

Project management threesixty
RICS
IT in Change Management

Robin Wilkin
Management Process Systems

16th May 2006



“Innovative Solutions for the Construction Industry”



What is change management ?

**Association for Project Management
Body of Knowledge 5th Edition
Glossary of PM Terms**



“Innovative Solutions for the Construction Industry”



Change Management

The formal process through which changes to the project plan are approved and introduced

APM BoK 3.5 - Change Control is a process

Key issues

- **Baseline (project management plan)**
 - Proposed changes**
 - Assess impact of change**
 - Communication of decision**
 - Update plan**
 - Implement**

**A best practice change control process in
the construction industry**

**The NEC suite of contracts
written by project managers
endorsed by OGC & the ODA**

The Engineering & Construction Contract



“Innovative Solutions for the Construction Industry”



ECC change management process

- **Early Warnings**
Quotation for proposed change
Project Managers Instruction
Compensation Event
PM Acceptance
Implementation

The project team need control -

- communication of decisions
- audit trail
- visibility
- quality control of the process
- action requirements
- easy access to information

IT systems on the internet can provide excellent tools to assist project managers and their team members to manage the change process.

**An example is
Contract Change Management (CCM)**

Case Study – EDF Energy on Heathrow T5



T5 High Voltage Sub Project Team



The HVSPT is an integral part of EDF Energy Heathrow



The High Voltage (HV) supply network for Heathrow Airport is owned, operated and maintained by EDF Energy on behalf of BAA HAL.



41 Permanent Substations and 26 Temporary Substations

200Km of Cable



- No T5 ‘model form’ for 2nd Tier Suppliers
- Headline terms – ‘no less favourable’ than EDF Energy’s T5 Agreement with BAA
- ECC form of contract used
 - Equipment – Option E to give maximum flexibility but operated as Option C to ensure cost control
 - Cabling – Option B with a schedule of rates for standard items used to price up a bill of quantities which is re-measured on completion

Contract Change Management

- Internal to the HVSPT
 - CCM used to manage change process between EDF Energy & four 2nd Tier Contractors
 - Early Warnings
 - Project Manager's Instructions
 - Compensation Events
 - Implementations

Contract Change Management system

Demonstration



“Innovative Solutions for the Construction Industry”



IT delivers benefits

Questions
Robin Wilkin

www.mpsprocess.com



“Innovative Solutions for the Construction Industry”

