

AE2 Future Management Options - Details Of Costs

All costs in Australian \$. No adjustment has been made to allow for the cost of provision of services in Turkey, or the possibility of in kind sponsorship.

Option Item	2						3		4	5
	Cathodic Protection	Physical Protection	Archaeological Assessment		Replicas	Option 2 totals	Neutralise Explosive Risk	To prepared shallow water site	To shore with "wet" preservation	To shore with "wet" preservation and eventual "dry" preservation
				Internal Photographic Record	Artefact Recovery & Conservation					
Design Consultancy	\$50,000	100000	Internal Archaeological Assessment (3 expeditions @ \$1M each, estimate)		\$3,000,000	\$500,000				
Materials	\$100,000	1200000				\$3,000,000	Neutralise Explosives, estimate	5,000,000	Neutralise Explosives	\$5,000,000
Installation	\$800,000	800000	Conservation of artefacts			\$15,700,000	\$1,500,000	Option 2 costs	30,625,000	Option 2 & 3 costs
							Lifting catamaran, winches and all fittings, (components priced by Mike Rikard-Bell)	8,000,000	Move ashore	\$2,000,000
			Estimate provided by Times Smith and agreed Ian MacLeod				Lift & Shift, (estimate agreed SKM and Mike)	2,000,000	Treatment container (glass swimming pool) SKM estimate	Controlled Environment Viewing Hall, (estimate based on WA Maritime Museum costs)
							Floating Display facilities estimate	5,000,000	Modern Functional Museum Building, SKM estimate based on WA Maritime Museum costs per M2	\$7,000,000
							Shore facilities estimate	10,000,000	Lifting Cradle, (Mike costing based on 250 tonne structure)	\$10,000,000
Project Management costs	10%	10%	10%	10%	10%		Project Management	15%	Project Management	15%
Establishment Costs	\$1,045,000	\$2,310,000		\$3,300,000	\$17,270,000	\$5,500,000	Establishment costs	69,718,750	Establishment costs	\$82,138,750
										Establishment costs
							Operating costs for 5 years, allow 10% of capital costs as annual cost. Reduced maintenance for first year, cost for 5 years = 4.2*annual costs	9,660,000	Operating costs for 5 years, allow 15% of capital costs as annual cost. Reduced maintenance for first year, cost for 5 years = 4.2*annual costs	Operating costs for 5 years, allow 15% of capital costs as annual cost. Reduced maintenance for first year, cost for 5 years = 4.2*annual costs. \$2M added for on-going corrosion protection
Operating Costs	\$150,000	\$100,000				\$50,000			\$14,490,000	\$20,900,000
Total Installation + 5 years operating costs	\$1,645,000	\$2,710,000		\$3,300,000	\$17,270,000	\$5,700,000	\$30,625,000	79,378,750	\$96,628,750	\$123,409,563
						Without Artefacts	\$13,355,000			

Notes

- Costs for option 2 are estimates agreed by SKM and the naval architect adviser.
- All costs in Australian \$.
- No adjustment has been made for the cost of delivering these services in Turkey, with one exception; the lifting catamaran has been priced for construction in Croatia with components provided by reputable international suppliers.