

**Milford Public Library
Project Scope Outline Summary
2020**

- Project coordination & Supervision
- Project Operations Costs & General Requirements
- Associated Demolition & Temp. Protection
- Misc. Roof Repairs as required for Mechanical and Electrical scope
- Interior Finishes Repairs Related to Mechanical & Electrical Upgrades Includes Drywall, Painting & Ceilings
- HVAC
 - Demolition of the existing chilled water system and associate airside equipment
 - New state of the art Variable Refrigerant (VRF) system to provide simultaneous heating and cooling
 - Twenty-six (26) zones of thermostatic control that will provide higher levels of occupant comfort and reduced operational costs
 - Energy Recovery Ventilator (ERV) systems to provide controlled ventilation air to improve indoor air quality (IAQ)
 - Existing boiler plant to have minor upgrades to improve operational efficiency and provide supplemental perimeter heat
- Electrical
 - Electrical Service and Distribution
 - Upgrade the existing service to a 600A in lieu of the existing 400A, replace the existing Federal Pacific panel with a new panel. All other panels will remain “as-is”.
 - Lighting
 - Provide and install new LED lighting
 - Rework the existing switching to accommodate the new layout, add additional light switched where needed.
 - Replace the existing emergency battery units and exit signs with new, provide additional devices as required to meet code standards. Remove the old-style emergency lights
 - Lighting Controls
 - Provide new energy efficient lighting controls of which consist of wall and ceiling occupancy sensors
 - Lighting for Site
 - Provide (1) Wall Pack replacement
 - Provide (7) Site pole replacements with new LED heads and poles in the same locations as the existing. Bases to remain
 - HVAC Electrical Work
 - Provide power for the mechanical equipment proposed by subcontractor