

Cost Model v2 (Karmod) — Modular Cabin Deployment

Date: 2025-11-01 • Assumption: 480 cabins total • Currency: USD (MAD @ 9.23:1 reference)

Per-Cabin Components (USD) — Low / Medium / High

Component	Low	Medium	High
Shell ex-works	\$6,500	\$8,500	\$11,000
Ocean freight & drayage	\$1,200	\$1,800	\$2,400
Import taxes & fees (est.)	\$2,000	\$2,800	\$3,600
Foundations & pads	\$1,200	\$1,800	\$2,600
Assembly labor (set/bolt)	\$900	\$1,400	\$2,200
MEP tie-ins (power/water)	\$1,400	\$2,100	\$3,200
Furnishing/equipment	\$1,200	\$2,000	\$3,000
Siteworks & utilities avg	\$1,500	\$2,500	\$4,000
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Subtotal per cabin	\$15,900	\$22,900	\$32,000
× 480 cabins			
Project subtotal (USD)	\$7,632,000	\$10,992,000	\$15,360,000
+ Contingency (10%)	\$763,200	\$1,099,200	\$1,536,000
Core total (USD, excl. land)	\$8,395,200	\$12,091,200	\$16,896,000
Core total (MAD, excl. land)	77,487,696 MAD	11,601,776 MAD	155,950,080 MAD

Land-Cost Plug-in (user-supplied)

Compute land cost separately and add to the core total above.

Variable	Value	Formula / Example
Land area (m²)	_____	Example: 20,000 m²
Price (MAD per m²)	_____	Example: 1,200 MAD/m²
Land cost (MAD)	_____	area × price → 24,000,000 MAD
Combined total (MAD)	_____	core MAD + land MAD

Notes: Planning estimates pending vendor quotes and Moroccan customs/VAT confirmation. Classroom use requires local code approvals.