



TOWNSEND WATER DEPARTMENT
540 Main Street West Townsend, Massachusetts 01474

Michael MacEachern, *Chairman*

Nathan Mattila, *Vice-Chairman*

Lance Lewand, *Clerk*

Paul L. Rafuse,
Water Superintendent

(978) 597-2212

Fax (978) 597-5561

WATER COMMISSIONERS MEETING MINUTES

March 17, 2017 – 4:30 P.M.

Water Department 540 Main Street, Meeting Room

I. PRELIMINARIES:

- 1.1 MM called the meeting to order at 4:40P.M. At 540 Main Street.
- 1.2 Roll call showed Members Present: Michael MacEachern (MM) Chairman, Nathan Mattila (NM) Vice-Chair and Lance Lewand (LL) Clerk. Guests Present: Paul Rafuse and Brenda Boudreau.
- 1.3 MM announced that the meeting is being tape recorded.
- 1.4 Chairman's additions or deletions. None
- 1.5 Review/Approve meeting minutes of February 13, 2017. November 10, 2016. **LL made a motion to accept the meeting minutes of February 13, 2017 and November 10, 2016. NM seconded. Unanimous vote.**
- 1.6 Review correspondence. None

II. APPOINTMENTS:

III. MEETING BUSINESS:

- 3.1 Discuss solutions to remedy the water issues at 537 Main Street. Paul has been researching Ice Pigging and contacted Suez to perform the work. That company is a sole source company based out of Florida and with such a small section of pipes to clean they may not be able to come to our state until August 2017. However if we agree to do a larger section, a minimum of three days at \$12,000 per days the company will reroute the truck for an earlier start date. The Board requested that Paul call and ask when is the earliest they could be here providing we move forward with a three day schedule. The Board requests Paul to write and mail letters to all customers that will be affected by the project with a tentative timeline and explanation of a timeline which they will be without water. **NM made a motion to accept the bid from Suez for Ice Pigging at the cost of \$36,000.00. LL seconded. Unanimous vote.**
- 3.2 Approval of the Board to start the hiring process for a full time water tech and a part time office assistant. The Board suggest waiting for clarification before hiring. However, the board would like Paul to prepare job descriptions for the board to review.
- 3.3 Discuss Contract for the Fitchburg Road Tank Rehabilitation Project. Bids came in much lower than expected. Project includes total sand blasting inside and out repainting, double the size of the overflow and a new vault cover. Typically it's a one year warranty for workmanship however the paint should last 15 years. Tighe & Bond will review the specifications and review the references before the board votes.
- 3.4 Adjust various accounts totaling \$ 35.46 Late Charges. RE: Treasures office misplaced some January payments that TWD received after late charges were applied. **NM made a motion to adjust various acct's 60847-60526-60525-60904-60775-61448-60862-60453-60141-61415-60936-60557-5040-61287-60219-61371-60434-60280-60648-60154-60102-61010 totaling \$35.46 Late Charges due to an error between the Treasures office and the Water Department. LL seconded. Unanimous vote.**
- 3.5 Approve 1" service, John Harrison, 87A Brookline Road, Acct#61718 RE: Received \$2,000 fee, Chk#123 LL made a motion to approve a 1" service to John Harrison, 87A Brookline Road, and Acct #61718. NM second. Unanimous vote.

3.6 Approve 1" service, Gary Amadon, 5 Wheeler Road, and Acct #61719 RE: Received \$2,000 fee, Chk# 2283 LL made a motion to approve a 1" service to Gary Amadon, 5 Wheeler Road, and Acct #61719. NM second. Unanimous vote.

IV. COMMISSIONERS UPDATES AND REPORTS.

4.1 Status of Ice Piging project on 8" Main west of Main St Pump Station to end of line. Previously discussed.

V. WATER SUPERINTENDENTS UPDATES AND REPORTS.

5.1 Status of Red Flag Complaint regarding scrap meters. Paul has not heard a word about the status of the draft report from the Red Flag complaint. Paul is aware that the Town Administrator has had possession of the draft for 8 weeks. Nathan spoke with Mr. Kriedler and he indicated that a water commissioner and a selectman would be present for the final status of the report. Paul stated that Mr. Kriedler emailed him stating the he would review the draft with Paul before the final report was issued. The TA has not responded since.

5.2 Main St. Station 50HP Pump. Paul discussed that the pump would cost about \$10,000.00. Retro fitting, base work and replacement of old check valve without the electrical work would cost and additional \$6,700.00. The Board would like Paul to get two additional quotes.

5.3 Present board with revised draft budget for review. Paul presented the board with a revised FY18 budget for review. The Board suggested increase building maintenance and professional service for an exterminator.

5.4 Discuss/Review/Approve Proposal for the Replacement of the CUE Drive or Control Panel to the booster pumps at the West Meadow Rd. Booster Station. The Board request three quotes.

VI. OFFICE UPDATES AND REPORTS.

6.1 The Board reviewed and signed Bills Payable Warrants.

6.3 The Board reviewed and signed Schedule of Bills Receivable report.

VII. ADJOURNMENT: NM moved to adjourn the meeting at 6:30 P.M. LL seconded. Unanimous vote.

Respectfully submitted,



Brenda Boudreau, Office Administrator

3.1 + 4.1



Proposal From
UTILITY SERVICE CO., INC.

1230 Peachtree St NE, Suite 1100 - Promenade · Atlanta, GA 30309
Toll-free: 855-526-4413 | Fax: 478-987-2991
utilityservice.com

Date: 10 March 2017

Submitted by: **Scott Kelley**

Local Phone: **603-724-8226**

SFID: 47116

CN:

SO:

Proposal Submitted To: Townsend MA			Phone Number: (978) 597-2212		Fax Number:	
Street Address: 540, Main St.			Description of Work to be Performed: Ice Pigging Potable Water Main			
City: Townsend		State: MA	Zip Code: 01474	County/Parish: Middlesex		
Accounts Payable Contact Name: Mr. Paul Rafuse		Email: prafuse@townsend.ma.us		Job Site Address: Main St. PS		
Job Contact (Inspection Reports): Mr. Paul Rafuse		Email: prafuse@townsend.ma.us		Length (FT): 2,986	Size (Inches): 8	Material: CI

Utility Service Co., Inc. agrees to provide all labor, equipment, and materials needed to complete the following:

- USCI shall produce approximately 2,700 gallons of ice slurry for delivery and removal from the water mains each day of work to clean sediments, loose deposits, and biofilms from the water main covered under this proposal. The water mains to be cleaned and procedures are listed in Addendum A.
- Based upon the information provided by the Owner to USCI, USCI estimates this project will take **1 full load** to complete.
- This price does not include the provision of a waste disposal tanker.
- Price assumes that the work shall coincide with other similar work in the state.

Please sign and date this proposal and fax one copy to our office.

Twelve Thousand and ----- 00/100

Dollars \$12,000.00

Payment to be made as follows:

Payment Due in Full Upon Completion of Work – plus all applicable taxes

Remittance Address: Utility Service Co., Inc., P O Box 674233, Dallas, TX 75267-4233

All material is guaranteed to be as specified. All work to be completed in a substantial workmanlike manner according to specifications submitted, per 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 Workmen's Compensation Insurance.

Authorized
USG Signature

Note: This proposal may be withdrawn by us if not accepted within Sixty (60) 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.

