



U.S. Army Corps
of Engineers,
Huntsville Center

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Utility Monitoring and Control System

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 Department of Defense. The MCX has maintained a consistent approach to UMCS design, procurement and installation of UMCS projects 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, A-E firms, and other government agencies. Huntsville Center has ID/IQ contracts for procurement and installation of UMCS and other automated control systems, as well as Architect-Engineer contracts for design, survey, and other engineering services that are available to support any Government agency worldwide.

Information:

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