

**ESTIMATE OF COSTS ASSOCIATED WITH
UNFORESEEN SUBSURFACE CONDITIONS at the MILLIS POLICE STATION SITE** (rev #3: 9-30-15)

ADDITIONAL COSTS INCURRED TO DATE	COST	FROM	TYPE
Remove & dispose of additional contaminated soils	\$17,323	ACC	CCD#4 /PCO
Remove & dispose of buried foundation	\$13,176	ACC	CCD#1 /PCO
Test pits to explore for more unforeseen materials	\$1,766	ACC	CCD#2
Remove & dispose of asbestos pipe	\$9,040	ACC/DGM	CCD#3/PCO
Environmental, permitting and monitoring	\$75,412	SOV/CDR	Contract Amendments
Contractor's "idle equipment" costs	\$25,500	RC&D	Unit price 9/2 - 9/28
Additional costs to abate existing Library	\$67,717	Fransceco	Negotiated cost over-runs
Additional monitoring costs associated with Library	\$5,550	PMEC	Change Order
Clean up visible asbestos debris & cover site with poly	\$2,800	Lump Sum	CCD #5
Ongoing maintenance of poly protection	\$1,600	2 visits	CCD #5
Environmental sampling & testing costs to date	\$6,600	SOV/CDR	Quote

TOTAL: \$226,484

ANTICIPATED COSTS TO REMEDIATE SITE	COST	QUANTITY	ASSUMPTIONS
Remove & dispose of contaminated stockpiles	\$90,000	300CY	\$300/CY Allowance
Remove & dispose of organic soil layer & replace with new	\$30,000	600CY	\$50/CY Allowance (see NOTE #1 below)
Remove & dispose of contaminated soils within building footprint and replace with new	\$180,000	600CY	\$300/CY Allowance (see NOTE #2 below)
Remove & dispose of contaminated soils outside building footprint and replace with new	\$39,900	133CY	\$300/CY Allowance
Asbestos permitting & monitoring and additional material sampling & testing	\$9,055	10 days	Axiom quote
Agostini extended general conditions	\$90,000	2 months	\$45,000/Mo
Additional fencing to segregate "Regulated Work Area"	\$1,600	Lump Sum	Allowance
Additional Millis Project Manager salary + expenses	\$31,800	3 months	\$10,600/Mo
Additional winter conditions costs (temporary enclosures, heat, MFD apparatus protection)	\$60,000	Lump Sum	Allowance
Increase underslab passive venting system	\$10,000	Lump Sum	Allowance
Truck wash set-up and maintenance	\$23,000	Lump Sum	SMI quote
Additional environmental testing and reports due to TPH remediation	\$44,000	Lump Sum	SOV allowance
Decontaminate equipment onsite	\$1,200	Lump Sum	SMI quote
Demobilize excavation equipment & re-mobilize later	\$5,000	Estimate	RC&D subcontractor
Briggs Geo-Tech oversight of organic layer removal	\$2,700	5 visits	Allowance
Potential Delay costs from sub-contractors	\$10,000	Estimate	Place holder
TPH remediation including Frac tank & dewatering	\$15,000	Estimate	Allowance
Additional "idle equipment" charges to actual start	\$22,500	15 days	Estimate duration

SUBTOTAL: \$665,755
10% CONTINGENCY: \$66,575
TOTAL: \$732,330

TOTAL COSTS: \$958,814

ACC= Agostini Construction
SMI = Abatement Contractor
RC&D= Site Contractor
SOV= Sovereign LSP
Axiom= Asbestos Consultant
CCD = Construction
Change Directive

Note #1: Potential exposure for this line item = (+)\$150,000 if not allowed to segregate asphalt contaminants

Note #2: Potential exposure for this line item = (+)\$90,000 if additional 300 CY of contaminated soils are found

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SUMMARY SHEET

TOTAL OF COSTS INCURRED TO DATE	\$226,484
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ANTICIPATED COSTS TO REMEDIATE SITE	\$665,755
10% CONTINGENCY	<u>\$66,575</u>

TOTAL	\$958,814
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POTENTIAL RISKS

Note #1 REFERENCE	\$150,000
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Note #2 REFERENCE	<u>\$90,000</u>
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POTENTIAL TOTAL	\$1,198,814
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Budget Items Previously Deleted	<u>\$628,250</u>
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GRAND TOTAL:	\$1,831,904
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MILLIS POLICE & FIRE STATION PROJECT

9-28-15
9-30-15 REV

PRIORITIZED PROJECT BUDGET ITEMS PREVIOUSLY DELETED FROM SCOPE

REV 9-30-15

	Description	Cost	Remarks
1)	<u>COST TO RE-ROOF APPARATUS PORTION OF FIRE STATION</u>		BID ALT #2 not accepted
	Capeway Roofing figure carried on Bid form	\$116,800	
	Total with allowable Subcontractor & CM markups	\$134,904	
	Dumpsters for Roof Removal	<u>\$3,900</u>	
	TOTAL:	\$138,804	
2)	<u>COST TO ADD BACK CARPORT TO POLICE STATION</u>		Value Engineering Item P06
	Carport special construction	\$79,000	
	Carport Fire Protection	\$4,880	
	Carport Electrical / lighting	\$5,850	
	Carport foundation/piers excavation & backfill	\$3,000	
	Carport concrete foundations & piers	\$6,500	
	Connect gutters and downspouts to collection system	\$3,000	
	Misc. flashing provisions	<u>\$2,000</u>	
	SUBTOTAL:	\$104,230	
	With allowable Subcontractor & CM markups TOTAL:	\$120,386	
3)	<u>AMOUNT NEEDED TO RESTORE TECHNOLOGY BUDGET</u>		
	Original Technology Equipment Budget	\$525,000	
	Current Technology Equipment Budget	<u>\$469,182</u>	
	Additional amount needed to restore budget TOTAL:	\$55,818	
4)	<u>AMOUNT NEEDED TO RESTORE OWNER'S CONSTRUCTION CONTINGENCY</u>		
	Original Construction Contingency	\$383,000	(5.25%)
	Contingency as per GMP 8-31-15	\$367,015	(4.88%)
	Current balance in Construction Contingency	<u>\$84,438</u>	(1.1%)
	Amount needed to restore Construction Contingency	\$282,577	
	Less Portion attributed to Unforeseen Conditions	<u><\$226,484></u>	
	Additional amount needed to restore Contingency	\$56,093	
5)	<u>COST TO ADD BACK FAÇADE IMPROVEMENTS at FIRE STATION</u>		BID ALT #1 not accepted
	Total costs per Bid Form		
	TOTAL:	\$50,250	

TOTAL ALL: \$421,351