MD ANDERSON PROTON THERAPY
HOUSTON, TEXAS

ELECTRICAL CONSTRUCTION CASE STUDY

THE UNIVERSITY OF TEXAS
MD Anderson
~~Cancer~~ Center®

Owner
MD Anderson

Contract Type
Electrical Construction

Contract Amount
$6,680,000

General Contractor
Gilbane Building Company

Electrical Contractor
FSG Electric

Engineering Firm
Bard, Rao + Anthanas
Consulting Engineers

Architect
Stantec Architecture

Challenge
The University of Texas MD Anderson Cancer Center is a comprehensive cancer center in Houston, Texas. Located at the Texas Medical Center, MD Anderson is the largest cancer center in the United States. In 2019, MD Anderson unveiled plans to expand its Proton Therapy Center, more than doubling the center's size to over 160,000 square feet – almost the size of three football fields – allowing more patients greater access to the world's most advanced and precise form of radiation therapy. For this important and highly technical project, MD Anderson needed to partner with contractors that could match its sense of urgency, rise to the required level of technical proficiency, and seamlessly integrate their services into a technical design that will result in the finest facility of its kind in the world.

Solution
FSG Houston's electrical construction team brought a specialized skill set to the table to make it a perfect match for MD Anderson and its General Contractor, Gilbane. With a long and impressive history of completed healthcare-related projects, FSG brought a clear understanding of the exacting standards and technical requirements involved in hospital infrastructure projects. For this project, Hitachi served as the "Technology General Contractor" and FSG was tasked with executing Hitachi's precise electrical design within the expanded proton therapy center. With no margin for error, experience and expertise were the primary deliverables for FSG. Elsewhere, on the exterior of the new facility building, FSG took the lead in coordinating with the local energy company provider to ensure the proper connections of electrical service to the new center were completed as required.

FSG