



Task Area 1:

IT Services for Biomedical Research and Healthcare

Contract: No. HHSN316201200059W

Period of Performance: April 30, 2012 - April 29, 2022

Contract Ceiling: \$20 Billion

IT Services for Biomedical Research and Healthcare

Studies, analyses and technical services supporting information systems and equipment used for Biomedical Research, Health Sciences and Healthcare



The objective of this task area is to support Biomedical Research, Health Sciences and Healthcare by performing studies and analyses and providing operational, technical, and maintenance services for the systems, subsystems, and equipment, some of which interface with, and are extensions to, information systems throughout the federal government.



A comprehensive, but not limited, sampling of work to be performed under this task area is shown below:

- Health Sciences Informatics and Computational Services
- Health Communication Support Services and Enhancements to Facilitate Integration and Data Exchange at the Federal, State, and Local Level
- Integration of Health Systems Across Federal Agencies and Public and Private Healthcare Systems
- Modernization and Enhancement of Existing Health IT Legacy Systems
- Automation of Administrative and Clinical Processes
- Biomedical Information Services
- Biomedical Modeling, Visualization, and Simulation
- Biosurveillance and Disease Management Support
- Scientific Computing Services
- IT Clinical Support Services
- Telemedicine (e.g., mobile health/mHealth)
- Healthcare Payment Processes and Fraud and Abuse in Medical Claims
- Health Emergency Preparedness and Response to Include IT Support for Epidemic and Bio-Terrorism Simulations, Emergency Response Training, Exercise Support, etc.
- Security of Healthcare and Biomedical Research Systems
- IT Service Management
- Healthcare Systems Studies
- Natural Language Processing Software and Services (Biology/Medicine Focus)
- Medical Computer-based Training