



Probabilistic Budget Report

Report for project

General Data

Item	Value
Simulation name	prueba demo
Iterations	10000
Project Model name	budget
Project name	Faina Development
Organizational unit name	R&D
Company name	OvenLabs_TEST
Created by	ol_test_user
Created at	2026-01-28 17:52:21.755631+00:00

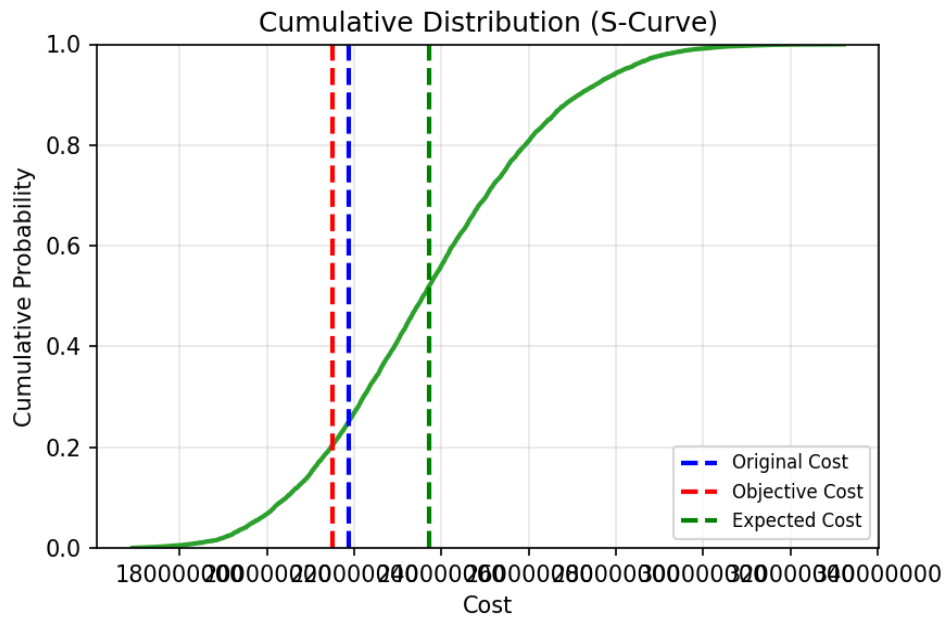
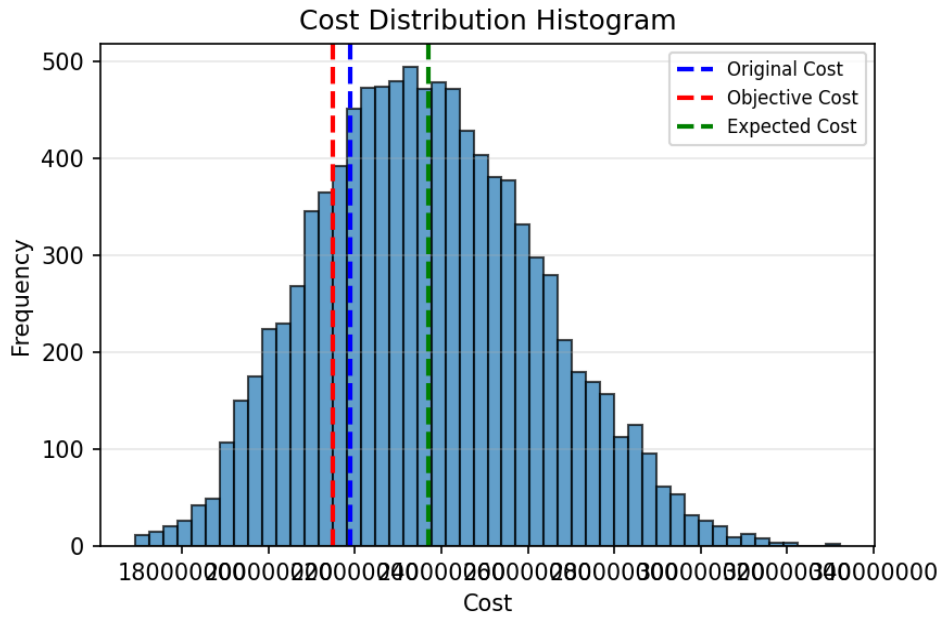
Profile Info

Project profile type: Construction - AACE Class: 5



Reference Costs

Item	Value
Objective cost	\$ 215,000,000.0
Original cost	\$ 218,841,608.76
Expected cost	\$ 237,078,459.98





Statistics

Statistic	Value
Max	\$ 332,168,127.33
Min	\$ 169,205,460.82
Standard deviation	25,643,565.447
Mean	\$ 237,078,459.98
Mode	\$ 169,205,460.82
Median	\$ 235,766,818.12
Skew	0.228
Kurtosis	2.736