Fiscal Yr Beginning Month _____

Signature _____

Date of Acceptance _____

Printed Name _____



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Townsend MA / Main St. PS

5. Owner agrees to provide the following:
 - a. All potable water necessary to create the ice slurry,
 - b. Secure location to store the ice making equipment,
 - c. Network Operators to isolate and re-open valves and hydrants during the project,
 - d. MOT (Maintenance of Traffic) procedures in accordance with the requirements written in The Manual of Uniform Traffic Devices.
 - e. A tanker truck to haul the wastes where a sanitary sewer is not in close proximity. Note: **The discharge should not be to ground unless specific State approval is acquired.**
 - f. Exercise all relevant valves and hydrants and test for operational working order.
 - g. A complete isolation of the main on the day of operation.
6. USCI shall provide a report summarizing the daily cleaning events, water quality pre and post cleaning, and a quantitative amount of sediments removed only on those lines where a connection can be made to the discharge point.
7. USCI shall endeavor to manage the ice concentration to maximize cleaning efficiency and minimize the removal of tuberculation that could cause future water quality complaints.
8. Owner agrees that there is considerable expense to produce 2,700 gallons of ice slurry and that the ice slurry cannot be held for more than 12 hours before it becomes unusable. If on a scheduled work day, Owner cannot isolate the water main or does not have the needed personnel, USCI shall charge the Owner the Full Daily Rate of \$12,000 per day.
9. USCI shall not charge Owner the above-mentioned Daily Rate, if USCI cannot perform the complete day's work due to those factors under USCI's control, i.e. the ice is not in suitable condition, USCI cannot provide the necessary labor, equipment failure, etc.
10. Due to the potential condition or deterioration of assets that may or may not have been maintained, Owner shall indemnify USCI, and all officers and agents of USCI, against all damages, costs or expenses that may result from damage to property or personal injury caused by reason of the Owner's failure to maintain its assets or deterioration of Owner's assets in relation to any work in connection with this Agreement. Such indemnity includes, but is not limited to, damage to property or personal injury occasioned by any negligence, act or omission to act by USCI or any of its servants, agents, employees, or any subcontractor retained by USCI to perform any of the work contemplated by or under this agreement.
11. Once delivered to the job site, ownership of the ice slurry is transferred to Owner. All ice delivered to and removed from the water main, along with the wastes generated from the resulting process shall be the sole property of Owner. Owner shall dictate the specific disposal procedures to be employed during the process.



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Townsend MA / Main St. PS

Proposed Schedule of Work

Date	Run #	Insertion Point	Discharge Point	Disposal Method	Length (FT)	Pipe Dia.(in)	Pipe Material	Ice Quantity (Gals)
TBC	1	A	B	Tanker	2,986	8	CI	2700

Note: Please refer to attached map for insertion/discharge points.



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Responsibility		Ice Making Procedure
Owner	1.	The ice delivery unit and ice making unit shall be staged in a suitable level area, preferably a fenced area at a water treatment plant or other facility. The facility needs access to potable water, preferably a hydrant but also a water spigot will work.
USCI	2.	The hoses and fittings connecting the ice maker and delivery unit shall be disinfected and connected. This connection makes a closed loop system between the ice maker and delivery unit. The only place for contaminants to enter the system are through the tank hatch which shall be closed except for visual inspection by the operator.
USCI	3.	Approximately 2,700 gallons of potable water shall be added to the delivery tank, along with approximately 1100lbs of NSF-60 Certified Sodium Chloride.
USCI	4.	If requested by the Owner, the Chlorine residual in the brine solution may be increased to 10ppm. The chlorine residual shall be tested, and then the appropriate amount of NSF-60 Certified Sodium hypochlorite shall be added to the brine solution. The solution shall be retested to confirm the chlorine residual.
USCI	5.	The PLC controlling the ice making process shall be started and allowed to run overnight. USCI shall monitor the procedure overnight via periodic visits or remote monitoring.
USCI	6.	After completion of the ice making process, the delivery pump shall be started and a small amount of ice shall be tested to determine the ice fraction. If the ice fraction is below the project's requirement, the ice making process shall continue.
USCI	7.	If the ice fraction is in accordance with the project's requirement, then the ice maker shall be shut off and disconnected. The ice contained in the delivery unit shall be delivered to the job site.



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Townsend MA / Main St. PS

Responsibility		On-Site Delivery Actions
Owner	1.	Owner shall setup and maintain traffic control procedures in conjunction with the setup procedures listed in Steps 2-3.
USCI	2.	The ice pigging delivery unit shall be parked near the insertion fitting. <ul style="list-style-type: none"> • Hoses shall be setup from the delivery unit to the insertion point. • The insertion point shall be flushed to clean out the barrel, and then shut off. • The insertion point fittings shall be disinfected with 250ppm Cl solution. • The hoses shall be connected to the insertion point.
USCI	3.	Where possible, the extraction point instrumentation unit shall be setup near the extraction hydrant. <ul style="list-style-type: none"> • Hoses shall be setup from the instrumentation unit to the hydrant. • Hoses shall run from the instrumentation unit to the sanitary sewer. • De-chlorination equipment shall be setup where required. • The hydrant shall be flushed to clean out the barrel, then shut off • The hydrant fittings shall be disinfected with 250ppm Cl solution. • The instrumentation unit connected to the hydrant, and the hydrant turned on. • Water quality readings shall be taken. • The unit shall be allowed to flow water.
Owner	4.	The final valves shall be closed to isolate the water main.
USCI	5.	The isolation of the main shall be verified by the instrumentation unit. The extraction hydrant valve shall be closed after main isolation is verified and before the pressure goes below 20psi in the main.
USCI	6.	The insertion point valve shall be opened and the ice slurry pumped into the water main. <ul style="list-style-type: none"> • Prior to pumping the percent solids of the ice slurry shall be documented. The extraction hydrant valve shall be operated to allow for the displacement of water by the introduction of the ice and maintain the pressure above 20psi in the main.
USCI	7.	Once the proper amount of ice slurry has been delivered, the insertion point and extraction hydrant valve shall be closed and the pressure is maintained above 20psi in the main.



