



Cost Field Activities CADD
Meeting on 4 December 2002

Jekyll Island Club

The Cost Field Activities CADD group met at the Jekyll Island Club Hotel with the following in attendance.

Julie Davin	Walla Walla District
Milton Schmidt	Fort Worth District
David Brown	Savannah District
Gareth Clausen	Walla Walla District

Through the negotiation efforts of Ray Lynn, HQ and Jim Nichols, Huntsville, On-Screen Takeoff by OnCenter Software, is on the IM/FCAD2 Online Product Catalog. This was done to ease the acquisition process. Annual maintenance for this product is also on this contract.

Milton provided an update on the anticipated release of MII. The cost steering committee is meeting this week and will be deciding future of MII -- right now it's basically a manual input system -- no electronic transfer.

Sent out a request for new members to supervisors -- only got one response. Going to do a bottom up contact to see if can get new members.

Additional discussions were of a general nature focused on the below major topics.

Members

Re-send the member request to MCACES POC's with a copy to the Cost Engineering Chief. This would be a bottom-up approach.
Why? MCACES POC's historically are the most progressive folks in Cost Engineering.

Projects, Specifically a FY04 project.

Need a specific product with general CADD/Cost applications.
The project must have a product studies and such will not be funded.
Should the project focus on military or civil?
With the information we have we have gone as far as we can.
How can we determine what a project focus should be?

Survey

What are the questions? What are the answers?
Isolate items that are particular to CFAC.
We need to identify or get a flavor for what is needed?
Are we aware of all the tools that are in use?
Phone call follow-up for majority or 100% response.

By-product information from such a survey may be beneficial for others to use.

Survey content, format, expected results, and questions were developed and are attached to these minutes.

Using the inter/intra net for this survey will be investigated.

Quantity Take Off Development

Of what value is it for the designers to produce output specifically for the estimate?

Cost Engineering should Encourage design output that includes as much information as possible to assist the cost estimator.

CADD output is a parameter – the information is not a complete picture. Must always look at / view CADD output as a parametric quantity for input to the estimate e.g. in an assembly the CADD quantity may be 1 item or relate/affect many items in the cost assembly, CADD quantities are the parametric for determining crew, equipment, and production rates.

Advertising

Need to push electronic on-screen quantity take-off, until object intelligence is used and until MII has electronic importing capabilities.

The big question is when technology is available, why some folks accept and use the technology and others don't or won't utilize the technology. Training / Information dissemination – What output is needed to populate estimates i.e. quantities that match the unit price book

SURVEY

The Cost Field Activities CADD (FAC) Group is conducting a survey to help identify the appropriate focus area to develop projects that will benefit and promote the integration of CADD (quantity outputs) and Cost Estimates (quantity inputs). Your input is appreciated and will greatly assist technology development throughout Cost Engineering, Corps – wide.

What is the primary estimating function in your District?

- Military 100%
- Civil 100%
- Military & Civil 25% & 50% 50% & 50% 50% & 25%
- HTRW 0-25% 25-50% 50-75% 100%

What estimating software is used in Cost Engineering in your District?

- MCACES
 - GOLD 0-25% 25-50% 50-75% 100%
 - MFW 0-25% 25-50% 50-75% 100%
- PACES Y
- PC COST Y
- SUCCESS Y
- OTHER _____

Who in your District prepares the major quantities (quantity take-off) for cost estimates?

- COST ENGINEERING
 - 0-25% 25-50% 50-75% 100%
- DESIGNERS
 - 0-25% 25-50% 50-75% 100%

Within Cost Engineering what quantity take-off tools are used?

MANUAL (Paper / Ruler)

- 0-25% 25-50% 50-75% 100%

DIGITIZER (Paper & Digitizer)

- 0-25% 25-50% 50-75% 100%

ELECTRONIC ON MONITOR (Computer Monitor and Electronic Files)

- 0-25% 25-50% 50-75% 100%

Where Applicable – Select the electronic on monitor quantity take off software used by Cost Engineering in your District.

Y

Y BidScreen XL 

Y  

Other _____