

Coronavirus Response Services

AECOM can help protect and care for New York through the decontamination of existing facilities, development of quarantine facilities, conversion of existing and unused space into triage and treatment areas, design of research and testing labs, program and construction management, and Federal grant application and compliance services.

Healthcare Facility Adaptation

- Working with federal, state, city, and corporate clients on a variety of response scopes, including design and construction of Alternative Care Facilities (ACFs)
- Deployment within 24 hours
- Mobilization and layout of trauma tent facilities
- Conversion of existing structures and spaces, such as stadiums and gymnasiums, to temporarily house and care for patients
- Renovation and retrofit of existing facilities, such as dormitories and hotels, to adhere to medical requirements
- Existing medical facilities, such as permanent, long-term ICU isolation nursing units or specially designed and built single disease facilities like older tuberculosis hospitals.

Cleaning and Disinfection of Contaminated Facilities

- Establish guidelines and procedures to protect employees, the community (facility or site users), and disinfection personnel so locations can continue to operate safely, re-open after shutdowns or decontamination events, or remain open under restricted use.
- Prepare pandemic plans to provide specific information to be used if contamination is suspected within a building or site
- Environmental controls
- Recommendation of decontamination chemicals and protocols
- PPE/HVAC/filtration system protocols
- Equipment decontamination and material disposal
- Personal protective equipment (PPE) guidance

Additional Disaster Resilience Services

AECOM offers services to support you throughout the disaster lifecycle, from planning and preparedness to response and recovery.

- Program and project management
- Staff augmentation
- GIS and data analysis
- Emergency operations center support
- Call center establishment and management
- Grant funding applications and compliance
- Construction management

Coronavirus Response Experience



Left: SUNY Old Westbury site, Long Island, under construction

Right: Coler Hospital, third floor patient rooms

USACE New York District, SUNY Old Westbury, Alternative Care Facility, Westbury, NY

AECOM is currently retrofitting the SUNY College, Old Westbury Site into a 1,000 Bed Alternative Care Facility (ACF) serving non-COVID and COVID Non-Acute and Acute patients for USACE New York District. Scope includes the planning, design and construction of exterior medical units, tents, and interior modular medical units within the facility. AECOM mobilized at the site over the weekend and will have construction completed within 21 days of mobilization.

New York City Health and Hospitals, Hospital Bed Expansion projects, Coler Hospital and North Central Bronx Hospital, NY

This project entails returning 395 beds to service after being vacated for several years at Coler Hospital on Roosevelt Island, and creating 120 new ICU beds and office space at North Central Bronx (NCB) Hospital. AECOM acted as the liaison coordinating between H+H, NYCHRO, Hospital Facilities, Designer, Construction Administrator, Construction Manager and the General Contractor for the fit-out of the spaces. AECOM has inventoried and cataloged existing FFE and Equipment for use in the facilities, is sourcing additional FFE and medical equipment to complete fit-out of the facilities and assisting in expediting procurement. In addition to the new hospital beds, AECOM facilitated and assisted in existing hospital staff office moves from floors that are designated to be repurposed as the ICU in NCB.

NYC Health + Hospitals and NYC Emergency Management, Brooklyn Cruise Terminal Medical Shelter and Billie Jean National Tennis Center Medical Shelter, NY

AECOM is providing construction management and grant management services for the implementation of a COVID Positive, Medium to High Acuity for 750 patient beds capable of handling Medium to High Acuity patients at the Brooklyn Cruise Terminal and 350-person medical shelter located at Billie Jean National Tennis Center. AECOM is providing the supervision, management, coordination, administration, grant management, scope confirmation and confirmation the required work is properly executed, completed in a timely fashion in accordance with good construction practice, and is in compliance with FEMA's grant requirements.

State of Rhode Island, Rhode Island Convention Center and Citizen's Bank Operations Center ACFs, Providence, RI

AECOM is providing assessment, design, and PM/CM of three ACFs for Rhode Island with for rapid stand up of all facilities in 21 days. We are developing facility build-out reports for adaptation of existing architectural, HVAC, plumbing, and electrical systems for conversion to ACFs, totaling 1,000 beds. This involves coordination with the state, RI National Guard, and two healthcare providers to plan for adequate standards to reduce risk of transmission to the public, staff, and patients. Efforts require an integrated team of Planners, Architects, Engineers, and Construction Managers. We provided early procurement of hospital beds and critical equipment.

Miami Dade College (MDC), Medical Campus Coronavirus Disinfection, FL

AECOM provided contractor oversight on disinfection in the four main facilities, totaling 850,000 SF. Our team was onsite within 48 hours of award and completed disinfection within 24 hours. AECOM provided recommendations to modify the disinfection protocol and observed chemical dilution practices to document that the chemical was used at the specified concentration. Our team also provided oversight of disinfection activities to observe work methods and document completion of work in each area.

Alternate Care Facility Retrofit and Infection Controls, Confidential City Agency

AECOM is providing the retrofit of a large event space into an Alternate Care Site (ACS) to serve Non-acute, COVID-19 patients. This Alternate Care Site will help meet basic healthcare functions with an emphasis on patient care, infection control, fire protection, and life safety. The ACS will serve as a satellite patient ward supported by a nearby full-service hospital that will provide the logistics, materials and waste management support, nutrition care etc. In addition to the facility retrofitting, AECOM's certified industrial hygienists are advising on topics including containment, waste management, and disinfection practices.