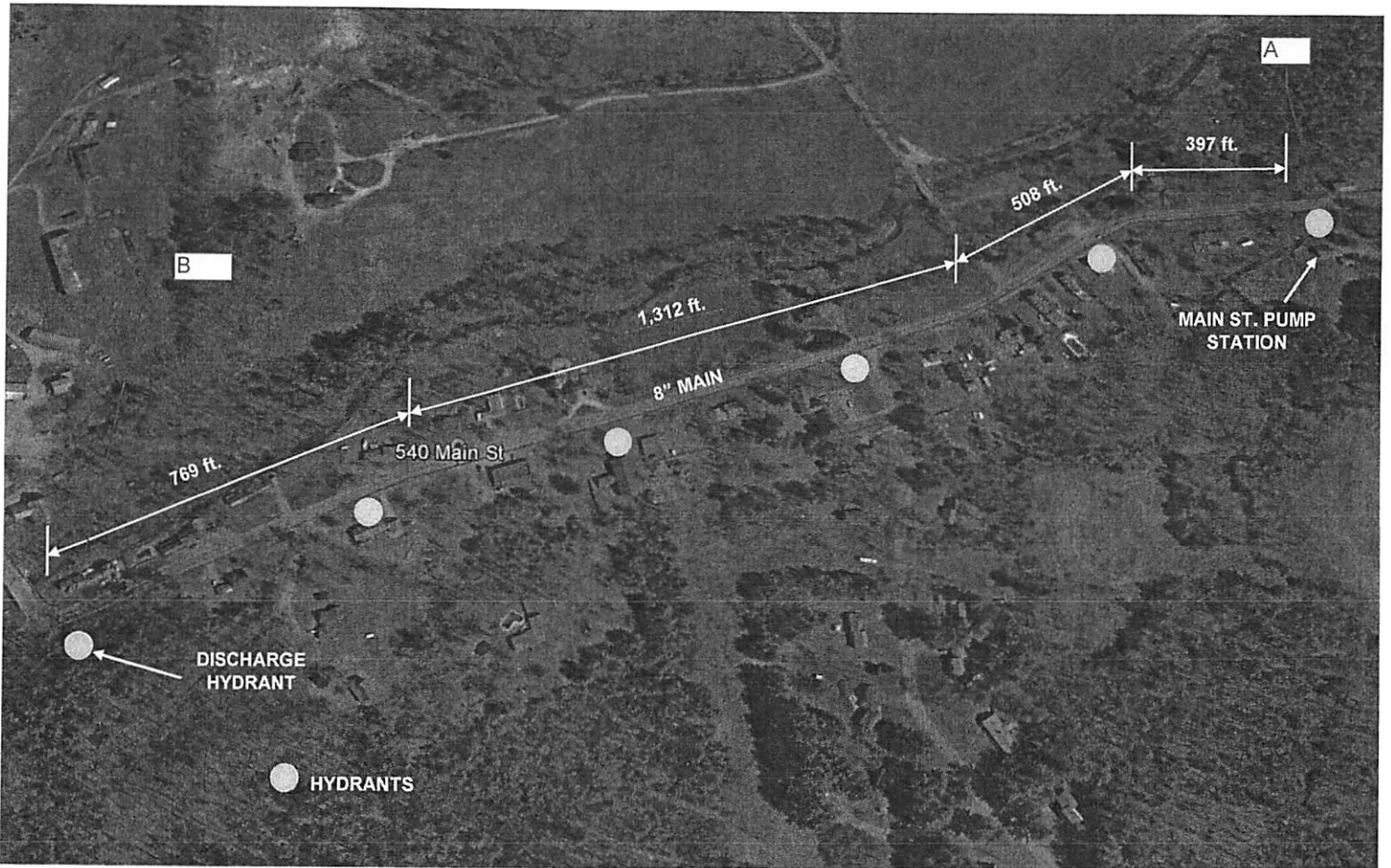
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Owner	8.	IMMEDIATELY, the upstream main line valve shall be opened to supply the needed pressure to push the ice pig through the main.
USCI	9.	Once full system pressure, as observed prior to system shutdown, is monitored at the instrumentation unit, the operator shall open the extraction hydrant valve to control the flow of water and monitor the progress of the ice pig.
USCI	10.	Once the pig is monitored to arrive, the flow of water shall be diverted from the de-chlorination equipment to flow to the sanitary sewer specified by the Owner.
USCI	11.	The water quality shall be monitored and flow shall continue until the water quality returns to the initial water quality readings. <ul style="list-style-type: none">• Final chlorine shall be documented.
USCI	12.	The insertion point shall be flushed to remove any ice that remains between the water main and hydrant.
USCI	13.	The entrance and exit locations shall be cleaned up with all materials and equipment removed from the site.
Owner	14.	The downstream main valve shall be opened and returned to full service.

**ICE PIGGING PROJECT
APPROXIMATELY 2,986 FT. OF 8" MAIN WEST OF MAIN ST. PUMPING STATION**



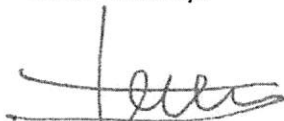
16th April 2012

Sole Source Letter

To Whom It May Concern:

This letter serves to provide notification that the Sole Rights holder of the Ice Pigging technology for the water and waste water industry for the territory of the United States of America has been granted by Aqualogy Environment Limited, in its capacity as exclusive worldwide licensee, to Utility Services Co. Inc., (company number 58-1920989 whose registered office is at P.O. Box 1350, 535 Courtney Hodges Blvd, Perry, Georgia 31069).

Yours faithfully,



Jordi Valls
Chief Executive Officer

Paul Rafuse

From: Kelley, Scott <SKelley@utilityservice.com>
Sent: Monday, March 13, 2017 4:27 PM
To: Paul Rafuse
Subject: RE: Ice Pigging Townsend MA | SUEZ

Hi Paul,

Shortening the run to start at another hydrant is not a problem. However, it does not change the price. It will still be a full day rate for the 10 ton Ice Pigging resources which is \$12K per day. The earliest we could do a job this small without adding mobilization and demobilization fees is to add it to other work we have going in the area which will start in the summer and run through Thanksgiving.

If you needed to Ice Pig this section of pipe sooner, I could secure the smaller 2 ton Ice Pigging resources to conduct 5 runs over two weeks at a price of \$25K. The 2 ton rig needs a day of ice making prior to each run. Paul has checked and you do have the five hydrants necessary on this run to make the 2 ton work for you.

The other option of Ice Pigging sooner than late summer-fall is if you conduct the full project as originally specified. I need a minimum of a three day project to reroute the truck. Business rule. Otherwise we are jumping all across the U.S. and Canada losing money.

Best Regards,

Scott B Kelley
Water System Consultant
Water | Advanced Solutions

Mob: (603) 724-8226
Fax: (478) 987-2991
skelley@utilityservice.com
[Connect with me on LinkedIn](#)



Utility Service Co., Inc.
24 Fellows Rd
Brentwood, NH 03833
www.utilityservice.com

From: Paul Rafuse [mailto:prafuse@townsend.ma.us]
Sent: Monday, March 13, 2017 12:21 PM
To: Kelley, Scott <SKelley@utilityservice.com>
Subject: RE: Ice Pigging Townsend MA | SUEZ

Hi Scott,

Don't know if it makes a lot of difference price wise but, we would propose injecting the ice slurry in at the first available hydrant rather than the one I proposed (in the picture I provided you) to install prior to the pigging project which was at the pump station. This would eliminate approximately 400 feet off the job.

The other thing is, customers are experiencing rusty water a lot more often now. Is there any possibility to fit this in as soon as possible (within the next 4-6 weeks)? I'd greatly appreciate it.

I know you guys are the only people that do this. Do you have a sample sole source procurement template? I spoke to Bob Ash in Pepperell. He seemed unsure about that part and told me that his boss would be more familiar with that.

Any assistance you can provide me would be greatly appreciated.

Thank you

From: Kelley, Scott [<mailto:SKelley@utilityservice.com>]
Sent: Monday, March 13, 2017 8:49 AM
To: 'Paul Rafuse (prafuse@townsend.ma.us)' <prafuse@townsend.ma.us>
Subject: Ice Pigging Townsend MA | SUEZ

Hi Paul,

Attached is a revised proposal to conduct the one run of 2986' 8" cast iron pipe on Main St in Townsend. Because this is one day of Ice Pigging, we will need to add this project to the schedule of other work being performed in MA. The work in MA is scheduled to take place this summer. Once approved a welcome packet will be delivered to you and a project manager will be in touch with you to schedule and review logistics prior to the project start.

A signed proposal allows me to include your project with the MA schedule. Let me know if you have any questions. Thank you.

