Feasibility Study Cost Estimate Ricochet Area MRS Fort Indiantown Gap Military Reservation

			Alternative 1	Alternative 2	Alternative 3	Alternative 4	Alternative 5
MRS#	MRS Description	Acreage	No Action	Containment and Controls	Surface Removal with Containment and Controls	Focused Surface Removal with Containment and Controls - (1,334 Acres)	Subsurface Removal to Instrument Detection Depth with Containment and Controls
1	Ricochet Area	3,262	\$0	\$181,998	\$16,182,335	\$6,757,826	\$24,315,156
	TOTALS		\$0	\$181,998	\$16,182,335	\$6,757,826	\$24,315,156

Contract No.: W9133L-09-F-0304 Project No.: 12767.099.001

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				rnative No: 1 No Action				
APIT	AL COST:							
Bid Item No.	Description	<u>QTY</u>	<u>Unit</u>	Team Production (Units/Day)	# Teams	Duration (Weeks)	Weekly Cost Per Team	<u>Total</u>
	Work Plans		LS	N/A	N/A	N/A	<u> </u>	·
0100 0110	Explosive Safety Submission	0.00	LS	N/A N/A	N/A N/A	N/A	99,000 38,500	\$0 \$0
0200	Mobilization	0.00	LS	N/A	N/A	N/A	53,171	\$0 \$0
0300	Site Management	0.00	WEEKS	0.0	0.0	0.0	19,576	\$0 \$0
)300)310	Survey/Positioning	0.00	AC	0.0	0.0	0.0	14,890	\$0 \$0
0320	Brush Clearing	0.00	AC	0.0	0.0	0.0	10,004	\$0 \$0
0400	MEC Surface Removal	0.00	AC	0.0	0.0	0.0	37,793	\$0 \$0
0410	MEC Removal to Detection Depth (M&D)	0.00	AC	0.0	0.0	0.0	38,178	\$0 \$0
0420	Digital Geophysical Mapping	0.00	AC	0.0	0.0	0.0	36,176 19,914	\$0 \$0
0430	Geophysical Data Analysis	0.00	AC	0.0	0.0	0.0	18,136	\$0 \$0
0430 0440	Anomaly Reacquisition		AC					\$0 \$0
	MEC Subsurface Removal (DGM)	0.00	AC	0.0	0.0	0.0	4,732	
0450	· · · · · · · · · · · · · · · · · · ·	0.00		0.0	0.0	0.0	34,525	\$0 \$0
0500	MEC Disposal	0.00	WEEKS	0.0	0.0	0.0	34,195	\$0
0510	Scrap Disposal Site Restoration	0.00	WEEKS	0.0	0.0	0.0	17,587	\$0
0600		0.00	AC	0.0	0.0	0.0	36,308	\$0
0610	Demobilization	0.00	LS	N/A	N/A	N/A	12,925	\$0
0700	Final Report Containment and Controls	0.00	LS	N/A	N/A	N/A	77,000	\$0 \$0
0080	Sub-Total	0.00	LS	N/A	N/A	N/A	42,350	\$0 \$0
	Contingency	15%						\$0 \$0
	Sub-Total	1070						\$0
	Infractive Incorporate	00/						
	Infrastructure Improvements	2%						\$0
	Project Management	5%						\$0
	Remedial Design	8%						\$0
	Construction Management	6%						\$0
	Total Capital Cost							\$0
ERIO	DIC COST:							
	<u>Description</u>			<u>Year</u>	<u>QTY</u>	<u>Unit</u>	Unit Cost	<u>Total</u>
0900	Containment and Controls - Annual Cost			5 - 30	0	LS	1,265	\$0
1000	Five Year Review - First Review			5	0	EA	8,800	\$0
1010	Five Year Review - Years 10,15,20,25 & 30			10 - 30	0	EA	5,500	\$0
1100	Four to Five Year UXO Construction Support			5 - 30	0	EA	24,072	\$0
DEG	ENT VALUE ANALYSIS:							
NEGE					Total	Total Cost	Discount	Present
	Cost Type			<u>Year</u>	<u>Cost</u>	Per Year	Factor (%)	<u>Value</u>
	Capital Cost			0	\$0	\$0	1	\$0
	Periodic Cost			5	\$0	\$0	0.854	\$0
	Periodic Cost			10	\$0	\$0	0.737	\$0
	Periodic Cost			15	\$0	\$0	0.633	\$0
	Periodic Cost			20	\$0	\$0	0.543	\$0
	Periodic Cost			25	\$0	\$0	0.467	\$0
	Periodic Cost			30	\$0	\$0	0.400	\$0
					\$0			\$0
otal F	Present Value of Alternative							\$0

Ricochet Area MRS

AC = acres, EA = each, LS = lump sum, N/A = not applicable, WK = week

Contract No.: W9133L-09-F-0304

Project No.: 12767.099.001

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Ricochet Area MRS **Alternative No: 2 Containment and Controls**

Bid				Team				
ltem				Production		Duration	Weekly Cost	
No.	<u>Description</u>	<u>QTY</u>	<u>Unit</u>	(Units/Day)	# Teams	(Weeks)	Per Team	<u>Total</u>
100	Work Plans	0.50	LS	N/A	N/A	N/A	99,000	\$49,500
0110	Explosive Safety Submission	0.50	LS	N/A	N/A	N/A	38,500	\$19,250
0200	Mobilization	0.00	LS	N/A	N/A	N/A	53,171	\$0
0300	Site Management	0.00	WEEKS	0.0	0.0	0.0	19,576	\$0
0310	Survey/Positioning	0.00	AC	0.0	0.0	0.0	14,890	\$0
320	Brush Clearing	0.00	AC	0.0	0.0	0.0	10,004	\$0
400	MEC Surface Removal	0.00	AC	0.0	0.0	0.0	37,793	\$0
0410	MEC Removal to Detection Depth (M&D)	0.00	AC	0.0	0.0	0.0	38,178	\$0
)420	Digital Geophysical Mapping	0.00	AC	0.0	0.0	0.0	19,914	\$0
)430	Geophysical Data Analysis	0.00	AC	0.0	0.0	0.0	18,136	\$0
0440	Anomaly Reacquisition	0.00	AC	0.0	0.0	0.0	4,732	\$0
)450	MEC Subsurface Removal (DGM)	0.00	AC	0.0	0.0	0.0	34,525	\$0
0500	MEC Disposal	0.00	WEEKS	0.0	0.0	0.0	34,195	\$0
0510	Scrap Disposal	0.00	WEEKS	0.0	0.0	0.0	17,587	\$0
0600	Site Restoration	0.00	AC	0.0	0.0	0.0	36,308	\$0
0610	Demobilization	0.00	LS	N/A	N/A	N/A	12,925	\$0
0700	Final Report	0.00	LS	N/A	N/A	N/A	77,000	\$0
0080	Containment and Controls	1.00	LS	N/A	N/A	N/A	42,350	\$42,350
	Sub-Total							\$111,100
	Contingency	15%						\$16,665
	Sub-Total							\$127,765
	Infrastructure Improvements	2%						\$2,555
	Project Management	5%						\$6,388
	Remedial Design	8%						\$10,221
	Construction Management	6%						\$7,666
	Total Capital Cost						Г	\$154,596
	·							· · · · · ·
ERIC	Description			<u>Year</u>	QTY	<u>Unit</u>	Unit Cost	<u>Total</u>
								
0900	Containment and Controls - Annual Cost			5 - 30	1	LS	1,265	\$1,265
1000	Five Year Review - First Review			5	1	EA	8,800	\$8,800
1010	Five Year Review - Years 10,15,20,25 & 30			10 - 30	1	EA	5,500	\$5,500
1100	Four to Five Year UXO Construction Support			5 - 30	0	EA	24,072	\$0
RES	ENT VALUE ANALYSIS:							
					Total	Total Cost	Discount	Present
	Cost Type			<u>Year</u>	Cost	Per Year	Factor (%)	<u>Value</u>
								
	Capital Cost			0	\$154,596	\$154,596	1	\$154,596
	Periodic Cost			5	\$10,065	\$10,065	0.854	\$8,596
	Periodic Cost			10	\$6,765	\$6,765	0.737	\$4,986
	Periodic Cost			15	\$6,765	\$6,765	0.633	\$4,282
	Periodic Cost			20	\$6,765	\$6,765	0.543	\$3,673
	Periodic Cost			25	\$6,765	\$6,765	0.467	\$3,159
	Periodic Cost			30	\$6,765	\$6,765	0.400	\$2,706
					\$198,486			\$181,998
	Present Value of Alternative						T T	\$181,998

