

Mailing address: 469 US Route 1, York Maine, 03909
Telephone (207) 363-3403 Fax (207) 362-5602
York School Department

Appendix A

Lighting Upgrades for the York School Department

Proposals are requested for an electrical project to upgrade the lighting system to high performance LED lighting.

All proposals should describe in detail each of the following:

1. The full extent and scope of the proposed project as it relates to the fixtures identified on Appendix B.
 - Interior fixtures shall be:
 - Fully dimmable LED lamps and driver
 - 35,000 rated hours or greater
 - 3,500K Color
 - Match existing lumens +/- 10%
 - Exterior fixtures shall be:
 - 35,000 rated hours or greater
 - 4,000K Color
 - Match existing lumens +/- 10%
2. Applicants must submit appropriate written evidence of their experience and/or qualifications for their particular proposal. Three (3) written references attesting to the experience and/or qualification of the applicants to accomplish their intended project goals are also desired.
3. Plans for maintenance and upkeep, as well as protection of the project area, both during the project and upon completion.
4. Ability to comply with all Federal, State, and local laws, rules, and ordinances.
5. The York School Department has set a time frame of **June 2022 to August 20, 2023** for

completion of this project. Vendor may work “after hours” throughout, and during the school year in areas that do not disrupt the programming of the schools

6. Applicants must agree in their employment practices and provisions of services to the public not to discriminate on the basis of race, religion, creed, color, age, sex, physical or mental handicap, or national origin.
7. All responses to the aforementioned proposal requirements will be considered individually and as a whole, and the York School Department will make a decision that it determines is in its best interest. The York School Department reserves the right to select or reject any or all proposals, and may negotiate a final agreement with the successful applicant.
8. All applicants will demonstrate knowledge of applicable State, and Federal grants and awards for lighting and energy projects.
9. Each proposal shall indicate that the applicant has visited the sites and is aware of existing conditions at the site. A pre-application site visit will be held on **Tuesday April 19, 2022 at 9:00am –** Starting at the York School Department Office
 - York School Department Office, 469 US Route 1, York Maine, 03909
 - Village Elementary, 124 York Street, York Maine, 03909
 - Coastal Ridge Elementary, 1 Coastal Ridge Dr., York Maine, 03909
 - York Middle School, 30 Organug Rd., York Maine, 03909
 - York High School, 1 Robert Stevens Dr., York Maine, 03909
10. Applicants’ attendance at the site visit is highly encouraged and failure to attend may be the basis for rejection of the application. Applicants unable to attend the site visit should contact Chris Rynne, Building and Grounds Manager at (207) 363-3403, in advance to request an alternate time for a site visit.

Applicable Buildings:

York High School, York Middle School, Village Elementary School, Coastal Ridge Elementary School, Superintendent’s Building

Scope of Work:

The following is a summary of the upgrades by building. Detailed scope of work is set forth in the Lighting Line-by-Lines attached hereto and incorporated herein by reference as Appendix B:

York High School:

1,227 existing lighting fixtures in the building will be retrofit or replaced as follows:

- 1,052 fixtures have straight fluorescent tubes. These fixtures will be retrofitted with LED drivers and tubes.

- 84 U-tubes will be eliminated from the school and replaced with an LED kit. This will eliminate the need to stock U tubes.
- 14 of the fluorescent fixtures listed above will have emergency drivers replaced also. These fixtures will have double end power as single end is not an option with the emergency driver.
- 43 existing recessed cans will be retrofit with a screw-in LED lamp if screw-in presently exists or will otherwise be retrofit with an LED module kit.
- 26 – 4 lamp T5 fluorescent high-bay fixtures in the gym will be replaced with new Energy efficient LED fixtures. Each gym fixture will have a motion detector on the fixture that will control the fixture OFF when no occupancy is detected.
- 15 screw-in compact fluorescent lamps will be replaced with LED screw-ins.
- 7 exterior wall-pack and canopy fixtures will be replaced with new LED fixtures.
- 8 ceiling motion sensors and 3 wall motion sensors will be provided.
- 1 bathroom fan unit is a ‘no retrofit’ but included for sensor savings.
- 50 existing LED fixtures have been identified as ‘no retrofit’.
- 47 fixtures will be ‘no retrofit’ as they have no hours of operation.