Best Regards,

Scott B Kelley
Water System Consultant
Water | Advanced Solutions

Mob: (603) 724-8226
Fax: (478) 987-2991
skelley@utilityservice.com



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Brentwood, NH 03833
www.utilityservice.com

No virus found in this message.
Checked by AVG - www.avg.com
Version: 2016.0.7998 / Virus Database: 4756/14110 - Release Date: 03/13/17

No virus found in this message.
Checked by AVG - www.avg.com
Version: 2016.0.7998 / Virus Database: 4756/14114 - Release Date: 03/14/17



TOWN OF TOWNSEND
BOARD OF WATER COMMISSIONERS
APPLICATION TO ABATE OR ADJUST CHARGES

Name: Various Accts Attached Account # _____

Address: _____

Phone # _____ Email Address _____

Billing date 2/16/17

AMOUNT: _____ ABATEMENT [] ADJUSTMENT [] (check one)

REQUESTED BY: CUSTOMER [] OFFICE [] OTHER [] - if other please explain below:

Reasons: (please attached supporting documentation if applicable)

Late charges are to be Adjusted to the
following Accts (see attached) totaling \$ 35.46

_____ late fees

APPROVED [] DENIED [] (check one)

DATE: 3-17-17

TOWNSEND BOARD OF WATER COMMISSIONERS

Michael G. [Signature]
[Signature]
[Signature]

Treasurer's office
Misplaced payments
were placed in town
Hall mailbox Friday
2/10. We received
Tues Feb 14th.

3.5



Office of the
Townsend Water Department
540 Main Street
West Townsend, MA 01474
Tel: 978-597-2212
Fax: 978-597-5611

Application No. 2017-1
Account No. 61718
Date 3/6/2017

APPLICATION FOR WATER SERVICE

Name of Property Owner: ERVING MARSHALL BEING SOLD TO JOHN HARRISON
Service Address: 87 A BROOKLINE ROAD
TOWNSEND MA 01469
Tel No.: _____ Cell No. 978-758-7402
Billing Address: 186 ALBEE ST, FITCHBURG MA 01420
(If different from service address): TWASNUM1@GMAIL.COM
Please send text to John when emailing him documents

Units (Check all that apply):

Single Family (If Professional Bldg.) No. of Businesses
 Multi Family (Apartment Building) No. Apartments
 Hotel/Motel No. Rooms:

Type of Use (Check One):

Residential Industrial
 Commercial/Business Municipal
 Agricultural

*✓ # 123
2,000 -
3/3/17.*

Is a sprinkler system required for fire protection? Yes No
If yes a proposed design plan of the system must be submitted including required flows, required pipe size, and size and backflow prevention device.

Is a flow test/s required? Yes No
If yes the owner will be billed separately at the current rate per flow test.

Is there an existing or proposed automatic lawn irrigation system? Yes No On separate well

Has a sketch or plot plan been provided showing the location of the septic system, automatic lawn irrigation system and any known or proposed additions to the existing building? Yes No *****Plot Plan Requested

I, the Owner understand this form is to be completed and all Fees, charges, and required documentation must be received before water service will be turned on. I also understand that I have from April 1st to November 1st of the same calendar year of the application date to complete the installation or this application shall be null and void and the Connection/System Development charge forfeited. In addition, I acknowledge receipt of the Townsend Water Department's current Rules and Regulations

[Signature]
Signature of Owner/Applicant Date 3-16-17

BOARD OF WATER COMMISSIONERS

[Signature]
Chairman
[Signature]
Clerk

[Signature]
Vice Chairman
3/17/17
Date Signed by Board of Water Commissioners



Office of the
Townsend Water Department
540 Main Street
West Townsend, MA 01474
Tel: 978-597-2212
Fax: 978-597-5611

Application No. 2017-2
Account No. 61719
Date 3/10/2017

APPLICATION FOR WATER SERVICE

Name of Property Owner: GARY AMADON
Service Address: 5 WHEELER ROAD
WEST TOWNSEND MA 01474
Tel No.: 978-597-8039 Cell No. _____

Billing Address:
(If different from service address): _____

EMAIL gamadon@comcast.net

Units (Check all that apply):
 Single Family (If Professional Bldg.) No. of Businesses
 Multi Family (Apartment Building) No. Apartments
 Hotel/Motel No. Rooms:

Type of Use (Check One): Residential Industrial
 Commercial/Business Municipal
 Agricultural

Is a sprinkler system required for fire protection? Yes No
If yes a proposed design plan of the system must be submitted including required flows, required pipe size, and size and backflow prevention device.

Is a flow test/s required? Yes No
If yes the owner will be billed separately at the current rate per flow test.

Is there an existing or proposed automatic lawn irrigation system? Yes NO On separate well

Has a sketch or plot plan been provided showing the location of the septic system, automatic lawn irrigation system and any known or proposed additions to the existing building? Yes No *****Plot-Plan Requested

I, the Owner understand this form is to be completed and all Fees, charges, and required documentation must be received before water service will be turned on. I also understand that I have from April 1st to November 1st of the same calendar year of the application date to complete the installation or this application shall be null and void and the Connection/System Development charge forfeited. In addition, I acknowledge receipt of the Townsend Water Department's current Rules and Regulations.

Gary Amadon
Signature of Owner/Applicant 3/11/17
Date

[Signature]
Chairman
[Signature]
Clerk

BOARD OF WATER COMMISSIONERS
[Signature]
Vice Chairman
3/17/17
Date Signed by Board of Water Commissioners

✓ # 2289
2,000 -
3/11/17



71 Concord Street
North Reading, MA 01864
Tel: 978-664-WELL (9355) Fax: 978-664-9356
www.maherserv.com

5.2

2/10/2017

Paul Rafuse
Townsend Water Department
540 Main Street
P.O. Box 17
West Townsend, MA 01474
paulr@townsendwater.ma.us
Phone - (978) 597-2212
Fax - (978) 597-5611

Proposal No.: MS-3034A

**RE: Main Street Station – New Pump
Townsend, MA**

Dear Paul,

We are pleased to submit this proposal for the above referenced project. Maher Services, Inc, (MSI), 71 Concord Street, North Reading, MA 01864, will be providing services for the project referred to as Main Street Station Centrifugal Pump, Townsend, MA. Please see the attached Quote Form for detailed pricing.

Scope of Work:

The existing Goulds split case pump was originally installed in 1934. Per information provided the pump was designed for 350 GPM @ 215' TDH. We propose to provide a Grundfos Vertical, in-line, multistage pump that will meet your requested design of 350 GPM @ 215' TDH. The Grundfos pump unit, (including motor) would be less expensive than an Aurora split case pump.

Installation of the new pump will be charged at time and materials.

Prices are good for 10 days from the date of this proposal and are based upon MSI standard wage rates, unless otherwise noted. Payment are net 30 days and interest will be charged at the rate of 1-1/2% per month on any balance that remains unpaid thirty (30) days after the date of invoice. The pricing and scope of work is based upon information provided to MSI, and is an estimate only.

Site access is to be provided and maintained by CLIENT in a condition suitable for MSI's equipment. MSI is not responsible for damage to paved, grassed, or landscaped areas. MSI is not responsible for materials and items not specifically enumerated in the proposal/contract. MSI is not responsible for Federal, state or local permits and/or taxes.

Our Contract Terms and Conditions are attached hereto and by this reference incorporated into the contract. In order to proceed, please return a signed copy of the proposal along with an initialed copy of the Contract Terms and Conditions.

If you need further information please contact us.

