

Value Engineering Workshop – Agenda

Day 1: Monday, 27 January 2025

Objective for the day: Learn about VE and the project

9:00 AM	Teams Meeting #1A	
9:00 AM – 9:30 AM	Workshop Kick-off Meeting <ul style="list-style-type: none"> • Verify technology connectivity and virtual environment • Study kickoff • Team introductions • Workshop objectives 	All audiences: BNL Management, stakeholders, designers, etc.
<i>Information Phase</i>	VE Process Overview <ul style="list-style-type: none"> • An instructional presentation on the principles of value engineering and their application to the project 	VE facilitator
9:30 AM – 11:00 AM	Project Overview <ul style="list-style-type: none"> • Project Scope / Design Overview • Goals and objectives of the project • Key project drivers, decisions, and constraints 	<ul style="list-style-type: none"> • Project challenges and VE focus areas Project Team/ Designer
<i>Information Phase</i>		
11:00 AM	Break	
11:15 AM – 12:00 PM	Define and Prioritize Performance Attributes	All Audiences
12:00 PM	Adjourn VE Kick-off Conference Call	
1:00 PM – 2:00 PM	VE Project Analysis and Documentation Review <ul style="list-style-type: none"> • Review Available Project Documents • Review Project schedule, including construction phasing/sequencing, work windows • Cost Estimate / Cost Model Review and contingency assumptions • Preliminary List of Project Issues and Value Opportunities • Initial Brainstorming List 	VE Team (offline individual assignments)
2:00 PM – 5:00 PM	Value Metrics and Baseline Performance Rating <ul style="list-style-type: none"> • Rate performance attributes of baseline project Risk Assessment & Risk Register <ul style="list-style-type: none"> • Assign probabilities and impact ratings to risks Discuss Project Issues and Value Opportunities	VE team
5:00 PM	Adjourn for the day	

Day 2: Tuesday, 28 January 2025

Objective for the day: Function Analysis, Brainstorming Ideas, and Evaluation

8:00 AM – 9:00 AM <i>Function Analysis Phase</i>	Function Analysis, Function-Cost Analysis <ul style="list-style-type: none"> • Random Function Identification • Build / Review FAST diagram 	VE team
9:00 AM – 12:00 PM <i>Creative Phase</i>	Brainstorming Ideas <ul style="list-style-type: none"> • Brainstorm alternative ways to perform key functions 	VE team
1:00 PM – 4:00 PM	Evaluation of Ideas <ul style="list-style-type: none"> • Rank ideas based on predetermined criteria 	VE team
4:00 PM – 5:00 PM	Continue Evaluation of Ideas <ul style="list-style-type: none"> • Analysis and research of evaluated ideas • Select ideas to develop further into VE Alternatives 	VE Team (offline individual assignments)
5:00 PM	Adjourn for the day	

Day 3: Wednesday, 29 January 2025

Objective for the day: Midpoint Review and Begin Developing

8:00 AM	Teams Meeting #3A	
8:00 AM – 9:00 AM	Develop Ideas into VE Alternatives <ul style="list-style-type: none"> • Individual/team assignments • Review VE Alternative Development Process 	VE team
9:00 AM – 10:00 AM	VE Midpoint Review	Project Team Representatives / VE team
9:30 AM – 12:00 PM <i>Development Phase</i>	Develop Ideas into Recommendations <ul style="list-style-type: none"> • Individual/team assignments • Development of recommendations: <ul style="list-style-type: none"> ○ Test design feasibility ○ Design analysis ○ Technical narratives ○ Further discussion on advantages and disadvantages ○ Cost analysis (life cycle cost comparison) 	VE Team (offline individual assignments)
1:00 PM – 3:00 PM <i>Development Phase</i>	Continue Development of VE Alternatives	VE Team (offline individual assignments)
3:00 PM – 5:00 PM	Continue Development of VE Alternatives <ul style="list-style-type: none"> • Status check and team discussion of development 	VE team
5:00 PM	Adjourn	

Day 4: Thursday, 30 January 2025

Objective for the day: Continue Development of VE Alternatives and Draft the Outbrief Presentation

8:00 AM – 12:00 PM <i>Development Phase</i>	Continue Development of VE Alternatives <ul style="list-style-type: none"> Status check and team discussion of development 	VE team
3:00 PM – 5:00 PM <i>Development Phase</i>	Continue Development of VE Alternatives <ul style="list-style-type: none"> Status check and team discussion of development Peer review of recommendations 	VE team
5:00 PM	Adjourn	

Day 5: Friday, 31 January 2025

Objective for the day: Deliver Close-out Presentation

8:00 AM – 10:00 AM <i>Presentation Phase</i>	VE Team Review of VE Alternative Development <ul style="list-style-type: none"> Peer review of recommendations Rehearse Outbrief Presentation	VE team
10:00 AM	VE Outbrief Presentation Meeting	
10:00 AM – 12:00 PM <i>Presentation Phase</i>	Presentation of VE Findings <ul style="list-style-type: none"> Team presents VE Study Results and VE Alternatives Questions and answers 	All Audiences: BNL management, stakeholders, designers, etc.
12:00	Adjourn	

Legend

All Audiences (HDR Design, VE team, BNL Stakeholders)

VE Team (Offline Individual Assignment)

VE Team (BNL + HDR Sessions)