



US Army Corps  
of Engineers

# ENGINEERING AND CONSTRUCTION BULLETIN

No. 2002-24 Issuing Office: CECW-EV Issued: 15 August 2002 Expires: 15 August 2004

**Subject: Approval of the Value Management/Value Engineering Center of Expertise (VM/VE CX)**

**Applicability:** Information

1. Reference ER1110-1-8158, Corps-Wide Centers of Expertise Program, 16 January 1998.
2. In accordance with ER-1110-1-8158, the Office of the Chief of Engineers, Value Engineering Study Team (OVEST) is approved and authorized to perform the services listed in the enclosed Roles and Responsibilities Report.
3. The VM/VE CX, will assist HQ USACE with portions of the Value Management / Value Engineering program, such as reporting, technology transfer, training support, program coordination, and publication of documents.
4. The enclosed CX Roles and Responsibilities Report details the tasks that the VE CX can perform.
5. The VE CX proponent is Michael P. Holt, CECW-EV, 202/761-7751.

Encl

A handwritten signature in black ink, appearing to read "D. Beranek".

DWIGHT A. BERANEK, P.E.  
Chief, Engineering and Construction Division  
Directorate of Civil Works

# Roles and Responsibilities

## Value Management / Value Engineering CX

(subject to funding)

### **Major CX Responsibilities**

Assist Headquarters USACE in:

- Reporting
- Activity Coordination
- Document Publication
- VEO Support
- Knowledge Transfer
- Training Support
- Other tasks as requested by HQUSACE

### **Reporting**

Assist HQUSACE VE Officer in:

- Completing and Updating Automated Reporting
- Collect and Consolidate VM / VE Reports from MSC and Centers

### **Activity Coordination Tasks**

Maintain membership on VEAC, and help implement VEAC recommendations / proposals  
Maintain a data base for VE metrics

Assist HQUSACE VE Officer when requested to:

Maintaining relationships with all Corps functional areas, including PM, HTRW, Ordnance and Explosive (OE), Foreign Military Sales (FMS), Civil, Military, and liaison with VE Contractors, AGC, and OVEST consulting council

Participating in Command Staff visits and assist MSC's in performing QA of the VE program

### **Document Publication Tasks**

Assist Headquarters in Drafting/Publishing/Maintaining:

- VM/VE ER
- VM/VE portions of guidance documents, such as PMBP's, technical manuals, policy letters, relating or referring to the USACE VM/VE program
- USACE VEO handbook EP 11-1-3
- VECP Pamphlet EP 11-1-4
- VM/VE briefings/presentations
- VEO skills/specialty database
- Quarterly VM/VE newsletter
- USACE VM/VE website, with associated links

## **Support for VE Officers Tasks**

Provide following assistance to HQ, Major Subordinate Commands, and Districts, as requested by HQ:

- Market VM/VE program to customers, Districts, MSC, other installations
- Establish and maintain VM/VE IDIQ contract
- Support / conduct Federal / Corps VM/VE conferences
- Support Award Programs
- Sponsor and conduct annual Corps VE conference

## **Knowledge Transfer Tasks**

Knowledge documentation

- Library of VM/VE studies
- Establish and maintain electronic library
- Establish "Lessons Learned" database
- Read and catalog papers on VM/VE

Knowledge Research

- Develop new VM/VE techniques
- New applications/types of function analysis
- Sponsor function analysis "Think tank" sessions as requested

Knowledge Interfaces

- Academic collaboration
- Partner with professional societies / organizations such as SAVE International
- Liaison with other Federal agencies concerning VM/VE activities

Knowledge Gathering

- Keep abreast of industry activities
- Monitor new technologies and applications thereof in VM/VE
- Read and catalog professional VM/VE-related papers

## **Training Support Tasks**

Draft training programs, seminars, information briefings at request of HQ such as:

- VM/VE Officers
- Entry-level – "How to manage your VE program?"
- Relationship building/presentation skills seminars
- Mentorship Certification, i.e., Certified Value Specialist, Associate Value Specialist,

Value Practitioner, etc.

- PM's, Program Development Team members
- VM/VE awareness programs for Corps personnel
- Motivational VM/VE
- VM/VE educational programs for presentations at conferences such as AGC