplies in Meter Budget Line
G. Unplanned Emergencies	\$5,000.00	\$10,000.00	\$15,000.00	A buffer if any large leaks occur during the fiscal year after the other projects above are completed so the budget is not depleted, rather it is maximized.
FY 2024 Budgets	\$35,000.00	\$50,000.00	\$85,000.00	