

**EM Project Definition Rating Index
Facility Disposition Projects**

Rating Element	Weighting Designation	Weighting Factor	Expected Target Values At End Of Project Phase						
			Mission Need Justification (CD-0)		Conceptual/ Preliminary Design (CD-1/2)		Final Design (CD-3)		
			Maturity Value	Target Score	Maturity Value	Target Score	Maturity Value	Target Score	
COST									
A1	Cost Estimate	H	7.5	1	7.5	5	37.5	5	37.5
A2	Cost Risk/Contingency Analysis	P	3.0	1	3.0	5	15.0	5	15.0
A3	Funding Requirements/Profile	H	7.5	1	7.5	4	30.0	5	37.5
A4	Independent Cost Estimate/Schedule Review	P	3.0	N/A	0.0	5	15.0	5	15.0
A5	Life Cycle Cost	P	3.0	1	3.0	4	12.0	5	15.0
A6	Forecast of Cost at Completion	P	3.0	N/A	0.0	3	9.0	5	15.0
A7	Cost Estimate for Next Phase Work Scope	P	3.0	5	15.0	5	15.0	5	15.0
	Subtotal Cost				36.0		133.5		150.0
SCHEDULE									
B1	Project Schedule	H	7.5	1	7.5	4	30.0	5	37.5
B2	Major Milestones	P	3.0	1	3.0	5	15.0	5	15.0
B3	Resource Loading	P	3.0	1	3.0	4	12.0	5	15.0
B4	Critical Path Management	H	7.5	1	7.5	4	30.0	5	37.5
B5	Schedule Risk/Contingency Analysis	P	3.0	1	3.0	5	15.0	5	15.0
B6	Forecast of Schedule Completion	P	3.0	N/A	0.0	3	9.0	5	15.0
B7	Schedule for Next Phase Work Scope	P	3.0	5	15.0	5	15.0	5	15.0
	Subtotal Schedule				39.0		126.0		150.0
SCOPE/TECHNICAL									
C1	Alternatives Analysis/End State	H	3.6	5	18.2	5	18.2	5	18.2
C2	Waste Characterization/Assess Current Situation	H	3.6	3	10.9	5	18.2	5	18.2
C3	Trade-Off/Optimization Studies	P	2.5	3	7.5	5	12.5	5	12.5
C4	End Point Criteria	H	3.6	2	7.3	5	18.2	5	18.2
C5	Functional & Performance Requirements	H	3.6	2	7.3	5	18.2	5	18.2
C6	Technology Needs Identified	P	2.5	4	10.0	5	12.5	5	12.5
C7	Technology Needs Demonstrated	H	3.6	3	10.9	5	18.2	5	18.2
C8	Hazard Analysis	P	2.5	1	2.5	4	10.0	5	12.5
C9	Hazard Classification	H	3.6	1	3.6	5	18.2	5	18.2
C10	Safety Documentation	H	3.6	1	3.6	4	14.5	5	18.2
C11	NEPA Documentation	H	3.6	3	10.9	5	18.2	5	18.2

