

VALUE ENGINEERING PROCESS

General

Value engineering is “a creative, organized approach, whose objective is to optimize the life cycle cost and/or performance of a facility”. To present a clear description of our assessment of the project in terms of cost and energy usage, and the approach that we applied to the study, we have outlined the procedure followed for the study.

A multi-discipline teams will be formed to analyze the project documents utilizing applicable value engineering techniques. It is the objective of each team to analyze their project area, figure out high cost areas, recommend alternatives and estimate initial and life cycle costs, whenever significant, for the original system and for each proposed alternative. Also, other evaluation criteria to be used to assure the proposed recommendations doesn't sacrifice essential functions and timely completion of the project.

Pre-study

Upon receipt of the project documents namely selected plans, design and contract documents, the Value Engineering members of the *VE* Team will start reviewing the documents and develop an estimate to better reflect the needs of the *VE* Workshop. Also, to generate a list of questions and ideas to be reviewed during the formal workshop.

VE Workshop

The *VE* Teams, under the guidance of the CVS Team Leader, analyzed the project documents submitted including plans, cost estimate, design reports and contract documents. The general format is the Team Leader to conduct a presentation, followed by discussions, then team application. The *VE* study then will be organized into seven (7) distinct phases comprising the *VE* Job Plan: (1) Information phase; (2) Function Analysis; (3) Creative phase; (4) Evaluation phase; (5) Development phase, (6) Presentation phase and (7) Implementation & Follow and reporting phase.