AC = acres, EA = each, LS = lump sum, N/A = not applicable, WK = week

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Ricochet Area MRS **Alternative No: 3 Surface Removal of MEC with Containment and Controls**

Bid				Team				
ltem				Production		Duration	Weekly Cost	
No.	<u>Description</u>	<u>QTY</u>	<u>Unit</u>	(Units/Day)	# Teams	(Weeks)	Per Team	<u>Total</u>
100	Work Plans	1.00	LS	N/A	N/A	N/A	99,000	\$99,000
110	Explosive Safety Submission	1.00	LS	N/A	N/A	N/A	38,500	\$38,500
200	Mobilization	1.00	LS	N/A	N/A	N/A	53,171	\$53,171
300	Site Management	1.00	WK	1.0	1.0	91	19,576	\$1,785,223
310	Survey/Postioning	3,262.00	AC	5.0	2.0	65	14,890	\$971,403
320	Brush Clearing	326.20	AC	5.0	1.0	13	10,004	\$130,532
100	MEC Surface Removal	3,262.00	AC	3.0	3.0	72	113,379	\$8,218,710
110	MEC Removal to Detection Depth (M&D)	0.00	AC	0.0	0.0	0.0	38,178	\$0
120	Digital Geophysical Mapping	11.00	AC	0.0	0.0	0.0	19,914	\$0
130	Geophysical Data Analysis	11.00	AC	0.0	0.0	0.0	18,136	\$0
140	Anomaly Reacquisition	11.00	AC	0.0	0.0	0.0	4,732	\$0
150	MEC Subsurface Removal (DGM)	11.00	AC	0.0	0.0	0.0	34,525	\$0
500	MEC Disposal	34.32	EA	0.5	1.0	3	34,195	\$117,356
510	Scrap Disposal	46.00	EA	0.1	1.0	1	17,587	\$16,180
600	Site Restoration	32.62	AC	5.0	1.0	1	36,308	\$47,375
610	Demobilization	1.00	LS	N/A	N/A	N/A	12,925	\$12,925
700	Final Report	1.00	LS	N/A	N/A	N/A	77,000	\$77,000
800	Containment and Controls	1.00	LS	N/A	N/A	N/A	42,350	\$42,350
	Sub-Total							\$11,609,72
	Contingency	15%						\$1,741,459
	Sub-Total							\$13,351,18
	Infrastructure Improvements	2%						\$267,024
	Project Management	5%						\$667,559
	Remedial Design	8%						\$1,068,09
	Construction Management	6%						\$801,071
	Total Capital Cost						Γ	\$16,154,93
							<u> </u>	. , ,
ERIC	DDIC COST: Description			<u>Year</u>	<u>QTY</u>	<u>Unit</u>	Unit Cost	Total
					<u> </u>			·
900	Containment and Controls - Annual Cost			5 - 30	1	LS	1,265	\$1,265
000	Five Year Review - First Review			5	1	EA	8,800	\$8,800
010	Five Year Review - Years 10,15,20,25 & 30			10 - 30	1	EA	5,500	\$5,500
100	Four to Five Year UXO Construction Support	ort		5 - 30	0	EA	24,072	\$0
FS	ENT VALUE ANALYSIS:							
0	EII. FALUE AIRE I UIU.				Total	Total Cost	Discount	Present
	Cost Type			<u>Year</u>	Cost	Per Year	Factor (%)	<u>Value</u>
	Capital Cost			0	\$16,154,933	\$16,154,933	1	\$16,154,93
	Periodic Cost			5	\$10,065	\$10,065	0.854	\$8,596
	Periodic Cost			10	\$6,765	\$6,765	0.737	\$4,986
	Periodic Cost			15	\$6,765	\$6,765	0.633	\$4,282
	Periodic Cost			20	\$6,765	\$6,765	0.543	\$3,673
	Periodic Cost			25	\$6,765	\$6,765	0.467	\$3,159
	Periodic Cost			30	\$6,765	\$6,765	0.400	\$2,706
	Periodic Cost			30	\$6,765 \$16,198,823	\$6,765	0.400	\$2,706 \$16,182,33

AC = acres, EA = each, LS = lump sum, N/A = not applicable, WK = week

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Ricochet Area MRS Alternative No: 4

Focused Surface Removal (1,334 Acres) and Subsurface Removal (11 acres) of MEC with Containment and Controls

