



Value Engineering Process Map (From Project Initiation to Award)



<http://www.usace.army.mil/ValueEngineering.aspx>

LEGEND

- PM Task (Red box)
- VEO Task (Green box)
- VEO Involved but Requires Others (Grey box)

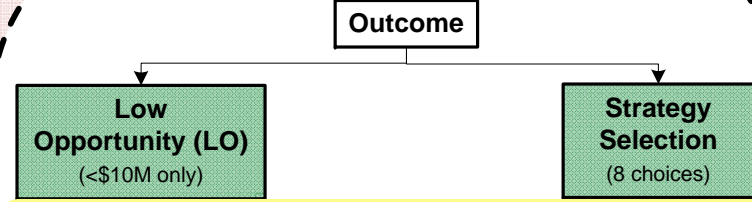
Project Startup – Value Engineering Strategy Development

As Integral Member of PDT VEO Attends Acquisition Strategy Meeting (ASM)

PROC 2050

Screening & Strategy Selection Tool (By VEO)

Outcome



See Screening/Strategy Selection/ & VMP Process

PD Discussion (VEO Recommends VE Strategy via Screening Tool)

Strategy Decision

Submit Waiver Request (See VE Waiver Process)

Value Management Plan (VMP) REF8023G VEO Subject Matter Expert on PDT

Project Management Plan (PMP) PROC 2000

Scheduled VE Milestones (Enter into P2)

Civil Works

P2 Schedule Activity "Scheduled Milestones"

< \$10M

> \$10M

CW285 - Start VE (PED)
CW295 - Finish VE (PED)

CW192 - Start VE Feasibility
CW195 - Finish VE Feasibility
CW285 - Start VE (PED)
CW295 - Finish VE (PED)

Military

ML285 - Start VE Study
ML290 - Finish VE Study

Budget/ Scoping/ Contracting

In-House Budget Activity

In-House
PM/PDT Develops Budget

VEO
Technical Experts

Team Leader (CVS or AVS)
Admin Assistant (if applicable)

Expenses

Resource & Fund Activity

Cross Labor Charge to Other Districts (If Applicable)

Contracted

PM/PDT Develops Budget

Identify IDIQ Contract Vehicle

Resource & Fund Task Order Activities
DD2579 - Small Business

Scope of Work

Independent Government Estimate (IGE)

Task Order Award

Executing & Reporting

Coordinate VE Activity

- Ensure VE study material distribution
- Coordinate workshop logistics
- Ensure appropriate technical expertise participation

Attend/Participate/Lead VE Workshop:

- Ensure follow SAVE 6 step process
- Ensure meet SAVE Standard
- Ensure compliance with ER 11-1-321, change 1
- Ensure compliance with task order contract (if applicable)

VE Report:

- Receive/Review VE Report (Draft/Final)
- Hard/Electronic Copy
- Ensure report quality meets standards

Database Management Activity

Upload VE report (SharePoint)

Enter workshop statistics (VERS)

Metric Reporting Activity

Cost Avoidance/ Cost Savings (VERS)

Program Coverage (Execute Studies - P2)

Compliance (Public Law and USACE Policy - P2)

Closing

Construction Award

Contracting Officer Verifies BCOES includes VE Certification

Includes VECP Clause in all Contracts

BCOES Activity

VE Certification (>\$2M Required for Award)

Required For Signature

VE Report/ Waiver/LO

Implementation Results

P2 Final Milestones

VE Study Cost

Finish "Actual" VE Milestones (Enter into P2)

Civil Works

< \$10M

> \$10M

CW295 - Finish VE (PED)

CW195 - Finish VE Feasibility
CW295 - Finish VE (PED)

Military

ML290 - Finish VE Study

P2 Finish Activity "Actual"