



# UTILITIES MONITORING AND CONTROL SYSTEMS

Program Manager 256-895-8235

U.S. ARMY CORPS OF ENGINEERS

BUILDING STRONG®

## Background

The Utility Monitoring and Control System (UMCS) Mandatory Center of Expertise (MCX) at Huntsville Center, formerly known as Energy Monitoring and Control Systems (EMCS) was established in response to recurring problems in the design and installation of UMCS projects throughout the Department of Defense. The MCX has maintained a consistent approach to UMCS design, procurement and installation of UMCS projects and has provided technical assistance to all field operating activities, Army major commands and other government agencies.



## Mission

The MCX major functions are:

- To develop and maintain UMCS/EMCS criteria and guidance, such as technical manuals, guide specifications, design courses and specialized criteria for program support;
- To review all designs and procurement packages prepared by Corps districts and divisions;
- To provide technical assistance during design and installation;
- To actively participate in all factory and field tests.



As the MCX, Huntsville Center has provided training for UMCS design to Corps personnel, Architect-Engineer firms, and other government agencies. Huntsville Center has Indefinite Delivery/Indefinite Quantity (IDIQ) contracts for procurement and installation of UMCS, smart meters, fire alarm systems, heating, ventilation and air conditioning (HVAC) systems, Supervisory Controls and Data Acquisition (SCADA) and other automated control systems, as well as A-E contracts for design, survey and other engineering services that are available to support any government agency worldwide.

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