**Sincerely,
MAHER SERVICES, INC.**



**Peter Maher
pmaher@maherserv.com**

PROPOSAL # MS-3034A

Accepted and Agreed:

Company: Townsend Water Department

By: _____
(Signature)

Name: _____
(Please Print)

Title: _____
(Please Print)

The above individual represents that he/she is authorized to execute this contract on behalf of the CLIENT. MSI Contract Terms and Conditions must be initialed and returned with this contract.

NO WORK ON THE PROJECT WILL COMMENCE UNTIL MSI RECEIVES AND ACCEPTS THE SIGNED PROPOSAL/CONTRACT AND CONTRACT TERMS AND CONDITIONS IN THEIR ENTIRETY. IF ACCEPTED AN EXECUTED COPY WILL BE RETURNED TO YOU.

ACCEPTED BY AUTHORIZED REPRESENTATIVE

MAHER SERVICES, INC.

By: _____

Title: _____

Date: _____

Maher Services, Inc.

71 Concord Street
 North Reading, MA 01864
 Tel: 978-664-WELL (9355) Fax: 978-664-9356

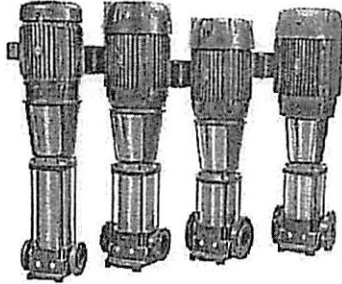
Proposal
 MS-3034A

<p>2/10/2017</p> <p>Paul Rafuse Townsend Water Department 540 Main Street P.O. Box 17 West Townsend, MA 01474 paulr@townsendwater.ma.us Phone - (978) 597-2212 Fax - (978) 597-5611</p>	<p>Project:</p>	<p>RE: Main Street Station</p> <p>Townsend, MA</p>
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Item	Description	Estimated Quantity	Unit Cost	Tax able	Total
1	Grundfos Vertical, in-line, multistage pump that will meet your requested design of 350 GPM @ 215' TDH. CR90-2-1 A-G-A-E-HQQE, 230.460v, 3 phase, 60 HZ	1.00	ls	\$ 9,998.00	\$ 9,998.00
	Note - Price dose not include freight, removal of existing pump or installation of the new pump.				
Estimated SubTotal				\$ 9,998.00	
Estimated Sales Tax				\$ -	
Estimated Total				\$ 9,998.00	

Position	Count	Description
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1 CR 90-2-1 A-G-A-E-HQQE



Product photo could vary from the actual product

Product No.: 96418765
Vertical, non-self-priming, multistage, in-line, centrifugal pump for installation in pipe systems and mounting on a foundation.

The pump has the following characteristics:

- Impellers and intermediate chambers are made of Stainless steel, DIN W.-Nr. 1.4301.
- Pump head and base are made of Cast iron.
- The shaft seal has assembly length according to EN 12756.
- Power transmission is via cast iron split coupling.
- Pipework connection is via ANSI flanges.

The motor is a 3-phase AC motor.

Liquid:
Pumped liquid: Water
Liquid temperature range: -22 .. 248 °F
Liquid temp: 68 °F
Density: 62.29 lb/ft³

Technical:
Speed for pump data: 3541 rpm
Actual calculated flow: 349 US gpm
Resulting head of the pump: 213.4 ft
Primary shaft seal: HQQE
Approvals on motor nameplate: UL Recognized Component, CSA
Curve tolerance: ISO9906:2012 3B

Materials:
Pump housing: Cast iron
EN-JS1050
ASTM 80-55-06
Impeller: Stainless steel
DIN W.-Nr. 1.4301
AISI 304

Installation:
Maximum ambient temperature: 104 °F
Max pressure at stated temperature: 232 psi / 250 °F

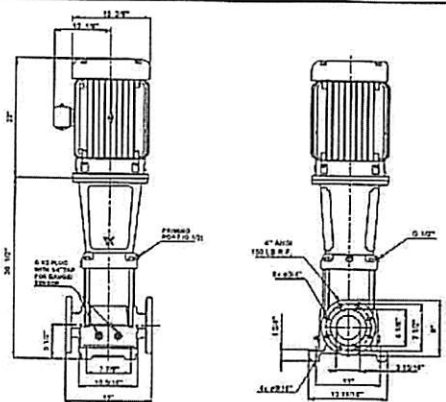
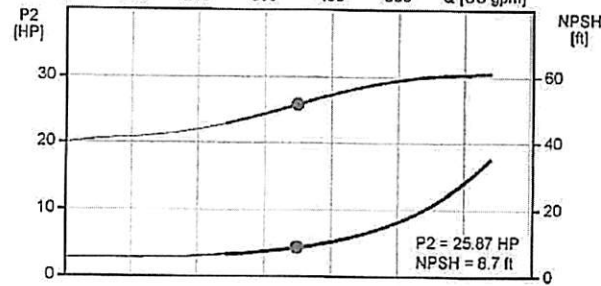
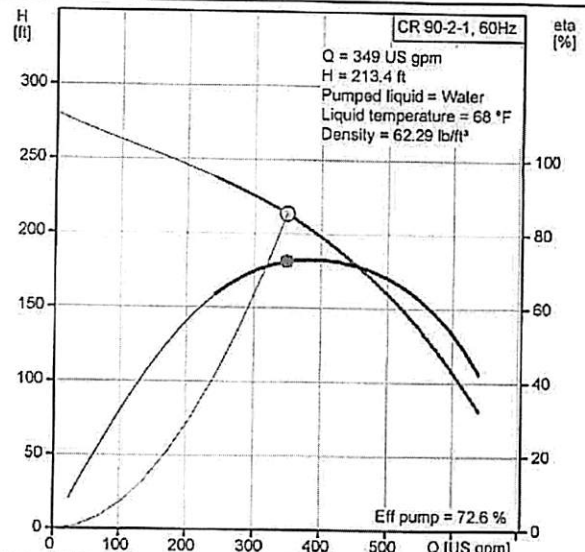


Company name:
Created by:
Phone:

Date: 2/6/2017

Position	Count	Description
		<p>Flange standard: ANSI Pipe connection: 4" Pressure stage: 125 Lb. Flange size for motor: 284TC</p> <p>Electrical data: Motor type: BALDOR Rated power - P2: 30 HP Main frequency: 60 Hz Rated voltage: 3 x 230/460 V Service factor: 1.15 Rated current: 66/33 A Starting current: 448/224 A Cos phi - power factor: 0,91 Rated speed: 3525 rpm Insulation class (IEC 85): F</p> <p>Others: Net weight: 550 lb Gross weight: 568 lb Shipping volume: 32.8 ft³</p>

Description	Value
General information:	
Product name:	CR 90-2-1 A-G-A-E-HQQE
Product No.:	96418765
EAN:	5700390733551
Price:	On request
Technical:	
Speed for pump data:	3541 rpm
Actual calculated flow:	349 US gpm
Resulting head of the pump:	213.4 ft
Head max:	281.2 ft
Impellers:	2
Impeller reduc.:	1
Primary shaft seal:	HQQE
Approvals on motor nameplate:	UL Recognized Component, CSA
Curve tolerance:	ISO9906:2012 3B
Stages:	2
Pump version:	A
Model:	B
Materials:	
Pump housing:	Cast iron EN-JS1050
Impeller:	ASTM 80-55-06 Stainless steel DIN W.-Nr. 1.4301 AISI 304
Material code:	A
Code for rubber:	E
Installation:	
Maximum ambient temperature:	104 °F
Max pressure at stated temperature:	232 psi / 250 °F
Flange standard:	ANSI
Connect code:	G
Pipe connection:	4"
Pressure stage:	125 Lb.
Flange size for motor:	284TC
Liquid:	
Pumped liquid:	Water
Liquid temperature range:	-22 .. 248 °F
Liquid temp:	68 °F
Density:	62.29 lb/ft³
Electrical data:	
Motor type:	BALDOR
Rated power - P2:	30 HP
KVA code:	G
Main frequency:	60 Hz
Rated voltage:	3 x 230/460 V
Service factor:	1.15
Rated current:	66/33 A
Starting current:	448/224 A