Interest	Bid				Team				
Description QTY	ltem						Duration	Weekly Cost	
1310 Explosive Safety Submission 1,00 LS N/A N/A N/A 38,500 Sate 300 Mobilization 1,00 LS N/A N/A N/A 53,171 S53,300 Mobilization 1,00 WK 1,0 1,0 1,4 19,576 3280, 3280, 3280 Site Management 1,30 WK 1,0 1,0 1,4 19,576 3280, 3280, 3280 Site Management 1,30 WK 1,0 1,0 1,4 19,576 3280, 3280, 3280 Site Management 1,3340 AC 3,0 3,0 3,0 30 113,379 33,381 MICC Surface Removal Debetion Depth (M&D) 0,00 AC 2,0 3,0 0,0 114,534 80 MICC Removal to Detection Depth (M&D) 0,00 AC 2,0 3,0 0,0 114,534 80 MICC Surface Depth (M&D) 0,00 AC 2,0 1,0 1,1 18,136 Site Geophysical Data Analysis 11,00 AC 1,0 1,0 2,2 19,944 54,38 MicC Disposal Data Analysis 11,00 AC 1,00 1,0 2,2 43,525 S75,530 MICC Disposal 34,32 EA 0,5 1,0 1,0 2,2 43,525 S75,530 MICC Disposal 34,32 EA 0,5 1,0 3,3 34,195 311,55 S176,530 MICC Disposal 48,00 EA 0,1 1,0 1,1 38,308 S39,4 MICC Disposal 48,00 EA 0,1 1,0 1,1 38,308 S39,4 MICC Disposal 48,00 EA 0,1 1,0 1,1 38,308 S39,4 MICC Disposal 48,00 EA 0,1 1,0 1,1 38,308 S39,4 MICC Disposal 48,00 EA 0,1 1,0 1,1 38,308 S39,4 MICC Disposal 48,00 EA 0,1 1,0 1,1 38,308 S39,4 MICC Disposal 48,00 EA 0,1 1,0 1,1 38,308 S39,4 MICC Disposal 48,00 EA 0,1 1,0 1,1 38,308 S39,4 MICC Disposal 48,00 EA 0,1 1,0 1,1 38,308 S39,4 MICC DIsposal 48,00 EA 0,1 1,0 1,1 38,308 S39,4 MICC DIsposal 48,00 EA 0,1 1,0 1,1 38,308 S39,4 MICC DIsposal 48,00 EA 0,1 1,0	No.	<u>Description</u>	<u>QTY</u>	<u>Unit</u>		# Teams		•	<u>Total</u>
State Submission 1.00	0100	Work Plans	1.00	LS	N/A	N/A	N/A	99,000	\$99,000
Mode Management 1.00	0110	Explosive Safety Submission				N/A	N/A		\$38,500
100 100 14 19.576 2200. 227 14.889 3397.	0200	•	1.00				N/A		\$53,171
13310 Survey/Positioning	0300	Site Management			1.0	1.0			\$280,579
133.40 AC 3.0 1.0 9 10,004 \$88.5	310	•	1,334.00	AC	5.0	2.0			\$397,257
MBC Surface Removal 1,334,00	320		133.40	AC	3.0	1.0	9		\$88,969
MEC Removal to Detection Depth (M&D)		•	1,334.00				30		\$3,361,054
	410	MEC Removal to Detection Depth (M&D)							\$0
430 Geophysical Data Analysis	420	• • •	11.00	AC	1.0	1.0	2.2		\$43,812
Anomaly Reacquisition	430		11.00	AC	2.0	1.0	1.1		\$19,950
MEC Subsurface Removal (DGM)		, ,			100.0	1.0	2.2		\$10,411
Marc Disposal 34.32									\$75,955
Strap Disposal 46.00 EA 0.1 1.0 1 17,877 \$16.16	500	` ,				1.0			\$117,356
Section 16.31 AC 3.0 1.0 1 36,308 \$39.4610 Demobilization 1.00 LS N/A N/A N/A 12,925 \$12.870 Final Report 1.00 LS N/A N/A N/A N/A 77,000 \$77.0800 Containment and Controls 1.00 LS N/A N/A N/A N/A 42,350 \$42.35 \$42.35 \$30.837 \$20.837									\$16,180
Berno Demobilization	600	• •	16.31	AC	3.0	1.0	1		\$39,479
Final Report 1.00 LS N/A N/A N/A 77,000 \$77,00	610				N/A		N/A		\$12,925
Sub-Total	700					N/A			\$77,000
Sub-Total Sub-	008		1.00		N/A	N/A	N/A		\$42,350
Sub-Total S5,490		Sub-Total						_	\$4,773,946
Infrastructure Improvements		Contingency	15%						\$716,092
Project Management 5% \$274.1		Sub-Total							\$5,490,038
Project Management 5% \$274.1		Infrastructure Improvements	2%						\$109,801
Remedial Design		•	5%						\$274,502
Construction Management 6% \$329, Total Capital Cost \$56,642 \$56,642 \$56,642 \$56,642 \$56,642 \$56,642 \$56,642 \$56,642 \$56,642 \$56,642 \$56,642 \$56,642 \$56,642 \$56,642 \$56,642 \$56,642 \$56,642 \$56,642 \$56,642 \$56,000 \$56,			8%						\$439,203
Total Capital Cost S6,642		•	6%						\$329,402
Description Year QTY Unit Unit Cost Total		Total Capital Cost						Г	\$6,642,946
Description Year QTY Unit Unit Cost Total		·							, , , , , , , , , , , , , , , , , , , ,
Five Year Review - First Review 5 1 EA 8,800 \$8,8 010 Five Year Review - Years 10,15,20,25 & 30 10 - 30 1 EA 5,500 \$5,51 100 Four to Five Year UXO Construction Support 5 - 30 1 EA 24,072 \$24,0 RESENT VALUE ANALYSIS: Total Total Cost Discount Press Cost Type Year Cost Per Year Factor (%) Value Capital Cost Periodic Cost 0 \$6,642,946 1 \$6,642 Periodic Cost Periodic Cost 5 \$34,137 \$34,137 0.854 \$29,1 Periodic Cost Periodic Cost 10 \$30,837 \$30,837 0.633 \$19,5 Periodic Cost Periodic Cost 20 \$30,837 \$30,837 0.543 \$16,7 Periodic Cost Periodic Cost 25 \$30,837 \$30,837 0.467 \$14,4 Periodic Cost 30 \$30,837 \$30,837 0.400 \$12,3	=KIC				<u>Year</u>	<u>QTY</u>	<u>Unit</u>	Unit Cost	<u>Total</u>
Five Year Review - First Review 5 1 EA 8,800 \$8,8 600 Five Year Review - Years 10,15,20,25 & 30 10 - 30 1 EA 5,500 \$5,51 RESENT VALUE ANALYSIS: Total Total Cost Discount Presentation Support Per Year Per Year Factor (%) Value	മറ	Containment and Controls - Annual Cost			5 - 30	1	IS	1 265	\$1 265
Five Year Review - Years 10,15,20,25 & 30 10 - 30 1 EA 5,500 \$5,500 \$5,500 \$5,500 \$5,500 \$6,500 \$6,600 \$6						1			\$8,800
Four to Five Year UXO Construction Support 5 - 30 1 EA 24,072 \$2)			1			\$5,500 \$5,500
Cost Type Year Total Cost Per Year Discount Factor (%) Presentation Capital Cost Periodic Peri						1			\$24,072
Cost Type Year Cost Per Year Factor (%) Value Capital Cost 0 \$6,642,946 \$6,642,946 1 \$6,642 Periodic Cost 5 \$34,137 \$34,137 0.854 \$29,1 Periodic Cost 10 \$30,837 \$30,837 0.737 \$22,7 Periodic Cost 15 \$30,837 \$30,837 0.633 \$19,5 Periodic Cost 20 \$30,837 \$30,837 0.543 \$16,7 Periodic Cost 25 \$30,837 \$30,837 0.467 \$14,4 Periodic Cost 30 \$30,837 \$30,837 0.400 \$12,3	— ≀ES	ENT VALUE ANALYSIS:							
Capital Cost 0 \$6,642,946 \$6,642,946 1 \$6,642 Periodic Cost 5 \$34,137 \$34,137 0.854 \$29,1 Periodic Cost 10 \$30,837 \$30,837 0.737 \$22,7 Periodic Cost 15 \$30,837 \$30,837 0.633 \$19,5 Periodic Cost 20 \$30,837 \$30,837 0.543 \$16,7 Periodic Cost 25 \$30,837 \$30,837 0.467 \$14,4 Periodic Cost 30 \$30,837 \$30,837 0.400 \$12,3									Present
Periodic Cost 5 \$34,137 \$34,137 0.854 \$29,1 Periodic Cost 10 \$30,837 \$30,837 0.737 \$22,7 Periodic Cost 15 \$30,837 \$30,837 0.633 \$19,5 Periodic Cost 20 \$30,837 \$30,837 0.543 \$16,7 Periodic Cost 25 \$30,837 \$30,837 0.467 \$14,4 Periodic Cost 30 \$30,837 \$30,837 0.400 \$12,3		<u>Cost Type</u>			<u>Year</u>	<u>Cost</u>	<u>Per Year</u>	Factor (%)	<u>Value</u>
Periodic Cost 10 \$30,837 \$30,837 0.737 \$22,7 Periodic Cost 15 \$30,837 \$30,837 0.633 \$19,5 Periodic Cost 20 \$30,837 \$30,837 0.543 \$16,7 Periodic Cost 25 \$30,837 \$30,837 0.467 \$14,4 Periodic Cost 30 \$30,837 \$30,837 0.400 \$12,3		Capital Coat			0	\$6,642,946	\$6,642,946	1	\$6,642,946
Periodic Cost 15 \$30,837 \$30,837 0.633 \$19,5 Periodic Cost 20 \$30,837 \$30,837 0.543 \$16,7 Periodic Cost 25 \$30,837 \$30,837 0.467 \$14,4 Periodic Cost 30 \$30,837 \$30,837 0.400 \$12,3		Capital Cost			5	\$34,137	\$34,137	0.854	\$29,153
Periodic Cost 20 \$30,837 \$30,837 0.543 \$16,7 Periodic Cost 25 \$30,837 \$30,837 0.467 \$14,4 Periodic Cost 30 \$30,837 \$30,837 0.400 \$12,3		•							\$00.707
Periodic Cost 25 \$30,837 \$30,837 0.467 \$14,4 Periodic Cost 30 \$30,837 \$30,837 0.400 \$12,3		Periodic Cost				\$30,837	\$30,837	0.737	\$22,727
Periodic Cost 30 \$30,837 \$30,837 0.400 \$12,3		Periodic Cost Periodic Cost			10				\$22,727 \$19,520
		Periodic Cost Periodic Cost Periodic Cost			10 15	\$30,837	\$30,837	0.633	
\$6.831.269 \$6.757		Periodic Cost Periodic Cost Periodic Cost Periodic Cost			10 15 20	\$30,837 \$30,837	\$30,837 \$30,837	0.633 0.543	\$19,520
Ψο,ιοι.		Periodic Cost Periodic Cost Periodic Cost Periodic Cost Periodic Cost Periodic Cost			10 15 20 25	\$30,837 \$30,837 \$30,837	\$30,837 \$30,837 \$30,837	0.633 0.543 0.467	\$19,520 \$16,745

AC = acres, EA = each, LS = lump sum, N/A = not applicable, WK = week

Ricochet Area MRS **Alternative No: 5** Subsurface Removal of MEC to Instrument Detection Depth with Containment and Controls

