

**TOWN OF PLYMOUTH CAPITAL IMPROVEMENT PLAN REQUEST
FY26 SPRING ANNUAL TOWN MEETING**

Department: Plymouth Public Schools	Priority #: 17
Project Title and Description: Administration Building Generator Replacement	Total Project Cost: \$110,000.00

Department/Division Head: School Facilities - Matt Durkee

Check if project is: New Resubmitted Cost estimate was developed: Internally Externally

For project re-submittals, list prior year(s):

List any funding sources and amounts already granted:

Basis of Estimated Costs (attach additional information if available)			If project has impact on 5 Year Plan and future operating budgets, insert estimated amounts.		
Capital:	Cost	Comments	Fiscal Year:	Capital	Operations & Maintenance
<i>Planning and Design</i>			<i>FY23</i>		
<i>Labor and Materials</i>	\$100,000		<i>FY24</i>		
<i>Administration</i>			<i>FY25</i>		
<i>Land Acquisition</i>			<i>FY26</i>		
<i>Equipment</i>			<i>FY27</i>		
<i>Other</i>					
<i>Contingency</i>	\$10,000.00				
Total Capital	\$110,000.00				

Project Justification and Objective: The Administration Building emergency generator needs to be replaced with a new 150KW Class generator with 24 hour tank

For Capital Project Requests:

Will this project be phased over more than one fiscal year? If yes, enter it on the 5 Year Plan

Can this project be phased over more than one fiscal year?

Yes No
Yes No

For Capital Equipment Requests:

Check if equipment requested is replacement and enter the year, make & model, VIN and present condition of existing equipment

Kohler 150 Generator

What is the expected lifespan of this new/replacement equipment: 30+

Attach backup information, estimates, or justification to support this request.

Quick overview for equipment and Scope of Work:

- Remove existing generator and remediate fuel for disposal
- Place new 150KW Class generator with 24-hour tank
 - Tank rating is an NFPA classification and your actual runtime would be 72+ hours
- NFPA 110-7 commissioning startup including load bank
- System has 2 – 400 amp Automatic Transfer Switches (ATS)
 - One is a currently supported ASCO ATS and there is no benefit in replacement
 - Second one is a +/- 40-year-old Westinghouse (labeled Superior) and is at end of serviceable life and needs to be replaced for reliability

\$80K for generator only and a \$20K adder for replacement of just the Westinghouse ATS for a budgeted total of \$100K

Of note:

- Does not include fuel and would be quoted at time of delivery
 - Estimated by today's cost would be in the range of \$1500 with delivery
- Equipment and materials cost have been volatile, and you may want to add an extra 20%/25% when seeking capital for next year
- Mass DEP has mandates for exhaust stacks, technically the engine classification on the proposed generator does not trigger the need for an engineered stack above the building roof line
 - We are providing for a 10' stack above the generator with a 90-degree turnout pointed away from the building
 - Replicating what is existing today, just 10' higher
 - If requested, we can provide cost on a system to extend the stack above the roof line
 - Estimated +/- \$30K

Best regards,

Steven W. Belcher
Special Accounts Project Manager
UL Standard 6200 Technical Panel
EGSA & NFPA Member

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From: Steve Belcher
Sent: Wednesday, October 18, 2023 10:26 AM
To: kmalaguti@plymouth.k12.ma.us
Cc: Tracy Daniel <TDaniel@fmgenerator.com>; Sandy Kutasz-Johnson <skutasz-johnson@fmgenerator.com>; CommercialSales <commercialsales@fmgenerator.com>
Subject: FM Generator RE: SALES QUOTE NEEDED ASAP Plymouth Public Schools @ 11 Lincoln St Generator

Keith,

I can be out later today to look at this replacement. Is there and on-site contact? I would like to look at the ATS and see if it needs to be part of the capital project – Steve

Regards,

Steven W. Belcher
Special Accounts Project Manager
UL Standard 6200 Technical Panel
EGSA & NFPA Member

FM Generator – Canton MA