Company name:
Created by:
Phone:

Date: 2/6/2017

Description	Value
Load current:	77.2/38.6 A
Cos phi - power factor:	0,91
Rated speed:	3525 rpm
Insulation class (IEC 85):	F
Motor protection:	NONE
Motor Number:	84Z03091

Others:

Net weight:	550 lb
Gross weight:	568 lb
Shipping volume:	32.8 ft ³
Sales region:	Namreg

Renew Mechanical Maintenance LLC

Makin' the flow go

Page 1

TO: Town of West Townsend
Paul Rafuse – Superintendent
512 Main Street
West Townsend, MA 01474

FROM: Forrest A. Hardardt
Renew Mechanical Maintenance, LLC
6 Pine Road
Hampton, NH 03842
Fhardardt7@gmail.com
1-603-918-3812

RE: Installation of a new Grundfos booster pump

Scope of work:

Work to include the removal and replacement of two (2) six inch (6") gate valves, (valves to be supplied by the town), remove remainder of the old pump base, electric motor, and mounting base. Electric motor to remain on site.

Installation of the new pump (supplied by other) and secure it to the floor. Remove and replace the four inch (4") check valve. Install new spool pieces to re-pipe to the new pump.

Renew Mechanical Maintenance, LLC is pleased to provide the following quote of Six Thousand, Seven Hundred Dollars (\$6,700.00) to complete the above mentioned project.

A One (1) year guarantee from the date of final invoice, on all labor and materials, as long as materials were purchased and installed by, Renew Mechanical Maintenance, LLC.

Acceptance:

This signed form authorizes Renew Mechanical Maintenance, LLC to perform the above mentioned project. Terms are NET DUE 30 days unless specified in writing ahead of time.

Customer signature: _____ Date: _____

Customers Name Printed: _____

Renew Mechanical Maintenance, LLC: _____ Date: _____

Forrest A. Hardardt - President

Renew Mechanical Maintenance LLC – 6 Pine Rd., Hampton, NH 03842 – 1-603-918-3812 –
Fhardardt7@gmail.com



H.R. Prescott & Sons, Inc.
 165 Hartwell Street
 West Boylston, MA 01583
 Phone:(508) 835-4431
 Fax:(508) 835-2726

QUOTE

QUOTE DATE	QUOTE NUMBER
03/02/17	79581-00
REFERENCE	PG #
QUOTE EXP IN 30 DAYS	1

Quote For:

TOWNSEND WATER DEPARTMENT
 540 MAIN STREET

WEST TOWNSEND, MA 01474

Ship To:

TOWNSEND WATER DEPARTMENT
 540 MAIN STREET

WEST TOWNSEND, MA 01474

LN	ITEM / DESCRIPTION	ORDERED	UM	PRICE	AMOUNT
1	60SY- 6 FLG OS&Y VALVE 10.5" FACE TO FACE	2	EA	1329.00	2658.00
				Total	2658.00
				Quote Total	2658.00

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Budget Worksheet

Department Name	Department Number	Fiscal Year
Water	061	2018

Budget Description	FY2017 Approp.	FY 2018 Proposed	% Change	Town Administrator Recommend
Personal Services	\$313,252.00	\$330,711.00	5.57%	
Expenses	\$354,490.00	\$365,690.00	3.16%	
Total Dept. Operating Budget	\$667,742.00	\$696,401.00	4.29%	

Acct. #	Budget Detail	FY2017 Approp.	FY 2018 Proposed	% Change	Town Administrator Recommend
061-04-000-5100-0000-000	Salaries & Wages - Department Head	\$80,305.00	\$82,073.00	2.20%	
061-04-000-5110-0000-000	Salaries & Wages - Operational Staff	\$152,463.00	\$155,661.00	2.10%	
061-04-000-5112-0000-000	Salaries & Wages - Office Staff	\$53,355.00	\$57,974.00	8.66%	
061-04-000-5120-0000-000	Salaries & Wages - Temp. Help	\$1.00	\$0.00	-100.00%	
061-04-000-5130-0000-000	Additional Gross-Overtime	\$10,500.00	\$13,200.00	25.71%	
061-04-000-5134-0000-000	Additional Gross - Reg. & Spec. On - Call	\$10,725.00	\$9,600.00	-10.49%	
061-04-000-5190-0000-000	Additional Gross - Longevity	\$3,900.00	\$4,700.00	20.51%	
061-04-000-5191-0000-000	Commissioners Stipends	\$3.00	\$3.00	0.00%	
061-04-000-5192-0000-000	Other-Stipends	\$0.00	\$5,500.00	#DIV/0!	
061-04-000-5193-0000-000	Other - Retirement Benefits	\$2,000.00	\$2,000.00	0.00%	
	TOTAL PERSONAL SERVICES	\$313,252.00	\$330,711.00	5.57%	

Date:

Note: There are a few changes;

1. It should be noted that the Intermunicipal Agreement expense is and has been omitted from reflecting it on the budget per Town Accountant several years ago. I have increased the amount to \$200,000.00 from \$193,000.00.
2. Per the Town Accountant clothing allowance was taken from the salary and wages section and put into the expense section.