Bid				Team				
tem				Production		Duration	Weekly Cost	
No.	<u>Description</u>	<u>QTY</u>	<u>Unit</u>	(Units/Day)	# Teams	(Weeks)	Per Team	<u>Total</u>
100 V	Vork Plans	1.00	LS	N/A	N/A	N/A	99,000	\$99,000
110 E	Explosive Safety Submission	1.00	LS	N/A	N/A	N/A	38,500	\$38,500
	Mobilization	1.00	LS	N/A	N/A	N/A	53,171	\$53,171
300 S	Site Management	1.00	WK	1.0	1.0	149	19,576	\$2,910,716
310 S	Survey/Positioning	3,250.00	AC	5.0	2.0	65	14,890	\$967,830
320 E	Brush Clearing	325.00	AC	3.0	1.0	22	10,004	\$216,753
	MEC Surface Removal	0.00	AC	0.0	0.0	0	37,793	\$0
110 N	MEC Removal to Detection Depth (M&D)	3,250.00	AC	2.0	3.0	108	114,534	\$12,407,83
120 C	Digital Geophysical Mapping	11.00	AC	0.0	0.0	0.0	19,914	\$0
130 C	Geophysical Data Analysis	11.00	AC	0.0	0.0	0.0	18,136	\$0
	Anomaly Reacquisition	11.00	AC	0.0	0.0	0.0	4,732	\$0
150 N	MEC Subsurface Removal (DGM)	11.00	AC	0.0	0.0	0.0	34,525	\$0
500 N	MEC Disposal	52.00	EA	0.8	2.0	16	34,195	\$533,439
	Scrap Disposal	46.00	EA	0.1	1.0	1	17,587	\$16,180
	Site Restoration	32.50	AC	3.0	1.0	2	36,308	\$78,667
310 C	Demobilization	1.00	LS	N/A	N/A	N/A	12,925	\$12,925
	Final Report	1.00	LS	N/A	N/A	N/A	77,000	\$77,000
300 C	Containment and Controls	1.00	LS	N/A	N/A	N/A	42,350	\$42,350
S	Sub-Total							\$17,454,36
C	Contingency	15%						\$2,618,15
5	Sub-Total							\$20,072,52
lı	nfrastructure Improvements	2%						\$401,450
	Project Management	5%						\$1,003,626
	Remedial Design	8%						\$1,605,802
	Construction Management	6%						\$1,204,35
	Total Capital Cost						Г	
	Total Capital Cost							\$24,287,75
RIOD	DIC COST:							
	<u>Description</u>			<u>Year</u>	<u>QTY</u>	<u>Unit</u>	<u>Unit Cost</u>	<u>Total</u>
	Containment and Controls - Annual Cost			5 - 30	1	LS	1,265	\$1,265
	Five Year Review - First Review			5	1	EA	8,800	\$8,800
010 F	Five Year Review - Years 10,15,20,25 & 30)		10 - 30	1	EA	5,500	\$5,500
100 F	Four to Five Year UXO Construction Support	ort		5 - 30	0	EA	24,072	\$0
ESEN	NT VALUE ANALYSIS:							
	-				Total	Total Cost	Discount	Present
	Cost Type			<u>Year</u>	<u>Cost</u>	Per Year	Factor (%)	<u>Value</u>
C	Capital Cost			0	\$24,287,753	\$24,287,753	1	\$24,287,75
F	Periodic Cost			5	\$10,065	\$10,065	0.854	\$8,596
F	Periodic Cost			10	\$6,765	\$6,765	0.737	\$4,986
	Periodic Cost			15	\$6,765	\$6,765	0.633	\$4,282
	Periodic Cost			20	\$6,765	\$6,765	0.543	\$3,673
F				25	\$6,765	\$6,765	0.467	\$3,159
	Periodic Cost							
F	Periodic Cost Periodic Cost			30				
F	Periodic Cost Periodic Cost				\$6,765 \$24,331,643	\$6,765	0.400	\$2,706 \$24,315,15

