



TOWN COUNCIL – AGENDA REQUEST FORM

THIS FORM WILL BECOME PART OF THE BACKGROUND INFORMATION USED BY THE COUNCIL AND PUBLIC

Please submit Agenda Request Form, **including back up information, 8 days prior** to the requested meeting date. **Public Hearing requests must be submitted 20 days prior to requested meeting date to meet publication deadlines** (exceptions may be authorized by the Town Manager, Chairman/Vice Chair).

MEETING INFORMATION

Date Submitted: April 30, 2019
Submitted by: Finance Director Paul T. Micali
Department: Finance

Date of Meeting: May 9, 2019

Time Required: 15 minutes

Speakers:

Background Info. Supplied: Yes: No:

CATEGORY OF BUSINESS (PLEASE PLACE AN "X" IN THE APPROPRIATE BOX)

Appointment:	<input type="checkbox"/>	Recognition/Resignation/Retirement:	<input type="checkbox"/>
Public Hearing:	<input type="checkbox"/>	Old Business:	<input type="checkbox"/>
New Business:	<input checked="" type="checkbox"/>	Consent Agenda:	<input type="checkbox"/>
Nonpublic:	<input type="checkbox"/>	Other:	<input type="checkbox"/>

TITLE OF ITEM

Wastewater Treatment Facility LED Lighting Upgrade

DESCRIPTION OF ITEM

The Town Council to review and consider the recommended options to move forward with the Wastewater Treatment Facility's lighting upgrade/retrofit project budgeted for \$48,000 in the 18-19 budget.

REFERENCE (IF KNOWN)

RSA:	Warrant Article:	_____
Charter Article:	Town Meeting:	_____
Other:	N/A	

EQUIPMENT REQUIRED (PLEASE PLACE AN "X" IN THE APPROPRIATE BOX)

Projector:	<input type="checkbox"/>	Grant Requirements:	<input type="checkbox"/>
Easel:	<input type="checkbox"/>	Joint Meeting:	<input type="checkbox"/>
Special Seating:	<input type="checkbox"/>	Other:	<input type="checkbox"/>
Laptop:	<input type="checkbox"/>	None:	<input type="checkbox"/>

CONTACT INFORMATION

Name:	Paul T. Micali	Address	8 Baboosic Lake Road
Phone Number	424-7075	Email Address	pmicali@merrimacknh.gov

APPROVAL

Town Manager:	Yes <input type="checkbox"/>	No: <input type="checkbox"/>	Chair/Vice Chair:	Yes <input checked="" type="checkbox"/>	No: <input type="checkbox"/>
---------------	------------------------------	------------------------------	-------------------	---	------------------------------

Memo



TO: Town Council
ATTN: Town Manager Eileen Cabanel
FROM: Finance Director Paul T. Micali
DATE: May 1, 2019

RE: WWTF Lighting Upgrade

The WWTF has budgeted \$48,000 for a lighting upgrade/retrofit project in the 18-19 budget. We had Eversource come in and do a lighting audit for the project. They brought in a consultant /engineer who has completed the audit. We have about 325 fixtures that would have to be replaced/retrofitted in the Headworks building including all process areas, incinerator building, offices, sludge garage, bathrooms, lab, offices, and chlorine building. The total cost of the project is about \$69,000. Eversource is giving great incentives for projects like this. They estimate that the project would have an incentive of about \$17,000, thus bringing down the cost to just over \$52,000. WWTF has savings in the electrical line item as well as some salary savings to cover the \$4,000 difference. The project is projecting estimated kilowatt saving per year is 195,982 KWH resulting in about \$14,000 annual savings which includes the delivery charge. The pay back is roughly about 3.7 years. So in my opinion the project is well worth it.

In addition, we have talked to Eversource about contractors they would approve to do the job of this size. We have a couple of options:

- Hire an electrician and the WWTF would be the clerk of works
- Hire an electrician and a clerk of works (longer payback period)
- Hire a full service contractor who would oversee the work of an electrician

With that being said, I would recommend that we go with the full service contractor since we do not have the staffing at the WWTF to dedicate to a project of this size with the number of fixtures being worked on. Eversource gave us a name of such a contractor. Kyle, Sarita and I met with the contractor to see if this was something that would be beneficial to the Town. The contractor we met with gave the three of us the confidence to go forward with him as well as they know what Eversource is looking for to maximize the rebate. This would be most beneficial to the Town for a couple of reasons. They are well versed in the LED electrical needs and the most efficient products on the market to complete the job in a timely manner as well as knowing what Eversource would give for rebates (most bang for the buck). In addition, it would allow staff to conduct their normal day to day operations. Also we would have one contact if there is a problem down the road with the lights. There would be no finger pointing between the supplier and the installer.

In addition, we were told by Eversource they have money for these types of LED retrofit projects. We are starting to look at all Town buildings and seeing if the Town has any other projects that could benefit and that would provide a good return on the initial investment.