



PROJECT PROFILE

UH/General Services Building

Houston, Texas

Client:

University of Houston
4200 Elgin
Houston, Texas 77030

Approximate Construction Cost:

\$4,509,382

Completion Date:

July 2022

Services Provided:

Assessment, Design, CA, QAI

PCI Project Manager:

Karl Schaack

Contractor:

JR Jones Roofing, Houston, Texas



University of Houston employed the services of Price Consulting, Inc. (PCI) to provide design services for roof replacement of the General Services Building on the campus of UH. PCI's services included Roof Condition Assessment, Construction Documents/Design, Construction Administration, and Quality Assurance Inspections during construction.

The facility is a two-story structure comprised of office/administrative spaces and a large warehouse/shop space constructed in 1970 consisting of steel framing; stucco, masonry, and metal panel siding exterior wall finishes; and aluminum-framed windows. The roof construction on the warehouse consisted of steel framing, Z-purlins, vinyl-faced fiberglass blanket insulation, a metal roof panel covering, polyurethane spray-foam applied over the metal panels, and a secondary metal panel covering installed over a steel sub-girt system that encompasses a plan area of approximately 124,000 square feet.

On the metal roof area, the scope of work included removal of existing materials down to the steel framing; installation of a metal liner panel, rigid insulation board, underlayment, and a standing seam metal panel roof system with continuous length panels from ridge to eave. The scope of work in the low-sloped roof included removing roofing material down to lightweight insulating concrete substrate; installation of polyisocyanurate insulation board, cover board, and new 2-ply modified bitumen roof membrane system.