AC = acres, EA = each, LS = lump sum, N/A = not applicable, WK = week

Contract No.: W9133L-09-F-0304
Project No.: 12767.099.001
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Ricochet Area M	MRS FS Cost Estimate				НО	Field							Total		Total
4.0T.ID	WORK RECORDED ON		.,	D	Straight	Straight	TD 41/51	FOLUD	OLUDO.	11.170	EVTO	SUBTOTAL		Subtotal +	
ACT ID	WORK DESCRIPTION	qty	unit	Raw \$ per	LABOR \$	LABOR \$	TRAVEL	EQUIP	SUBS	INTS	EXTS	COST	Raw	10%	Effort
0100	Work Plans	(incl	draft d	Iraft-final, & fin	nal)								\$90,000.00		\$99,000.00
0100	WP/APP/SSHP & GSV	-			iui)				\$90,000.00			\$90,000.00	\$30,000.00	\$99,000.00	400,000.00
				,					· <i>,</i>			. ,		, ,	
0440	Fundantura Outro Outro instant	<i>(</i> 1	.l61 .l		N								\$25,000,00		#00 500 00
0110	Explosives Safety Submission Explosives Safety Submission	-			iai)				\$35,000.00			\$35,000.00	\$35,000.00	\$38,500.00	\$38,500.00
	Explosives Salety Submission	ı	LO	35,000.00					\$33,000.00			φ35,000.00		φ36,500.00	
	A. 1.99 - 41	/4 LIV			401								***		AFO 4 7 4 40
0200	UXO Tech II (6 ea) (ST)	-		33.21	10nrs demob, mo	\$1,992.65	e Management S	tatt [40nrs mob, s	site prep, demob, m	lob per alem])		\$1,992.65	\$31,029.31	\$3,985.30	\$53,171.13
	UXO Tech II (6 ea) (OT)			49.82		\$2,988.97						\$2,988.97		\$5,977.94	
	UXO Tech III (ST)			39.11		\$391.08						\$391.08		\$782.15	
	UXO Tech III (OT)			58.66		\$586.61						\$586.61		\$1,173.23	
	UXOSO/QCS (ST)			40.11		\$3,208.61						ψοσο.σ :		\$6,417.22	
	UXOSO/QCS (OT)			60.16		\$1,203.23								\$2,406.46	
	SUXOS (ST)			44.11		\$1,764.30								\$3,528.61	
	SUXOS (OT)			66.16		\$661.61								\$1,323.23	
	Sub: Mob Misc Equipment		EA	500.00		********			\$2,500.00			\$2,500.00		\$2,750.00	
	Misc ODCs			100.00					* =,======		\$1,000.00	\$1,000.00		\$1,100.00	
	Equip & Supplies		LS	1,000.00							\$2,000.00	\$2,000.00		\$2,200.00	
	Pickup Truck 4x4 w/FOG (2 ea)			80.00				\$1,120.00			+ =,=====	\$1,120.00		\$1,232.00	
							CO 450 00	ψ.,.20.00				\$9,450.00		\$10,395.00	
	Per Diem	63	צע	150.00			39.430.00								
	Per Diem Mob Allowance per Person		EA	150.00 1,000.00			\$9,450.00				\$9,000.00	\$9,000.00		\$9,900.00	
0300	Mob Allowance per Person Site Management	9 (5-10	EA nr days	1,000.00	7 dys/wk)	\$1 604 30	\$9,450.00				\$9,000.00	\$9,000.00	\$12,305.84	\$9,900.00	\$19,576.17
0300	Mob Allowance per Person Site Management UXOSO (ST)	9 (5-10) 40	EA nr days HR	1,000.00 s, per diem @ 7 40.11	7 dys/wk)	\$1,604.30 \$601.61	\$9,430.00				\$9,000.00	\$9,000.00 \$1,604.30	\$12,305.84	\$9,900.00 \$3,208.61	\$19,576.17
0300	Site Management UXOSO (ST) UXOSO (OT)	9 (5-10) 40 10	eA nr days HR HR	1,000.00 5, per diem @ 7 40.11 60.16	7 dys/wk)	\$601.61	\$9,430.00				\$9,000.00	\$9,000.00 \$1,604.30 \$601.61	\$12,305.84	\$9,900.00 \$3,208.61 \$1,203.23	\$19,576.17
0300	Site Management UXOSO (ST) UXOSO (OT) UXOQCS (ST)	9 (5-10) 40 10 40	ea nr days HR HR HR	1,000.00 5, per diem @ 7 40.11 60.16 37.80	7 dys/wk)	\$601.61 \$1,512.00	\$9,430.00				\$9,000.00	\$9,000.00 \$1,604.30 \$601.61 \$1,512.00	\$12,305.84	\$9,900.00 \$3,208.61 \$1,203.23 \$3,024.00	\$19,576.17
0300	Site Management UXOSO (ST) UXOSO (OT) UXOQCS (ST) UXOQCS (OT)	9 (5-10) 40 10 40 10	HR HR HR HR	1,000.00 5, per diem @ 7 40.11 60.16 37.80 56.70	7 dys/wk)	\$601.61 \$1,512.00 \$567.00	\$9,430.00				\$9,000.00	\$9,000.00 \$1,604.30 \$601.61 \$1,512.00 \$567.00	\$12,305.84	\$9,900.00 \$3,208.61 \$1,203.23 \$3,024.00 \$1,134.00	\$19,576.17
0300	Site Management UXOSO (ST) UXOSO (OT) UXOQCS (ST) UXOQCS (OT) SUXOS (ST)	9 (5-10) 40 10 40 10 40	HR HR HR HR HR	1,000.00 5, per diem @ 7 40.11 60.16 37.80 56.70 44.11	7 dys/wk)	\$601.61 \$1,512.00 \$567.00 \$1,764.30	\$9,430.00				\$9,000.00	\$9,000.00 \$1,604.30 \$601.61 \$1,512.00 \$567.00 \$1,764.30	\$12,305.84	\$9,900.00 \$3,208.61 \$1,203.23 \$3,024.00 \$1,134.00 \$3,528.61	\$19,576.17
0300	Site Management UXOSO (ST) UXOSO (OT) UXOQCS (ST) UXOQCS (OT)	9 (5-10) 40 10 40 10 40 10	HR HR HR HR HR HR	1,000.00 5, per diem @ 7 40.11 60.16 37.80 56.70 44.11 66.16	7 dys/wk)	\$601.61 \$1,512.00 \$567.00	\$9,430.00	\$50.00			\$9,000.00	\$9,000.00 \$1,604.30 \$601.61 \$1,512.00 \$567.00 \$1,764.30 \$661.61	\$12,305.84	\$3,208.61 \$1,203.23 \$3,024.00 \$1,134.00 \$3,528.61 \$1,323.23	\$19,576.17
0300	Site Management UXOSO (ST) UXOSO (OT) UXOQCS (ST) UXOQCS (OT) UXOQCS (OT) SUXOS (ST) SUXOS (OT)	9 (5-10) 40 10 40 10 40 10 5	HR HR HR HR HR	1,000.00 5, per diem @ 7 40.11 60.16 37.80 56.70 44.11	7 dys/wk)	\$601.61 \$1,512.00 \$567.00 \$1,764.30	\$9,430.00	\$50.00 \$25.00			\$9,000.00	\$9,000.00 \$1,604.30 \$601.61 \$1,512.00 \$567.00 \$1,764.30	\$12,305.84	\$9,900.00 \$3,208.61 \$1,203.23 \$3,024.00 \$1,134.00 \$3,528.61	\$19,576.17
0300	Site Management UXOSO (ST) UXOSO (OT) UXOQCS (ST) UXOQCS (OT) SUXOS (ST) SUXOS (OT) Computer	9 (5-10) 40 10 40 10 40 10 5	HR HR HR HR HR HR HR	1,000.00 5, per diem @ 7 40.11 60.16 37.80 56.70 44.11 66.16 10.00	7 dys/wk)	\$601.61 \$1,512.00 \$567.00 \$1,764.30	\$9,430.00				\$9,000.00	\$9,000.00 \$1,604.30 \$601.61 \$1,512.00 \$567.00 \$1,764.30 \$661.61 \$50.00	\$12,305.84	\$3,208.61 \$1,203.23 \$3,024.00 \$1,134.00 \$3,528.61 \$1,323.23 \$55.00	\$19,576.17
0300	Site Management UXOSO (ST) UXOSO (OT) UXOQCS (ST) UXOQCS (OT) SUXOS (ST) SUXOS (OT) Computer Copier/Fax	9 (5-10) 40 10 40 10 40 10 5 5	HR HR HR HR HR DY DY	1,000.00 5, per diem @ 7 40.11 60.16 37.80 56.70 44.11 66.16 10.00 5.00	7 dys/wk)	\$601.61 \$1,512.00 \$567.00 \$1,764.30	\$9,430.00	\$25.00	\$25.00		\$9,000.00	\$9,000.00 \$1,604.30 \$601.61 \$1,512.00 \$567.00 \$1,764.30 \$661.61 \$50.00 \$25.00	\$12,305.84	\$9,900.00 \$3,208.61 \$1,203.23 \$3,024.00 \$1,134.00 \$3,528.61 \$1,323.23 \$55.00 \$27.50	\$19,576.17
0300	Site Management UXOSO (ST) UXOSO (OT) UXOQCS (ST) UXOQCS (OT) SUXOS (ST) SUXOS (OT) Computer Copier/Fax Printer	9 (5-10) 40 10 40 10 40 10 5 5 5	HR HR HR HR DY DY	1,000.00 5, per diem @ 7 40.11 60.16 37.80 56.70 44.11 66.16 10.00 5.00 10.00	7 dys/wk)	\$601.61 \$1,512.00 \$567.00 \$1,764.30	\$9,430.00	\$25.00	\$25.00		\$9,000.00	\$9,000.00 \$1,604.30 \$601.61 \$1,512.00 \$567.00 \$1,764.30 \$661.61 \$50.00 \$25.00 \$50.00	\$12,305.84	\$9,900.00 \$3,208.61 \$1,203.23 \$3,024.00 \$1,134.00 \$3,528.61 \$1,323.23 \$55.00 \$27.50 \$55.00	\$19,576.17
0300	Site Management UXOSO (ST) UXOSO (OT) UXOQCS (ST) UXOQCS (OT) UXOQCS (OT) SUXOS (OT) SUXOS (OT) Computer Copier/Fax Printer Internet Service	9 (5-10) 40 10 40 10 5 5 5 5	HR HR HR HR DY DY DY	1,000.00 5, per diem @ 7 40.11 60.16 37.80 56.70 44.11 66.16 10.00 5.00 10.00 5.00	7 dys/wk)	\$601.61 \$1,512.00 \$567.00 \$1,764.30	\$9,430.00	\$25.00 \$50.00	\$25.00		\$9,000.00	\$9,000.00 \$1,604.30 \$601.61 \$1,512.00 \$567.00 \$1,764.30 \$661.61 \$50.00 \$25.00 \$25.00	\$12,305.84	\$9,900.00 \$3,208.61 \$1,203.23 \$3,024.00 \$1,134.00 \$3,528.61 \$1,323.23 \$55.00 \$27.50 \$55.00 \$27.50	\$19,576.17
0300	Site Management UXOSO (ST) UXOSO (OT) UXOQCS (ST) UXOQCS (OT) SUXOS (OT) SUXOS (OT) Computer Copier/Fax Printer Internet Service Generator w/FOG	9 (5-10) 40 10 40 10 5 5 5 5 5	HR HR HR HR DY DY DY DY	1,000.00 5, per diem @ 7 40.11 60.16 37.80 56.70 44.11 66.16 10.00 5.00 10.00 5.00 40.00	7 dys/wk)	\$601.61 \$1,512.00 \$567.00 \$1,764.30	\$9,430.00	\$25.00 \$50.00 \$200.00	\$25.00		\$9,000.00	\$9,000.00 \$1,604.30 \$601.61 \$1,512.00 \$567.00 \$1,764.30 \$661.61 \$50.00 \$25.00 \$25.00 \$25.00	\$12,305.84	\$9,900.00 \$3,208.61 \$1,203.23 \$3,024.00 \$1,134.00 \$3,528.61 \$1,323.23 \$55.00 \$27.50 \$27.50 \$27.50 \$220.00	\$19,576.17
0300	Site Management UXOSO (ST) UXOSO (OT) UXOQCS (ST) UXOQCS (OT) SUXOS (ST) SUXOS (OT) Computer Copier/Fax Printer Internet Service Generator w/FOG Port-a-John	9 (5-10) 40 10 40 10 5 5 5 5 5 5	HR HR HR HR DY DY DY DY DY DY	1,000.00 5, per diem @ 7 40.11 60.16 37.80 56.70 44.11 66.16 10.00 5.00 10.00 40.00 10.00	7 dys/wk)	\$601.61 \$1,512.00 \$567.00 \$1,764.30	\$9,430.00	\$25.00 \$50.00 \$200.00 \$50.00	\$25.00		\$9,000.00	\$9,000.00 \$1,604.30 \$601.61 \$1,512.00 \$567.00 \$1,764.30 \$661.61 \$50.00 \$25.00 \$25.00 \$200.00 \$50.00	\$12,305.84	\$9,900.00 \$3,208.61 \$1,203.23 \$3,024.00 \$1,134.00 \$3,528.61 \$1,323.23 \$55.00 \$27.50 \$25.00 \$27.50 \$220.00 \$55.00	\$19,576.17
0300	Site Management UXOSO (ST) UXOSO (OT) UXOQCS (ST) UXOQCS (OT) SUXOS (ST) SUXOS (OT) SUXOS (OT) Computer Copier/Fax Printer Internet Service Generator w/FOG Port-a-John Storm Detector	9 (5-10) 40 10 40 10 5 5 5 5 5 5	HR HR HR DY DY DY DY DY DY DY DY	1,000.00 5, per diem @ 7 40.11 60.16 37.80 56.70 44.11 66.16 10.00 5.00 10.00 5.00 40.00 10.00 80.00	7 dys/wk)	\$601.61 \$1,512.00 \$567.00 \$1,764.30	\$9,430.00	\$25.00 \$50.00 \$200.00 \$50.00 \$400.00	\$25.00		\$9,000.00	\$9,000.00 \$1,604.30 \$601.61 \$1,512.00 \$567.00 \$1,764.30 \$661.61 \$50.00 \$25.00 \$25.00 \$25.00 \$200.00 \$400.00	\$12,305.84	\$9,900.00 \$3,208.61 \$1,203.23 \$3,024.00 \$1,134.00 \$3,528.61 \$1,323.23 \$55.00 \$27.50 \$55.00 \$27.50 \$220.00 \$440.00	\$19,576.17
