



GGD Consulting Engineers, Inc.
 375 Faunce Corner Road, Suite D
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PROJECT: Gleason Public Library

JOB NO: 163 001 04

Gleason Public Library HVAC Equipment and Building Management System (BMS) Upgrade - 50%CD Cost Estimate

CLIENT: Town of Carlisle

DATE: 1/28/2025 BY: BDM/DP

| ITEM OF WORK | NO. | UNIT PRICE | AREA | PRICE/S.F. | TOTAL |
|--|-----|------------|--------|------------|----------------------|
| HVAC | | | | | |
| Demolition of existing fan coil units and existing base mounted pumps | | | 12,400 | 1.20 | \$ 14,880.00 |
| New Dual Temperature Fan Coils | 42 | \$2,800 | | | \$ 117,600.00 |
| New FCU Piping connections: Branch dual temp piping with insulation and condensate piping connections | 42 | \$1,200 | | | \$ 50,400.00 |
| New FCU isolation valves and trim | 84 | \$480 | | | \$ 40,320.00 |
| New base mounted end suction pumps with valving and trim | 2 | \$16,400 | | | \$ 32,800.00 |
| Automatic Temperature Controls (ATC) & Building Management System (BMS) for Existing and New HVAC Equipment - Wiring | 1 | | 12,400 | \$2.50 | \$ 31,000.00 |
| ATC/BMS Front End Controller | 1 | \$10,000 | | | \$ 10,000.00 |
| ATC - Fan Coils | 42 | \$2,000 | | | \$ 84,000.00 |
| ATC - Pumps | 2 | \$2,000 | | | \$ 4,000.00 |
| ATC - Integrate existing Boiler And Chiller Plants | 1 | \$20,000 | | | \$ 20,000.00 |
| ATC - Integrate existing RTU into new ATC/BMS | 1 | \$8,000 | | | \$ 8,000.00 |
| ATC - Integrate Misc. Existing HVAC Equipment | 1 | \$5,000 | | | \$ 5,000.00 |
| Testing and Balancing | | | 12,400 | \$0.85 | \$ 10,540.00 |
| Misc. HVAC/ATC Allowance - Replace existing EF's, Cabinet Uhs, etc. (Allowance) | | | | | \$ 20,000.00 |
| HVAC & ATC Subtotal | | | | | \$ 448,540.00 |
| Electrical | | | | | |
| Electrical Disconnect of existing Fan Coil Units and Reconnect and extended electrical to new FCUs | 42 | \$750 | | | \$ 31,500.00 |
| Disconnect Existing Electrical Base Mounted pumps and associated motor starters and Reconnect Existing Wiring to New Variable Frequency Drives for new Pumps | 2 | \$3,800 | | | \$ 7,600.00 |
| Electrical General Conditions | | | | | \$ 9,775.00 |
| Electrical Sub Total | | | | | \$ 48,875.00 |
| HVAC, ATC & Electrical Trade Cost, Sub Total | | | | | \$ 497,415.00 |
| General Conditions: Including Bond, Overhead and Profit, Mobilization, Site Conditions, Project Management, Shop drawings, As Builts, O&Ms | 30% | | | | \$ 149,224.50 |
| TOTAL | | | | | \$ 646,639.50 |
| TOTAL, COST/SF | | | | | \$ 52.15 |

Notes:

1. Cost estimates have been derived from recent similar type projects and includes fluctuation on pricing due to current market conditions.
2. Cost estimates do not include associated architectural enclosure renovation or general conditions costs.
3. Demolition Costs for HVAC and Electrical scope indicated in the cost estimate. Any Architectural costs for required equipment removal or replacement would be additional cost
4. Cost estimates do not include: Escalation, Contingency, of Soft Costs (i.e. Commissioning, Owner's PM, Design Costs)