



PROJECT HIGHLIGHT

EDUCATION

Trumbull Public Schools • Trumbull, Connecticut



Expedited Project Delivery Helps District Meet Tight Time Frame



CHALLENGE

Stephen Kennedy, plant administrator for Trumbull Public Schools, was concerned that the asphalt built-up roof (BUR) over one of the middle school classroom buildings at Madison Elementary needed some major repairs. The roof was at least 25 years old and water had begun penetrating the building at wall sections and other flat areas. Kennedy, in hopes of validating his concerns, contacted local Garland representative, Steve Botelho, to conduct an analysis of the 8,000-square-foot building. Based on his inspection and an infrared scan that revealed areas of wet insulation, Botelho confirmed that the roof needed some repairs. He recommended that the upper portion, which had large amounts of wet insulation, be replaced, and suggested the lower roof portion be restored. The district wanted the project completed before the start of the new school year, but by the time the budget was approved in late summer, only a few weeks remained until students would return.



SOLUTION

Aware of the district's desire to expedite the project, Botelho recommended they take advantage of the U.S. Communities Government Purchasing Alliance™ (U.S. Communities™) contract for roofing materials and related services. The contract, currently held by Garland/DBS, Inc., was competitively bid nationwide by a lead public agency member of U.S. Communities, in keeping with the national and regional requirements of other agency participants. Purchasing cooperatives such as U.S. Communities allow public agencies to pool their purchasing power through nationally solicited contracts, thereby eliminating the time and costs associated with project-specific bids. The program's streamlined process along with pre-negotiated pricing allowed Botelho to provide the district a budget proposal within three days of the request to do so.



"The ability to provide a turnkey solution while streamlining the process made U.S. Communities a perfect solution for this project," Botelho explains.

Based on the amount of wet insulation on the upper roof, Botelho recommended it be replaced and topped with Garland's two-ply StressPly® Plus high-strength, dual reinforced, SBS modified bitumen membrane. The roof was removed down to the deck and new insulation was installed. The 2,300-square-foot roof section was coated with asphalt and gravel was then embedded to provide further waterproofing protection. All exposed flashings and mechanical units were coated with Garland's Garla-Brite® asphalt-based, aluminum roof paint. On the lower roof portion, the flashings were replaced with StressPly Plus modified bitumen membranes, and then painted with a reflective coating. The restoration will provide at least an additional 10 years of service life.



Botelho coordinated the job with Quality Improvements LLC, a Connecticut-based roofing contractor, to ensure the project was completed prior to the start of school. Kennedy was impressed with the level of workmanship and attention to detail Quality Improvements provided throughout the entire project. "They did a really phenomenal job. This is not a huge roof, but they had 20 guys up on the roof to make sure they completed it in time," Kennedy reports.

Kennedy, who was using U.S. Communities for the first time, liked the speedy turnaround and turnkey option, both of which allowed the district to complete the project in time. He also attributed the success of the project to Steve Botelho's diligent supervision and daily involvement. "Steve Botelho's daily progress reports were almost ridiculous in their amount of detail. Not everybody has that same attention to detail, and that says something," Kennedy explains.

Steve Botelho
(203) 448-9310
sbotelho@garlandind.com

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