0300	Site Management UXOSO (ST) UXOSO (OT) UXOQCS (ST) UXOQCS (ST) UXOQCS (OT) SUXOS (OT) SUXOS (OT) Computer Copier/Fax Printer Internet Service Generator w/FOG Port-a-John Storm Detector Pickup Truck 4x4 w/FOG (2 ea) SUV 4x4 w/FOG Storage Box (CONEX)	9 (5-10) 40 10 40 10 5 5 5 5 14 7 7	HR HR HR DY DY DY DY DY DY DY DY	1,000.00 5, per diem @ 7 40.11 60.16 37.80 56.70 44.11 66.16 10.00 5.00 10.00 5.00 40.00 10.00 80.00 80.00	7 dys/wk)	\$601.61 \$1,512.00 \$567.00 \$1,764.30	\$9,430.00	\$25.00 \$50.00 \$200.00 \$50.00 \$400.00 \$1,120.00	\$25.00		\$9,000.00	\$9,000.00 \$1,604.30 \$601.61 \$1,512.00 \$567.00 \$1,764.30 \$661.61 \$50.00 \$25.00 \$25.00 \$25.00 \$200.00 \$400.00 \$1,120.00	\$12,305.84	\$9,900.00 \$3,208.61 \$1,203.23 \$3,024.00 \$1,134.00 \$3,528.61 \$1,323.23 \$55.00 \$27.50 \$220.00 \$55.00 \$440.00 \$1,232.00	\$19,576.17
0300	Site Management UXOSO (ST) UXOSO (OT) UXOQCS (ST) UXOQCS (OT) SUXOS (OT) SUXOS (OT) SUXOS (OT) Computer Copier/Fax Printer Internet Service Generator w/FOG Port-a-John Storm Detector Pickup Truck 4x4 w/FOG (2 ea) SUV 4x4 w/FOG Storage Box (CONEX) Consumable Supplies	9 (5-10) 40 10 40 10 5 5 5 5 14 7 7 5	HR HR HR HR DY	1,000.00 5, per diem @ 7 40.11 60.16 37.80 56.70 44.11 66.16 10.00 5.00 10.00 5.00 40.00 10.00 80.00 80.00 90.00	7 dys/wk)	\$601.61 \$1,512.00 \$567.00 \$1,764.30	\$9,430.00	\$25.00 \$50.00 \$200.00 \$50.00 \$400.00 \$1,120.00 \$630.00	\$25.00		\$9,000.00 \$250.00	\$9,000.00 \$1,604.30 \$601.61 \$1,512.00 \$567.00 \$1,764.30 \$661.61 \$50.00 \$25.00 \$25.00 \$25.00 \$200.00 \$400.00 \$1,120.00 \$630.00	\$12,305.84	\$9,900.00 \$3,208.61 \$1,203.23 \$3,024.00 \$1,134.00 \$3,528.61 \$1,323.23 \$55.00 \$27.50 \$27.50 \$220.00 \$55.00 \$440.00 \$1,232.00 \$693.00	\$19,576.17
0300	Site Management UXOSO (ST) UXOSO (OT) UXOQCS (ST) UXOQCS (ST) UXOQCS (OT) SUXOS (OT) SUXOS (OT) SUXOS (OT) Computer Copier/Fax Printer Internet Service Generator w/FOG Port-a-John Storm Detector Pickup Truck 4x4 w/FOG (2 ea) SUV 4x4 w/FOG Storage Box (CONEX) Consumable Supplies Cell Phone	9 (5-10) 40 10 40 10 5 5 5 5 14 7 7 5 5	HR HR HR HR DY	1,000.00 5, per diem @ 7 40.11 60.16 37.80 56.70 44.11 66.16 10.00 5.00 10.00 5.00 40.00 10.00 80.00 80.00 90.00 15.00	7 dys/wk)	\$601.61 \$1,512.00 \$567.00 \$1,764.30	\$9,430.00	\$25.00 \$50.00 \$200.00 \$50.00 \$400.00 \$1,120.00 \$630.00	\$25.00			\$9,000.00 \$1,604.30 \$601.61 \$1,512.00 \$567.00 \$1,764.30 \$661.61 \$50.00 \$25.00 \$200.00 \$25.00 \$200.00 \$400.00 \$1,120.00 \$630.00 \$105.00	\$12,305.84	\$9,900.00 \$3,208.61 \$1,203.23 \$3,024.00 \$1,134.00 \$3,528.61 \$1,323.23 \$55.00 \$27.50 \$55.00 \$220.00 \$55.00 \$440.00 \$1,232.00 \$693.00 \$115.50 \$275.00 \$275.00	\$19,576.17
0300	Site Management UXOSO (ST) UXOSO (OT) UXOQCS (ST) UXOQCS (ST) UXOQCS (OT) SUXOS (OT) SUXOS (OT) Computer Copier/Fax Printer Internet Service Generator w/FOG Port-a-John Storm Detector Pickup Truck 4x4 w/FOG (2 ea) SUV 4x4 w/FOG Storage Box (CONEX) Consumable Supplies Cell Phone Project Phone Service	9 (5-10) 40 10 40 10 5 5 5 5 14 7 7 5 5	HR HR HR HR DY	1,000.00 40.11 60.16 37.80 56.70 44.11 66.16 10.00 5.00 10.00 40.00 10.00 80.00 80.00 90.00 15.00 50.00	7 dys/wk)	\$601.61 \$1,512.00 \$567.00 \$1,764.30	\$9,430.00	\$25.00 \$50.00 \$200.00 \$50.00 \$400.00 \$1,120.00 \$630.00	\$25.00		\$250.00	\$9,000.00 \$1,604.30 \$601.61 \$1,512.00 \$567.00 \$1,764.30 \$661.61 \$50.00 \$25.00 \$25.00 \$200.00 \$400.00 \$1,120.00 \$630.00 \$105.00 \$250.00	\$12,305.84	\$9,900.00 \$3,208.61 \$1,203.23 \$3,024.00 \$1,134.00 \$3,528.61 \$1,323.23 \$55.00 \$27.50 \$220.00 \$55.00 \$440.00 \$1,232.00 \$693.00 \$115.50 \$275.00 \$275.00 \$275.00	\$19,576.17
0300	Site Management UXOSO (ST) UXOSO (OT) UXOQCS (ST) UXOQCS (OT) SUXOS (OT) SUXOS (OT) SUXOS (OT) Computer Copier/Fax Printer Internet Service Generator w/FOG Port-a-John Storm Detector Pickup Truck 4x4 w/FOG (2 ea) SUV 4x4 w/FOG Storage Box (CONEX) Consumable Supplies Cell Phone Project Phone Service GPS - Hand Held	9 (5-10) 40 10 40 10 5 5 5 5 14 7 7 5 5 5 5	HR HR HR HR DY	1,000.00 5, per diem @ 7 40.11 60.16 37.80 56.70 44.11 66.16 10.00 5.00 10.00 5.00 40.00 10.00 80.00 80.00 90.00 15.00 50.00 10.00 50.00 50.00	7 dys/wk)	\$601.61 \$1,512.00 \$567.00 \$1,764.30	\$9,430.00	\$25.00 \$50.00 \$200.00 \$50.00 \$400.00 \$1,120.00 \$630.00	\$25.00		\$250.00 \$25.00	\$9,000.00 \$1,604.30 \$601.61 \$1,512.00 \$567.00 \$1,764.30 \$661.61 \$50.00 \$25.00 \$200.00 \$25.00 \$400.00 \$1,120.00 \$630.00 \$105.00 \$250.00 \$250.00 \$250.00 \$250.00 \$250.00 \$250.00	\$12,305.84	\$9,900.00 \$3,208.61 \$1,203.23 \$3,024.00 \$1,134.00 \$3,528.61 \$1,323.23 \$55.00 \$27.50 \$55.00 \$27.50 \$55.00 \$440.00 \$1,232.00 \$693.00 \$115.50 \$275.00 \$27.50 \$275.00 \$275.00	\$19,576.17
0300	Site Management UXOSO (ST) UXOSO (OT) UXOQCS (ST) UXOQCS (OT) SUXOS (ST) SUXOS (OT) SUXOS (OT) Computer Copier/Fax Printer Internet Service Generator w/FOG Port-a-John Storm Detector Pickup Truck 4x4 w/FOG (2 ea) SUV 4x4 w/FOG Storage Box (CONEX) Consumable Supplies Cell Phone Project Phone Service GPS - Hand Held Radios	9 (5-10) 40 10 40 10 5 5 5 5 14 7 7 5 5 7	HR HR HR HR DY	1,000.00 5, per diem @ 7 40.11 60.16 37.80 56.70 44.11 66.16 10.00 5.00 10.00 5.00 40.00 10.00 80.00 80.00 90.00 15.00 50.00 50.00 50.00 20.00	7 dys/wk)	\$601.61 \$1,512.00 \$567.00 \$1,764.30	\$9,430.00	\$25.00 \$50.00 \$200.00 \$50.00 \$400.00 \$1,120.00 \$630.00	\$25.00		\$250.00 \$25.00 \$50.00 \$250.00 \$140.00	\$9,000.00 \$1,604.30 \$601.61 \$1,512.00 \$567.00 \$1,764.30 \$661.61 \$50.00 \$25.00 \$200.00 \$25.00 \$400.00 \$1,120.00 \$630.00 \$105.00 \$250.00 \$250.00 \$250.00 \$1,120.00 \$630.00 \$1,120.00 \$630.00 \$1,120.00 \$1,120.00 \$1,120.00 \$1,120.00 \$1,120.00 \$1,120.00 \$1,120.00 \$1,120.00 \$1,120.00 \$1,120.00 \$1,120.00 \$1,120.00 \$1,120.00 \$1,120.00 \$1,120.00 \$1,120.00 \$1,120.00 \$250.00 \$250.00 \$250.00 \$250.00 \$1,120.00	\$12,305.84	\$9,900.00 \$3,208.61 \$1,203.23 \$3,024.00 \$1,134.00 \$3,528.61 \$1,323.23 \$55.00 \$27.50 \$55.00 \$27.50 \$55.00 \$440.00 \$1,232.00 \$693.00 \$115.50 \$275.00 \$275.00 \$275.00 \$275.00 \$275.00 \$275.00 \$275.00 \$275.00 \$275.00 \$275.00 \$275.00 \$154.00	\$19,576.17
0300	Site Management UXOSO (ST) UXOSO (OT) UXOQCS (ST) UXOQCS (OT) SUXOS (OT) SUXOS (OT) SUXOS (OT) Computer Copier/Fax Printer Internet Service Generator w/FOG Port-a-John Storm Detector Pickup Truck 4x4 w/FOG (2 ea) SUV 4x4 w/FOG Storage Box (CONEX) Consumable Supplies Cell Phone Project Phone Service GPS - Hand Held Radios Mechanics Tool Kit	9 (5-10) 40 10 40 10 5 5 5 5 14 7 5 5 7 5	HR HR HR HR DY	1,000.00 40.11 60.16 37.80 56.70 44.11 66.16 10.00 5.00 10.00 5.00 40.00 10.00 80.00 80.00 90.00 15.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00	7 dys/wk)	\$601.61 \$1,512.00 \$567.00 \$1,764.30	\$9,430.00	\$25.00 \$50.00 \$200.00 \$50.00 \$400.00 \$1,120.00 \$630.00	\$25.00		\$250.00 \$25.00 \$50.00 \$250.00 \$140.00 \$25.00	\$9,000.00 \$1,604.30 \$601.61 \$1,512.00 \$567.00 \$1,764.30 \$661.61 \$50.00 \$25.00 \$25.00 \$200.00 \$400.00 \$1,120.00 \$630.00 \$105.00 \$250.00 \$250.00 \$250.00 \$105.00 \$250.00 \$250.00 \$250.00 \$250.00 \$250.00 \$250.00 \$250.00 \$250.00 \$250.00 \$250.00 \$250.00 \$250.00 \$250.00 \$250.00 \$250.00	\$12,305.84	\$9,900.00 \$3,208.61 \$1,203.23 \$3,024.00 \$1,134.00 \$3,528.61 \$1,323.23 \$55.00 \$27.50 \$55.00 \$220.00 \$55.00 \$440.00 \$1,232.00 \$693.00 \$115.50 \$275.00 \$275.00 \$275.00 \$275.00 \$275.00 \$275.00 \$275.00 \$275.00 \$275.00 \$275.00 \$275.00	\$19,576.17
0300	Site Management UXOSO (ST) UXOSO (OT) UXOQCS (ST) UXOQCS (OT) SUXOS (ST) SUXOS (OT) SUXOS (OT) Computer Copier/Fax Printer Internet Service Generator w/FOG Port-a-John Storm Detector Pickup Truck 4x4 w/FOG (2 ea) SUV 4x4 w/FOG Storage Box (CONEX) Consumable Supplies Cell Phone Project Phone Service GPS - Hand Held Radios	9 (5-10) 40 10 40 10 5 5 5 14 7 7 5 5 5 5 5 5 5 5 7 5 5	HR HR HR HR DY	1,000.00 5, per diem @ 7 40.11 60.16 37.80 56.70 44.11 66.16 10.00 5.00 10.00 5.00 40.00 10.00 80.00 80.00 90.00 15.00 50.00 50.00 50.00 20.00	7 dys/wk)	\$601.61 \$1,512.00 \$567.00 \$1,764.30	\$9,430.00	\$25.00 \$50.00 \$200.00 \$50.00 \$400.00 \$1,120.00 \$630.00	\$25.00		\$250.00 \$25.00 \$50.00 \$250.00 \$140.00	\$9,000.00 \$1,604.30 \$601.61 \$1,512.00 \$567.00 \$1,764.30 \$661.61 \$50.00 \$25.00 \$200.00 \$25.00 \$400.00 \$1,120.00 \$630.00 \$105.00 \$250.00 \$250.00 \$250.00 \$1,120.00 \$630.00 \$1,120.00 \$630.00 \$1,120.00 \$1,120.00 \$1,120.00 \$1,120.00 \$1,120.00 \$1,120.00 \$1,120.00 \$1,120.00 \$1,120.00 \$1,120.00 \$1,120.00 \$1,120.00 \$1,120.00 \$1,120.00 \$1,120.00 \$1,120.00 \$1,120.00 \$250.00 \$250.00 \$250.00 \$250.00 \$1,120.00	\$12,305.84	\$9,900.00 \$3,208.61 \$1,203.23 \$3,024.00 \$1,134.00 \$3,528.61 \$1,323.23 \$55.00 \$27.50 \$55.00 \$27.50 \$55.00 \$440.00 \$1,232.00 \$693.00 \$115.50 \$275.00 \$275.00 \$275.00 \$275.00 \$275.00 \$275.00 \$275.00 \$275.00 \$275.00 \$275.00 \$275.00 \$154.00	\$19,576.17