York Middle School:

1,303 existing lighting fixtures in the building will be retrofit or replaced as follows:

- 1,157 fixtures have straight fluorescent tubes. These fixtures will be retrofitted with new LED drivers and tubes.
- 4 U-tubes will be eliminated from the school and replaced with an LED kit. This will eliminate the need to stock U tubes.
- 37 existing recessed cans will be retrofit with a screw-in LED lamp if screw-in presently exists or will otherwise be retrofit with a LED module kit.
- 20 – 4 lamp T5 fluorescent high-bay fixtures in the gym will be replaced with new Energy efficient LED fixtures. Each gym fixture will have a motion detector on the fixture that will control the fixture OFF when no occupancy is detected.
- 32 existing compact fluorescent and incandescent lamps will be retrofitted with LED screw-ins.
- 53 existing drums will be retrofitted with LED drum kits. 26 of these 53 drums are on the exterior of the building.
- 2 ceiling motion sensors and 4 wall motion sensors will be provided.
- 112 existing LED fixtures have been identified as ‘no retrofit’.
- 30 fixtures will be ‘no retrofit’ as they have no hours of operation.

Village Elementary School:

644 existing lighting fixtures in the building will be retrofit as follows:

- 609 fixtures have straight fluorescent tubes. These fixtures will be retrofitted with new LED drivers and tubes.
- 3 U-tubes will be eliminated from the school and replaced with an LED kit. This will eliminate

the need to stock U tubes.

- 18 of the fluorescent fixtures listed above are in the gym and replaced with new Energy efficient LED fixtures. Each gym fixture will have a motion detector on the fixture that will control the fixture OFF when no occupancy is detected.
- 12 existing recessed cans will be retrofitted with screw-in LED lamps.
- 13 screw-in compact fluorescent and incandescent lamps will be retrofitted with LED screw-ins.
- 3 exterior recessed cans will be retrofitted with a new LED kit.
- 4 drums will be retrofitted with LED kits.
- 20 ceiling motion sensors and 4 wall motion sensors will be provided.
- 24 existing LED fixtures have been identified as 'no retrofit'.

Coastal Ridge Elementary School:

710 existing lighting fixtures in the building will be retrofit or replaced as follows:

- 655 fixtures have straight fluorescent tubes. These fixtures will be retrofitted with LED drivers and tubes.
- 11 U-tubes will be eliminated from the school and replaced with an LED kit. This will eliminate the need to stock U tubes.
- 16 high-bay fixtures in the gym will be replaced with new Energy efficient LED fixtures.
- 23 recessed cans which will be retrofit with a screw-in LED lamp if screw-in presently exists or will otherwise be retrofit with a LED module kit.
- 1 drum will be retrofitted with an LED retrofit kit.
- 4 exterior fixtures will be retrofitted with screw-in lamps.
- 20 ceiling motion sensors and 7 wall motion sensors will be provided.
- 1 Freezer light will be a 'no retrofit' since this was just upgraded by the school department.
- Coastal Ridge Elementary has no existing LED fixtures.

Superintendent's Building:

99 existing lighting fixtures in the building will be retrofit or replaced as follows:

- 6 recessed cans will receive a par 38 LED screw-in retrofit.
- 87 fluorescent fixtures will be retrofitted with LED drivers and tubes.
- 1 U-tube fixture will be eliminated from the school and replaced with an LED kit. This will eliminate the need to stock U tubes.
- 1 exterior wall-pack will be replaced with a new energy efficient LED wall-pack.
- 4 exterior par lamps will be replaced with a new LED screw-in lamp.
- 3 ceiling motion sensors and 6 wall motion sensors will be provided.
- 1 'no retrofit' fixture exists in the custodial closet as it has no hours of operation.

Rebates and Incentives:

The vendor will complete required documentation for York School Department applications for applicable state, and federal grants and awards for lighting and energy projects.