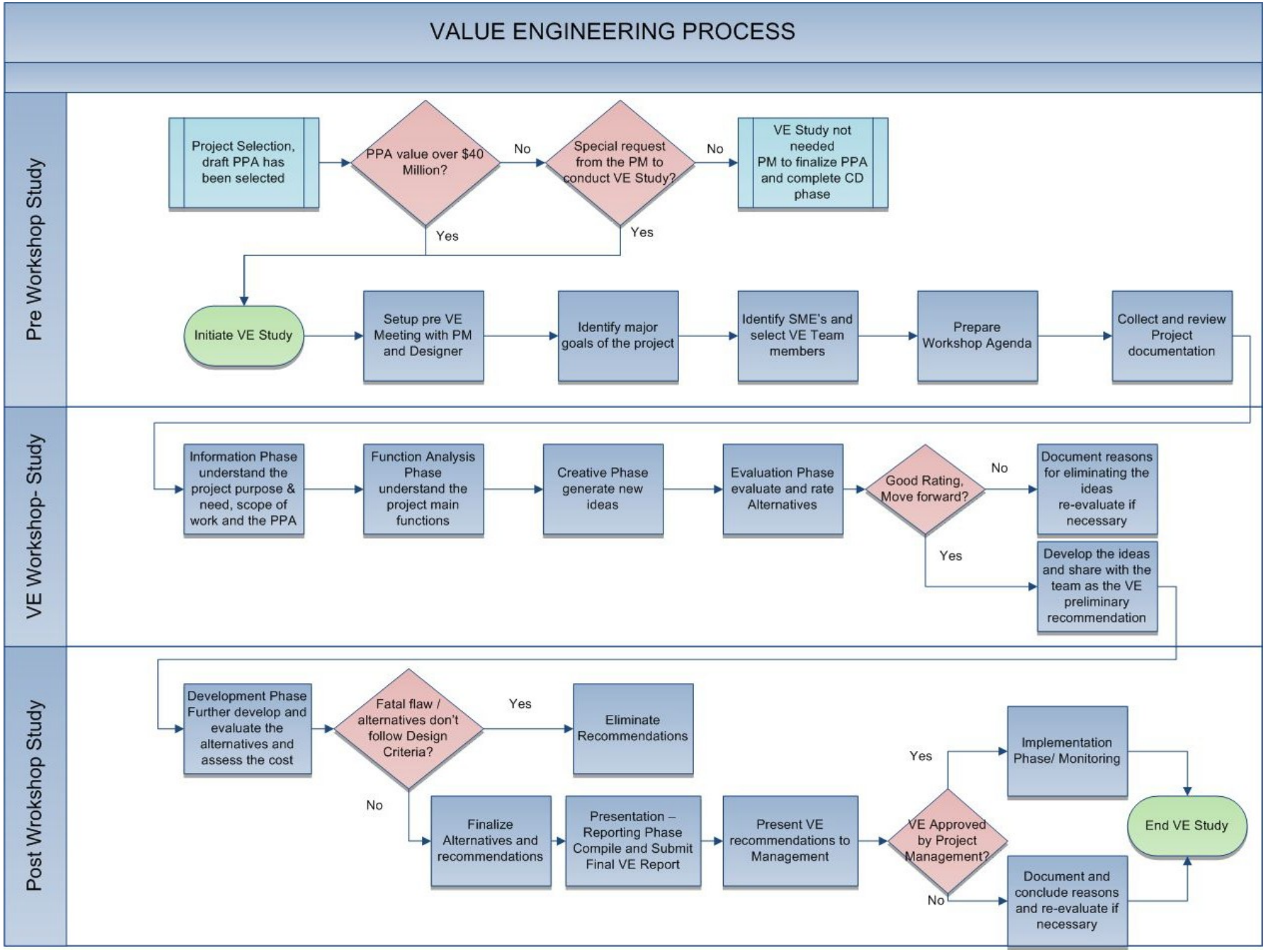
VALUE ENGINEERING PROCESS
Pre Workshop Study
Project Selection, draft PPA has been selected
PPA value over $40 Million?
No
Special request from the PM to conduct VE Study?
No
VE Study not needed PM to finalize PPA and complete CD phase
Yes
Yes
Initiate VE Study
Setup pre VE Meeting with PM and Designer
Identify major goals of the project
Identify SME's and select VE Team members
Prepare Workshop Agenda
Collect and review Project documentation
VE Workshop- Study
Information Phase understand the project purpose & need, scope of work and the PPA
Function Analysis Phase understand the project main functions
Creative Phase generate new ideas
Evaluation Phase evaluate and rate Alternatives
Good Rating, Move forward?
No
Document reasons for eliminating the ideas re-evaluate if necessary
Yes
Develop the ideas and share with the team as the VE preliminary recommendation
Post Wrokshop Study
Development Phase Further develop and evaluate the alternatives and assess the cost
Fatal flaw / alternatives don't follow Design Criteria?
Yes
Eliminate Recommendations
No
Finalize Alternatives and recommendations
Presentation – Reporting Phase Compile and Submit Final VE Report
Present VE recommendations to Management
VE Approved by Project Management?
Yes
Implementation Phase/ Monitoring
No
Document and conclude reasons and re-evaluate if necessary
End VE Study