Ricochet Area MRS	S FS Cost Estimate				НО	Field							Total		Total
ACT ID	WORK DESCRIPTION	atv	unit	Raw \$ per	Straight LABOR \$	Straight LABOR \$	TRAVEL	EQUIP	SUBS	INTS	EXTS	SUBTOTAL COST	Raw	Subtotal + 10%	Effort
AOTID	WORK BEOOK!! HOW	чу	unit	raw ψ pci	LABORT	LABOIT	TRAVEL	LQOII	0000	1110	EXTO	0001	Naw	1070	Effort
0310	Survey/Positioning	(UXO	Tech II	escort require	d for survey cre	ew, 5-10hr dys, po	er diem @ 7 dys/w	vk)					\$12,041.59		\$14,889.69
	UXO Tech II (ST)	40	HR	33.21		\$1,328.43		•				\$1,328.43		\$2,656.86	
	UXO Tech II (OT)	10	HR	49.82		\$498.16						\$498.16		\$996.32	
	Survey Sub	5	DY	1,500.00					\$7,500.00			\$7,500.00		\$8,250.00	
	SUV 4x4 w/FOG	5	DY	90.00				\$450.00				\$450.00		\$495.00	
	Surveyors Kit	5	DY	100.00				\$500.00				\$500.00		\$550.00	
	Misc Small Tools/Equip	5	DY	50.00				\$250.00				\$250.00		\$275.00	
	Computer	5	DY	10.00				\$50.00				\$50.00		\$55.00	
	Consumable Supplies	5	DY	50.00							\$250.00	\$250.00		\$275.00	
	Schonstedt	5	DY	10.00							\$50.00	\$50.00		\$55.00	
	FOG	5	GL	3.00							\$15.00	\$15.00		\$16.50	
	Radios	5	DY	20.00							\$100.00	\$100.00		\$110.00	
	Per Diem	7	DY	150.00			\$1,050.00					\$1,050.00		\$1,155.00	
0320	Brush Clearing	(5-10	hr dys,	per diem @ 7 d	lys/wk)								\$6,727.74		\$10,003.97
	UXO Tech II (ST)	40	HR	33.21		\$1,328.43						\$1,328.43		\$2,656.86	
	UXO Tech III (ST)		HR	39.11		\$1,564.30						\$1,564.30		\$3,128.61	
	Brush Cutter, Power		DY	15.00				\$75.00				\$75.00		\$82.50	
	Chain Saw		DY	15.00				\$75.00				\$75.00		\$82.50	
	Gator ATV	5	DY	40.00				\$200.00				\$200.00		\$220.00	
	FOG	50	GL	3.00							\$150.00	\$150.00		\$165.00	
	Consumable Supplies	5	DY	50.00							\$250.00	\$250.00		\$275.00	
	Misc Small Tools/Equip	5	DY	50.00				\$250.00				\$250.00		\$275.00	
	Mechanics Tool Kit		DY	5.00							\$25.00	\$25.00		\$27.50	
	Pickup Truck 4x4 w/FOG	7	DY	80.00				\$560.00				\$560.00		\$616.00	
	Radios	5	DY	20.00							\$100.00	\$100.00		\$110.00	
	Schonstedt	5	DY	10.00							\$50.00	\$50.00		\$55.00	
	Per Diem	14	DY	150.00			\$2,100.00					\$2,100.00		\$2,310.00	
0400	MEC Surface Removal	-			lys/wk)								\$23,630.48		\$37,792.96
	UXO Tech II (6 ea) (ST)			33.21		\$7,970.59						\$7,970.59		\$15,941.18	
	UXO Tech II (6 ea) (OT)			49.82		\$2,988.97						\$2,988.97		\$5,977.94	
	UXO Tech III (ST)			39.11		\$1,564.30						\$1,564.30		\$3,128.61	
	UXO Tech III (OT)			58.66		\$586.61						\$586.61		\$1,173.23	
	Pickup Truck 4x4 w/FOG (2 ea)			80.00				\$1,120.00				\$1,120.00		\$1,232.00	
	Gator ATV		DY	40.00				\$200.00				\$200.00		\$220.00	
	FOG			3.00							\$150.00	\$150.00		\$165.00	
	Consumable Supplies		DY	50.00							\$250.00	\$250.00		\$275.00	
	Schonstedt (6 ea)			10.00							\$300.00	\$300.00		\$330.00	
	GPS - Hand Held	5	DY	50.00							\$250.00	\$250.00		\$275.00	
	Hand Held PDA (2)			50.00							\$500.00	\$500.00		\$550.00	
	Radios		DY	20.00							\$100.00	\$100.00		\$110.00	
	Computer		DY	10.00				\$50.00				\$50.00		\$55.00	
	Misc. H&S Equip	5	DY	50.00				\$250.00				\$250.00		\$275.00	
	Per Diem			150.00			\$7,350.00					\$7,350.00		\$8,085.00	

