# **Facility Condition Assessment**

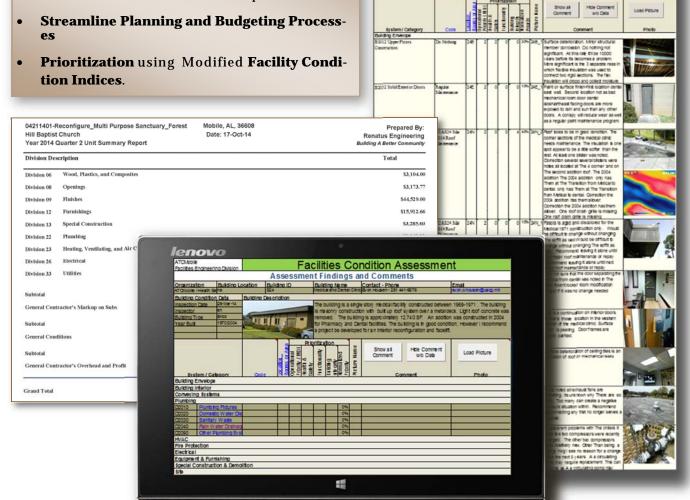
#### WHAT IS A FCA?

Without the right information about the condition of your facilities and building systems, it's difficult to plan maintenance, repair and capital improvement projects. Not every federal agency has the ability to generate the kind of data needed to build a comprehensive deferred maintenance program. Our inspection services will generate the data needed for the "facility maintenance and improvement" decision making process. Our FCA generally has 3 levels of effort:

- 1. Table top review of existing as-builds and maintenance record, cursory walk thru of facilities to gather system information, and report generation (10¢/SF).
- 2. All of the above, including detailed onsite inspection utilizing industry standards (CSI, ASTM E2018), condition indexes, system assessment management plan, and financial projections (16¢/SF).
- 3. All, including occupants questionnaire, BIM floor plan and separate roof assessment plan (31¢/SF).

#### **BENEFITS OF AN FCA**

- Evaluates Physical Assets to help substantiate corrective action.
- Increase Asset Service Life, minimize costly downtime, reduce administrative expense.



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Facilities Condition Assessment

### **Evaluates Physical Assets**

- ⇒ We perform assessment services to develop facility condition data that can be used by facility staff to support funding decisions to reduce deferred maintenance backlog that will lead to lower relative overall facility recapitalization program costs.
- ⇒ An assessment provides facility condition information that documents the nature and extent of a problem, as well as the options for corrective action.
- ⇒ Using Tablet PC, we document condition, add digital images, and include recommended actions all with one device. Since this is accomplished through the use of Visual Basic and a marco driven MS excel spreadsheet the program can be used on any government computer. The excel template is simple and complete enough for any novice inspectors without being overly cumbersome for more experience inspectors.

#### **Increase Asset Service Life**

- ⇒ Extend asset service life by identifying minor repair issues before they escalate to more serious problems.
- ⇒ Reduce downtime and its associated costs through the proactive identification of asset deficiencies. Particularly important for a roof assessment management plan.
- ⇒ Demonstrate that suitable mitigation measures are in place to manage identified risks.

## **Streamline Planning and Budgeting Processes**

- ⇒ Our program data is easily integrated into other documents.
- ⇒ The inspection program and excel database can be manipulated by any government owned workstation.
- ⇒ The data collected is stored in a spreadsheet format, including RSMeans online cost estimates. It is a consistent, auditable, defensible, document that can be used to justify any funding request.

# **Prioritization—Facility Condition Indices.**

- ⇒ We use industry standard Facility Condition Index (FCI) and other industry standard benchmarks as prioritization tools to quantify each building's current condition and future funding requirements.
- ⇒ Each asset is assigned a numerical rating to determine the level of risk it poses to the organization's overall mission.
- ⇒ When presented in the FCA Scoreboard, these values help you quickly determine how an asset rates in areas such as operational priority, life safety, regulatory compliance, userdefined categories and facility integrity.



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