Expense Worksheet

Department	Fiscal Year	Account #
Water	18	61

Acct. #	Description	FY17 Approp.	Proposed	% Differential	Town Administrator Recommend
5201	Prior Year Unpaid Bills				
061-04-000-5210-0000-000	Energy	70,000	70,000	0.00%	
061-04-000-5240-0000-000	Repairs and Maintenance - Bldg	5,000	5,000	0.00%	
061-04-000-5245-0000-000	Repairs and Maintenance - Equip, Veh	20,000	20,000	0.00%	
061-04-000-5245-0006-000	Repair and Maintain SCADA System	10,000	10,000	0.00%	
061-04-000-5270-0000-000	Rentals	1,000	1,000	0.00%	
061-04-000-5300-0000-000	Professional & Technical Services	20,000	30,000	50.00%	Recommended by Counsel to include Attys. Fees
061-04-000-5300-0001-000	Backflow Prevention Survey and Testing	6,000	6,000	0.00%	
061-04-000-5300-0002-000	Professional Legal Services				
061-04-000-5340-0000-000	Communication (Tel,Internet,Post, etc)	17,600	17,600	0.00%	
061-04-000-5380-0000-000	Other Purchased Services	2,600	2,600	0.00%	
061-04-000-5420-0000-000	Office Supplies	5,000	5,000	0.00%	
061-04-000-5430-0000-000	Building Supplies	1,500	1,500	0.00%	
061-04-000-5435-0000-000	Equipment Maint Supplies	1,500	1,500	0.00%	
061-04-000-5460-0000-000	Groundskeeping Supplies	500	500	0.00%	
061-04-000-5480-0000-000	Vehicular Supplies	8,000	8,000	0.00%	
061-04-000-5530-0000-000	Public Works Supplies	35,000	35,000	0.00%	
061-04-000-5530-0001-000	Chemicals (Treatment)	23,000	23,000	0.00%	
061-04-000-5580-0000-000	Other Supplies	1,000	1,000	0.00%	
061-04-000-5585-0000-000	Clothing Allowance	4,800	5,000	4.17%	Recommended to be moved from Salaries & Wages per Twn Acct.
061-04-000-5710-0000-000	Travel, Mileage - In State	1,100	1,100	0.00%	
061-04-000-5720-0000-000	Travel, Mileage - Out of State	100	100	0.00%	
061-04-000-5730-0000-000	Dues and Memberships	2,000	2,000	0.00%	
061-04-000-5780-0000-000	Other Charges	500	500	0.00%	
061-04-000-5785-0000-000	Other Charges - State Water Assess.(DEP)	2,000	2,000	0.00%	
061-04-000-5850-0000-000	New Equipment	10,000	10,000	0.00%	
061-04-000-5870-0000-000	Replacement Equipment	0	0	#DIV/0!	
061-04-000-5910-0000-000	LT Debt Service-MWPAT-Eastside Phase I	35,043	35,043	0.00%	
061-04-000-5901-0001-000	LT Debt Service-MWPAT- Eastside Phase II	51,001	51,001	0.00%	
061-04-000-5920-0000-000	LT Interest-MWPAT-Eastside Phase I	7,331	7,331	0.00%	
061-04-000-5920-0001-000	LT Interest-MWPAT-Eastside Phase II	13,915	13,915	0.00%	
061-04-000-5975-0000-000	Intermunicipal Agreement	0	0	#DIV/0!	
	Total	355,490	365,690	2.87%	

	FY15 Actual	FY16 Actual	FY17 Appropriation	FY18 Request	% Change	BOWC Recommended
Personnel Services					#DIV/0!	
Salary-Superintendent	\$71,910.72	\$73,988.80	\$80,305.00	\$82,073.00	2.20%	
Wages-Operational Staff	\$97,760.42	\$99,152.70	\$152,463.00	\$155,661.00	2.10%	
Wages-Support Staff	\$54,949.81	\$39,237.12	\$53,355.00	\$57,974.00	8.66%	
Wages-Temporary Help		\$0.00	\$1.00	\$0.00	-100.00%	
Additional Gross Overtime	\$5,130.48	\$4,999.54	\$10,500.00	\$13,200.00	25.71%	
Additional Gross Reg & Spec On Call	\$13,918.64	\$14,325.00	\$10,725.00	\$9,600.00	-10.49%	
Other-Stipend-Longevity	\$3,900.00	\$3,600.00	\$3,900.00	\$4,700.00	20.51%	
Other-Stipends-Bd Of Wtr Comm	\$0.00	\$0.00	\$3.00	\$3.00	0.00%	
Other-Stipends	\$1,000.00	\$1,000.00	\$0.00	\$5,500.00	#DIV/0!	
Other-Retirement Benefits	\$0.00	\$0.00	\$2,000.00	\$2,000.00	0.00%	
Total Personnel Services	\$248,570.07	\$236,303.16	\$313,252.00	\$330,711.00	5.57%	\$ -
Expenses						
Energy	\$95,351.98	\$82,266.05	\$70,000.00	\$70,000.00	0.00%	
Repair & Maint. Building	\$3,004.09	\$1,706.69	\$5,000.00	\$5,000.00	0.00%	
Repair & Maint. Equipment	\$28,663.02	\$19,209.44	\$20,000.00	\$20,000.00	0.00%	
Repair & Maint. SCADA System	\$0.00	\$0.00	\$10,000.00	\$10,000.00	0.00%	
Rentals	\$965.00	\$1,220.00	\$1,000.00	\$1,000.00	0.00%	
Professional Services	\$36,136.83	\$31,370.03	\$20,000.00	\$30,000.00	50.00%	
Prof Services-Backflow Survey	\$5,775.00	\$7,450.00	\$6,000.00	\$6,000.00	0.00%	
Prof. Legal Services						
Communication	\$17,761.16	\$13,982.70	\$17,600.00	\$17,600.00	0.00%	
Other Services	\$0.00	\$0.00	\$2,600.00	\$2,600.00	0.00%	
Office Supplies	\$2,556.18	\$1,946.49	\$5,000.00	\$5,000.00	0.00%	
Building Supplies	\$595.14	\$0.00	\$1,500.00	\$1,500.00	0.00%	
Equip. Maint. Supplies	\$0.00	\$0.00	\$1,500.00	\$1,500.00	0.00%	
Grounds Keeping Supplies	\$0.00	\$18.14	\$500.00	\$500.00	0.00%	
Vehicular Supplies	\$7,780.04	\$4,625.88	\$8,000.00	\$8,000.00	0.00%	
Public Works Supplies	\$47,025.41	\$47,389.49	\$35,000.00	\$35,000.00	0.00%	
Public Works Supplies-Chemicals	\$13,349.48	\$12,846.62	\$23,000.00	\$23,000.00	0.00%	
Other Supplies	\$0.00	\$8.25	\$1,000.00	\$1,000.00	0.00%	
Clothing Allowance	\$2,400.06	\$1,069.04	\$3,800.00	\$5,000.00	31.58%	
Travel/Mileage-In State	\$597.90	\$377.82	\$1,100.00	\$1,100.00	0.00%	
Out Of State Travel	\$0.00	\$0.00	\$100.00	\$100.00	0.00%	
Dues & Memberships	\$1,288.00	\$2,632.00	\$2,000.00	\$2,000.00	0.00%	
Other Charges	\$0.00	\$0.00	\$500.00	\$500.00	0.00%	
Assessment DEP	\$1,718.56	\$1,696.10	\$2,000.00	\$2,000.00	0.00%	
New Equipment	\$477.51	\$0.00	\$10,000.00	\$10,000.00	0.00%	
Replacement Equipment	\$0.00	\$0.00	\$0.00	\$0.00	#DIV/0!	
LT Debt Serv. - MWPAT Eastside Ph 1	\$33,669.00	\$34,349.00	\$35,043.00	\$35,043.00	0.00%	
LT Debt Serv. - MWPA Eastside Ph 2	\$47,963.42	\$48,932.46	\$51,001.00	\$51,001.00	0.00%	
LT Interest-MWPAT-Eastside Ph 1	\$8,704.97	\$8,024.79	\$7,331.00	\$7,331.00	0.00%	
LT Interest-MWPAT-Eastside Ph 2	\$13,620.19	\$12,651.23	\$13,915.00	\$13,915.00	0.00%	
Total Expenses	\$369,402.94	\$333,772.22	\$354,490.00	\$365,690.00	3.16%	\$ -
Total Budget	\$617,973.01	\$570,075.38	\$667,742.00	\$696,401.00	4.29%	\$ -

Labor Worksheet

Department Name	Acct. Number	Fiscal Year
Water	061 LABOR Rvsd1	2018

Department Head		Current Annum	FY 2018 Proposed	% Change	Comments/Notes
Name: Paul Rafuse	Salary & Wages - Base	80,305	82,073	2.20%	Includes Reg. & Holiday On Call Per State Ethics Comm. 17.4 weeks, and 4 holidays on call
Position: Superintendent	Add'l Gross - Overtime				
Hrs/Wk:40 Rate: (Salary)	Add'l Gross - Reg & Hol. On Call				
Current: 35.30	Add'l Gross - Longevity	900	1,500	66.67%	
Proposed: 37.08	Other Stipend				
	Other Stipend	0	500	#DIV/0!	
	Other - Clothing Allow.	800	0	-100.00%	Transferred to Expense per Twn Acct.
	Employee Total	82,005	84,073	2.52%	

