CASE STUDY:
SACO CENTRAL FIRE STATION

Challenge
The City of Saco and members of the Fire Department were proud of the historic Saco Central Fire Station built in 1938 and had done everything possible to extend its useful life. The issues they faced included inadequate parking space, no room for expansion on bay doors, inadequate bathroom facilities, hazardous materials issues in work and living spaces, and lack of electrical and technology infrastructure required for today's fire services. The City of Saco needed to obtain public support of a bond for the new Central Fire Station.

Solution
PC Construction provided the City of Saco with a detailed Schematic Estimate Report for the preliminary design of the new central fire station and anticipated construction cost based on current market conditions. The City of Saco used the information from this report, as well as a three-dimensional model of the new building provided by PC Construction to inform voters about the project prior to the public referendum.

Results
PC Construction worked closely with the City of Saco and the Saco Fire Department during the pre-construction phase. Working together all parties were able to clearly communicate the need and benefits of a new fire station. This resulted in the citizens of Saco voting in favor of the new Central Fire Station by a margin of 6:1. The new Central Fire Station incorporated a geothermal heating/cooling system, solar domestic hot water system, and regionally produced building materials to reduce annual maintenance costs and provide a long-term durable facility. Through rigorous value analysis and costing exercises, the final construction cost budget was five percent less than the initial budget established during the Schematic Design Phase of the project.