COCOMO II - Constructive Cost Model

Monte Carlo Risk Off
Auto Calculate Off

Software Size Sizing Method Function Points

Unadjusted Function Points 86 Language Java

Software Scale Drivers

Precedentedness	Nominal	Architecture / Risk Resolution	High	Process Maturity	Nominal
Development Flexibility	Very High	Team Cohesion	Very High		

Software Cost Drivers

Product

Required Software Reliability	Low
Data Base Size	Nominal
Product Complexity	Nominal
Developed for Reusability	Nominal
Documentation Match to Lifecycle Needs	Nominal

Personnel

Analyst Capability	High
Programmer Capability	High
Personnel Continuity	Very High
Application Experience	Nominal
Platform Experience	Nominal
Language and Toolset Experience	Nominal

Platform

Time Constraint	Nominal
Storage Constraint	Nominal
Platform Volatility	Low

Project

Use of Software Tools	Very High
Multisite Development	Very High
Required Development Schedule	Nominal

Maintenance Off

Software Labor Rates

Cost per Person-Month (Dollars) 1800

Calculate

Results

Software Development (Elaboration and Construction)

Effort = 4.7 Person-months
Schedule = 5.9 Months
Cost = $8380

Total Equivalent Size = 4558 SLOC
Effort Adjustment Factor (EAF) = 0.33

Staffing Profile

Your project is too small to display a staffing profile due to truncation.

Acquisition Phase Distribution

Phase	Effort (Person-months)	Schedule (Months)	Average Staff	Cost (Dollars)
Inception	0.3	0.7	0.4	$503
Elaboration	1.1	2.2	0.5	$2011
Construction	3.5	3.7	1.0	$6369
Transition	0.6	0.7	0.8	$1006

Software Effort Distribution for RUP/MBASE (Person-Months)

Phase/Activity	Inception	Elaboration	Construction	Transition
Management	0.0	0.1	0.4	0.1
Environment/CM	0.0	0.1	0.2	0.0
Requirements	0.1	0.2	0.3	0.0
Design	0.1	0.4	0.6	0.0
Implementation	0.0	0.1	1.2	0.1
Assessment	0.0	0.1	0.8	0.1
Deployment	0.0	0.0	0.1	0.2