

## **REGULATORY GUIDANCE – THE ROLE OF DE-CST**

Regulatory Guidance can be obtained from the Defence Estates Construction Support Team on Electrical Systems as detailed in below:

### **1. Electrical systems in support of Aircraft Operations**

- Aeronautical Ground Lighting (AGL)
- AGL control & monitoring systems including the Modular Control System (MCS)
- Apron floodlighting
- Fixed ground power and earthing facilities
- Secondary Power for AGL services
- AGL safe systems & procedures

### **2. Defence needs are satisfied by:**

- Assisting the Client at all stages of the development and implementation of works projects from determining operational requirements to decommissioning.
- Preparing and publishing standards and specifications for the conduct of works, maintenance, inspections and surveys.
- Providing help and assistance.

### **3. Projects**

- Assisting the Client in determining operational requirements for new works and refurbishment of existing electrical systems.
- Management of Option Studies
- Preparation of Strategic Briefs
- Professional technology support to the IPT's and Project Sponsors during the project lifecycle.
- Evaluation of solutions including value Engineering and Value management
- Protection and Grading Surveys
- AGL & MCS maintenance inspections
- Forensic investigation of system failures and/or electrical incidents

### **4. Standards**

- Research and Development
  - Preparation and publication of Design and Maintenance Guides, Specifications, Technical Bulletins and Safety Rules and Procedures.
  - Guidance on the application of commercial standards
  - Participation in the setting of NATO standards and the writing of JSPs
  - Representation in the setting of Industry, British CENELC and IEC standards
  - Evaluation of the technical capability of MOD contractors.
5. Advice and Guidance
- Providing a help desk
  - Guidance on the application of standards

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