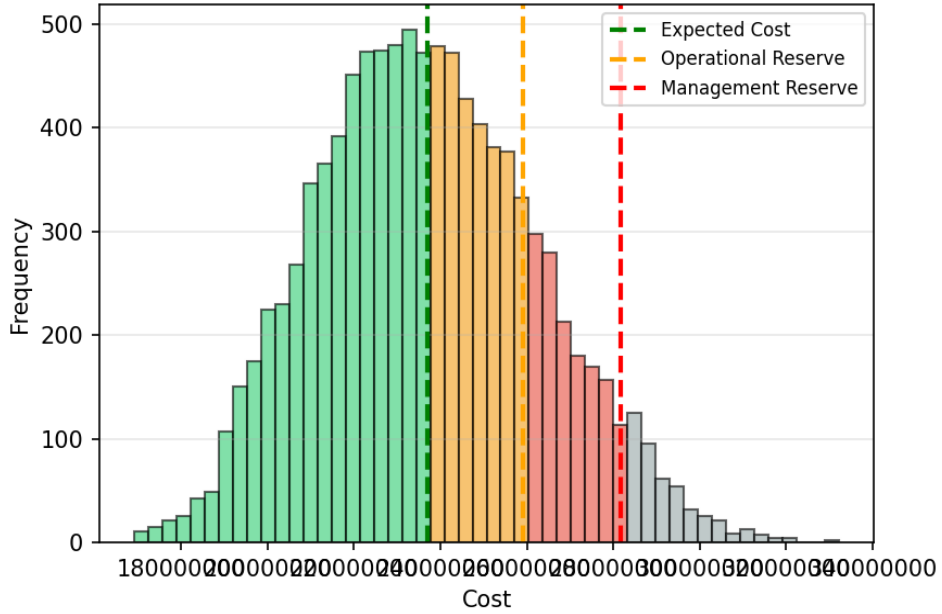
Percentiles

Percentile	Value
Min	\$ 169,205,460.82
1.0%	\$ 184,540,201.06
2.5%	\$ 191,355,657.87
5.0%	\$ 196,676,008.83
10.0%	\$ 204,440,592.69
15.0%	\$ 210,121,732.2
20.0%	\$ 214,661,476.7
30.0%	\$ 222,119,180.59
40.0%	\$ 229,237,858.9
50.0%	\$ 235,766,818.12
60.0%	\$ 242,574,303.38
70.0%	\$ 250,360,138.65
80.0%	\$ 259,204,107.42
90.0%	\$ 271,591,765.03
95.0%	\$ 281,800,972.89
97.5%	\$ 289,013,810.13
99.0%	\$ 297,843,465.33
Max	\$ 332,168,127.33



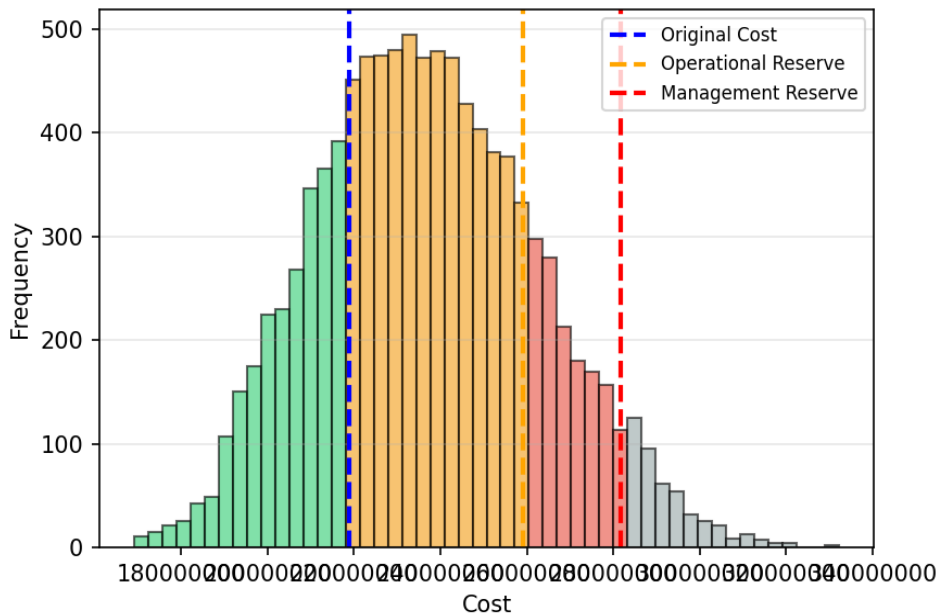
Contingencies vs Expected Cost

Contingency type	Reference percentile	Value
Operational	80.0%	\$ 22,125,647.44
Management	95.0%	\$ 22,596,865.47



Contingencies vs Original Cost

Contingency type	Reference percentile	Value
Operational	80.0%	\$ 40,362,498.66
Management	95.0%	\$ 22,596,865.47





Risk Analysis and Conclusions

Key Performance Indicators

KPI	Value	Assessment
Expected Cost	\$ 237,078,459.98	Above objective (10.269%)
Coefficient of Variation	10.816%	Moderate risk
Cost Range	\$ 169,205,460.82 - \$ 332,168,127.33	
Distribution Skew	0.228	Symmetric distribution
Recommended Contingency (P80)	\$ 22,125,647.44	9.333% of expected cost

Cost Analysis Summary

The expected project cost is \$ 237,078,459.98, above the objective (\$ 215,000,000.0), indicating a significant cost overrun expectation. The project presents a moderate risk profile (CV: 10.816%), manageable with standard contingency reserves.

Contingency Recommendations

Based on the moderate risk assessment, a P80 confidence level is recommended. This requires an operational contingency of \$ 22,125,647.44 (9.333% of expected cost). For projects requiring higher confidence, an additional management reserve of \$ 12,387,657.61 brings the total to \$ 34,513,305.05.

Conclusion

The project shows reasonable viability with moderate risk levels. Standard contingency reserves aligned to P80 are recommended. Maintaining awareness of potential cost variations during execution is advised.