Operational Staff		Current Annum	FY 2018 Proposed	% Change	Comments/Notes
Name: Michael MacEachern	Salary & Wages - Base	50,821	51,887	2.10%	
Position: Water Technician	Add'l Gross - Overtime	3,000	3,300	10.00%	
Hrs/Wk: 40 Rate: Hourly	Add'l Gross - Reg. & Hol. On call	4,725	4,650	-1.59%	17.4 weeks and, 4 holidays on call
Current: 23.65	Add'l Gross - Longevity	1,100	1,300	18.18%	
Proposed: 24.85	Other Stipend-Working during snowstorms		1,000		
	Other Stipend-Possessing Licenses	500	500		
Per Collective Bargaining Agrmt.	Other - Clothing Allow.	1,000	0	-100.00%	Transferred to Expense per Twn Acct.
	Employee Total	61,146	62,637	2.44%	

Operational Staff		Current Annum	FY 2018 Proposed	% Change	Comments/Notes
Name: James Blanchard	Salary & Wages - Base	50,821	51,887	2.10%	
Position: Water Technician	Add'l Gross - Overtime	3,000	3,300	10.00%	
Hrs/Wk: 40 Rate: Hourly	Add'l Gross - Reg. & Hol. On call	6,000	4,650	-22.50%	17.4 weeks and, 4 holidays on call
Current: 23.41	Add'l Gross - Longevity	800	800	0.00%	
Proposed: 24.85	Other Stipend-Working during snowstorms		1,000		
	Other Stipend-Possessing Licenses	500	500		
Per Collective Bargaining Agrmt.	Other - Clothing Allow.	1,000	0	-100.00%	Transferred to Expense per Twn Acct.
	Employee Total	62,121	62,137	0.03%	

Operational Staff		Current Annum	FY 2018 Proposed	% Change	Comments/Notes
Name:	Salary & Wages - Base	50,821	51,887	2.10%	
Position: Water Technician Trainee	Add'l Gross - Overtime	3,000	3,300	10.00%	
Hrs/Wk: 40 Rate: Hourly	Add'l Gross - Reg. & Hol. On call	0	0	#DIV/0!	
Current:	Add'l Gross - Longevity	0	0	#DIV/0!	
Proposed: 24.85	Other Stipend-Working during snowstorms		1,000	#DIV/0!	
	Other Stipend-Possessing Licenses	0	0	#DIV/0!	
Per Collective Bargaining Agrmt.	Other - Clothing Allow.	1,000	0	-100.00%	Transferred to Expense per Twn Acct.
	Employee Total	54,821	56,187	2.49%	

Labor Worksheet

Department Name	Acct. Number	Fiscal Year
Water	061	2018

Office Staff		Current Annum	FY 2018 Proposed	% Change	Comments/Notes
Name: Brenda Boudreau	Salary & Wages - Base	40,241	41,071	2.06%	
Position: Office Administrator	Add'l Gross - Overtime	1,500	3,300	120.00%	Increased due to workload.
Hrs/Wk: 40 Rate: Hourly	Add'l Gross - Shift Diff'l				
Current: 18.72	Add'l Gross - Longevity	1,100	1,100	0.00%	Will be at 15 yrs. Continued service
Proposed: 19.67	Other Stipend-Working during snowstorms		1,000		
	Other - Certification				
Per Collective Bargaining Agrmt.	Other - Clothing Allow.	1,000	0		
	Employee Total	43,841	46,471	6.00%	

Office Staff		Current Annum	FY 2018 Proposed	% Change	Comments/Notes
Name:	Salary & Wages - Base	13,114	16,903	28.89%	Part time Employee at 20 hrs./week
Position: Temporary Billing Clerk	Add'l Gross - Overtime			0.00%	
Hrs/Wk: 20 Rate: Hourly	Add'l Gross - Shift Diff'l			0.00%	
Current:	Add'l Gross - Longevity			0.00%	
Grade T-2/Level 2	Other - Stipend			0.00%	
Proposed: 16.19	Other - Certification			0.00%	
Grade T-3/Level 1	Other - Clothing Allow.			0.00%	
	Employee Total	13,114	16,903	0.00%	

Operational/Office Staff		Current Annum	FY 2018 Proposed	% Change	Comments/Notes
Name:	Salary & Wages - Base	1	0	-100.00%	
Position: Extra Help	Add'l Gross - Overtime				
Hrs/Wk: Rate/Hr: 6.50	Add'l Gross - Shift Diff'l				
Proposed:	Add'l Gross - Longevity				
	Other - Stipend				
	Other - Certification				
	Other - Uniform Allow.				
	Employee Total	0	0	#DIV/0!	

Labor Worksheet

Department Name	Acct. Number	Fiscal Year
Water	061	2018

Board of Water Commission Staff		FY2017 Approp.	FY 2018 Proposed	% Change	Comments/Notes
Name: Mike MacEachern	Salary & Wages - Base				
	Add'l Gross - Overtime				
	Add'l Gross - Shift Diff'l				
	Add'l Gross - Longevity				
	Other - Stipend	1	1	0.00%	
	Other - Certification				
	Other - Uniform Allow.				
	Employee Total	1	1	0.00%	

Board of Water Commission Staff		FY2017 Approp.	FY 2018 Proposed	% Change	Comments/Notes
Name: Nathan Mattila	Salary & Wages - Base				
	Add'l Gross - Overtime				
	Add'l Gross - Shift Diff'l				
	Add'l Gross - Longevity				
	Other - Stipend	1	1	0.00%	
	Other - Certification				
	Other - Uniform Allow.				
	Employee Total	1	1	0.00%	

Board of Water Commission Staff		FY2017 Approp.	FY 2018 Proposed	% Change	Comments/Notes
Name: Lance Lewand	Salary & Wages - Base				
	Add'l Gross - Overtime				
	Add'l Gross - Shift Diff'l				
	Add'l Gross - Longevity				
	Other - Stipend	1	1	0.00%	
	Other - Certification				
	Other - Uniform Allow.				
	Employee Total	1	1	0.00%	

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TOWNSEND WATER DEPARTMENT

540 Main Street West Townsend, Massachusetts 01474

Michael MacEachern, Chairman

Nathan Mattila, Vice Chairman

Lance Lewand, Clerk

Paul L. Rafuse,
Water Superintendent

(978) 597-2212
Fax (978) 597-5611

NO. 17-8

2/28/2017

SCHEDULE OF BILLS RECEIVABLE

To the Accountant:
Treasurer:

The following bills, amounting in the aggregate to

TWO THOUSAND SEVEN HUNDRED THIRTY-SIX AND 12/100***** Dollars

are herewith committed for collection.

<u>DATE</u>	<u>USER CHARGES</u>	<u>SERVICE CHARGES</u>	<u>CONN CHARGES</u>	<u>BACK FLOW</u>	<u>LATE CHARGES</u>	<u>TOTAL</u>
02/28/17	310.50	352.93	0.00	0.00	2,072.69	\$ 2,736.12

BOARD OF WATER COMMISSIONERS

Michael MacEachern, Chairman

Nathan Mattila, Vice-Chairman

Lance Lewand, Clerk