EM Project Definition Rating Index Facility Disposition Projects									
Rating Element	Weighting Designation	Weighting Factor	Expected Target Values At End Of Project Phase						
			Mission Need Justification (CD-0)		Conceptual/ Preliminary Design (CD-1/2)		Final Design (CD-3)		
			Maturity Value	Target Score	Maturity Value	Target Score	Maturity Value	Target Score	
C12	ES&H Management Planning (including ISMS)	H	3.6	2	7.3	4	14.5	5	18.2
C13	Safeguards & Security	P	2.5	2	5.0	4	10.0	5	12.5
C14	Emergency Preparedness	P	2.5	N/A	0.0	3	7.5	5	12.5
C15	Plot Plan	P	2.5	3	7.5	5	12.5	5	12.5
C16	Disposition Plans and Procedures	P	2.5	N/A	0.0	4	10.0	5	12.5
C17	Site Characterization (Including Surveys and Soil Tests)	P	2.5	3	7.5	5	12.5	5	12.5
C18	Long Lead/Critical Equipment & Materials List	P	2.5	1	2.5	5	12.5	5	12.5
C19	Work Package Completion	H	3.6	N/A	0.0	2	7.3	5	18.2
C20	Interface Planning and Control	P	2.5	2	5.0	5	12.5	5	12.5
C21	Loading/Unloading/Storage Requirements	P	2.5	1	2.5	4	10.0	5	12.5
C22	Waste Acceptance Criteria (WAC)	H	3.6	2	7.3	5	18.2	5	18.2
C23	Waste Packaging	P	2.5	1	2.5	4	10.0	5	12.5
C24	Transportation Requirements	P	2.5	1	2.5	4	10.0	5	12.5
C25	Pollution Prevention and Waste Minimization	P	2.5	2	5.0	4	10.0	5	12.5
C26	Training Requirements	P	2.5	1	2.5	3	7.5	5	12.5
C27	Post Disposition Monitoring Plan	P	2.5	1	2.5	3	7.5	5	12.5
	Subtotal Scope/Technical				152.3		349.3		400.0
MANAGEMENT PLANNING AND CONTROL									
D1	Mission Need Statement	H	5.0	5	25.0	5	25.0	5	25.0
D2	Acquisition Strategy/Plan	P	1.4	3	4.3	5	7.1	5	7.1
D3	Project Charter	P	1.4	3	4.3	5	7.1	5	7.1
D4	Key Project Assumptions	P	1.4	3	4.3	5	7.1	5	7.1
D5	Project Execution Plan (PEP)	H	5.0	1	5.0	5	25.0	5	25.0
D6	Integrated Project Team/Project Organization	P	1.4	2	2.9	5	7.1	5	7.1
D7	Baseline Change Control	H	5.0	1	5.0	5	25.0	5	25.0
D8	Project Control	P	1.4	N/A	0.0	5	7.1	5	7.1
D9	Project Work Breakdown Structure (WBS)	P	1.4	1	1.4	5	7.1	5	7.1
D10	Project Risk Management Plan/Assessment	H	5.0	2	10.0	5	25.0	5	25.0
D11	Quality Assurance Program	P	1.4	N/A	0.0	5	7.1	5	7.1

EM Project Definition Rating Index Facility Disposition Projects									
Rating Element	Weighting Designation	Weighting Factor	Expected Target Values At End Of Project Phase						
			Mission Need Justification (CD-0)		Conceptual/ Preliminary Design (CD-1/2)		Final Design (CD-3)		
			Maturity Value	Target Score	Maturity Value	Target Score	Maturity Value	Target Score	
D12	Configuration Management	P	1.4	1	1.4	5	7.1	5	7.1
D13	Value Engineering	P	1.4	1	1.4	5	7.1	5	7.1
D14	Procurement Packages	P	1.4	N/A	0.0	2	2.9	5	7.1
D15	Project Acquisition Process	P	1.4	5	7.1	5	7.1	5	7.1
D16	Resources Required (People/Material) for Next Phase	P	1.4	5	7.1	5	7.1	5	7.1
D17	Funds Management	P	1.4	5	7.1	5	7.1	5	7.1
D18	Reviews/Assessments	P	1.4	5	7.1	5	7.1	5	7.1
	Subtotal Management Planning and Control				93.6		195.7		200.0
EXTERNAL FACTORS									
E1	Integrated Regulatory Oversight Program	P	3.3	3	10.0	5	16.7	5	16.7
E2	Inter-Site Issues	P	3.3	3	10.0	5	16.7	5	16.7
E3	On-Site Issues	P	3.3	3	10.0	5	16.7	5	16.7
E4	Permits, Licenses, and Regulatory Approvals	H	5.0	2	10.0	4	20.0	5	25.0
E5	Stakeholder Program	H	5.0	4	20.0	5	25.0	5	25.0
	Subtotal External Factors				60.0		95.0		100.0

Total		381		900		1000
--------------	--	------------	--	------------	--	-------------

Maturity Values*	N/A	0	1	2	3	4	5
Definition	Not Applicable	Work Not Started	Work Initiated	Concept Defined	Substantive Working Detail	Final Draft	Complete. Fully Meets Criteria
Approximate % Complete Range	N/A	0	1% to 20%	21% to 50%	51% to 80%	81% to 95%	96% to 100%

*Application of maturity values may use the definitions and/or the approximate percent complete ranges shown above, as appropriate for specific rating elements.