Ricochet Ar	ea MRS FS Cost Estimate				НО	Field							Total		Total
ACT ID	WORK DESCRIPTION	atv	unit	Raw \$ per	Straight LABOR \$	Straight LABOR \$	TRAVEL	EQUIP	SUBS	INTS	EXTS	SUBTOTAL COST	Raw	Subtotal + 10%	Effort
		17			- ·	- ·									Elloit
0410	MEC Removal to Detection Depth (M&D)	(5-10	hr dys,	per diem @ 7 d	ys/wk)								\$23,980.48		\$38,177.96
	UXO Tech II (6 ea) (ST)			33.21		\$7,970.59						\$7,970.59		\$15,941.18	
	UXO Tech II (6 ea) (OT)			49.82		\$2,988.97						\$2,988.97		\$5,977.94	
	UXO Tech III (ST)			39.11		\$1,564.30						\$1,564.30		\$3,128.61	
	UXO Tech III (OT)			58.66		\$586.61						\$586.61		\$1,173.23	
	Pickup Truck 4x4 w/FOG (2 ea)			80.00				\$1,120.00				\$1,120.00		\$1,232.00	
	Gator ATV		DY	40.00				\$200.00			***	\$200.00		\$220.00	
	FOG			3.00							\$300.00	\$300.00		\$330.00	
	Schonstedt (6 ea)	30	DY	10.00							\$300.00	\$300.00		\$330.00	
	GPS - Hand Held Hand Held PDA	5	DY	50.00							\$250.00	\$250.00		\$275.00	
	Radios		DY DY	50.00 20.00							\$500.00 \$100.00	\$500.00 \$100.00		\$550.00 \$110.00	
	Consumable Supplies		DY	50.00							\$250.00	\$250.00		\$275.00	
	Misc. H&S Equip		DY	50.00				\$250.00			Ψ230.00	\$250.00		\$275.00	
	Excavation Tool Kit		DY	50.00				Ψ230.00			\$250.00	\$250.00		\$275.00	
	Per Diem			150.00			\$7,350.00				Ψ230.00	\$7,350.00		\$8,085.00	
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0.420	Digital Coophysical Manning (DCM)	/E 40I		nordiam @ 7 d	ve hule)								¢42.644.00		¢40.044.40
0420	Digital Geophysical Mapping (DGM) Geophysical Technician (ST)			30.24	ys/wk)	\$1,209.60						\$1,209.60	\$13,644.99	\$2,419.20	\$19,914.49
	Geophysical Technician (ST) Geophysical Technician (OT)			45.36		\$453.60						\$1,209.60 \$453.60		\$907.20	
	Site Geophysicist (ST)			35.64		\$1,425.60						\$1,425.60		\$2,851.20	
	Site Geophysicist (OT)			53.46		\$534.60						\$534.60		\$1,069.20	
	UXO Tech II (ST)			33.21		\$1,328.43						\$1,328.43		\$2,656.86	
	UXO Tech II (OT)			49.82		\$498.16						\$498.16		\$996.32	
	Computer		DY	10.00		Ψ.000		\$50.00				\$50.00		\$55.00	
	Internet Service		DY	5.00				*******	\$25.00			\$25.00		\$27.50	
	Magnetometer		DY	125.00				\$625.00	•			\$625.00		\$687.50	
	TDEM Detector		DY	125.00				\$625.00				\$625.00		\$687.50	
	Positioning	5	DY	225.00				\$1,125.00				\$1,125.00		\$1,237.50	
	Consumable Supplies		DY	50.00							\$250.00	\$250.00		\$275.00	
	Radios		DY	20.00							\$100.00	\$100.00		\$110.00	
	GPS - RTK	5	DY	225.00							\$1,125.00	\$1,125.00		\$1,237.50	
	Pickup Truck 4x4 w/FOG (2 ea)	14	DY	80.00				\$1,120.00				\$1,120.00		\$1,232.00	
	Per Diem	21	DY	150.00			\$3,150.00					\$3,150.00		\$3,465.00	
0430	Geophysical Data Analysis			per diem @ 7 d	ys/wk)								\$10,890.50		\$18,136.01
	Project Geophysicist (ST)			56.33		\$2,253.31						\$2,253.31		\$4,506.62	
	Project Geophysicist (OT)			84.50		\$844.99						\$844.99		\$1,689.98	
	Site Geophysicist (ST)			35.64		\$1,425.60						\$1,425.60		\$2,851.20	
	Site Geophysicist (OT)			53.46		\$534.60						\$534.60		\$1,069.20	
	CADD/GIS Operator (ST)			32.40		\$1,296.00						\$1,296.00		\$2,592.00	
	CADD/GIS Operator (OT)			48.60		\$486.00						\$486.00		\$972.00	
	Cell Phone		DY	5.00							\$25.00	\$25.00		\$27.50	
	Computer		DY	10.00				\$50.00	0.00			\$50.00		\$55.00	
	Internet Service		DY	5.00				#50.00	\$25.00			\$25.00		\$27.50	
	Printer		DY	10.00				\$50.00				\$50.00		\$55.00 \$405.00	
	SUV 4x4 w/FOG		DY	90.00				\$450.00			# 050.00	\$450.00		\$495.00 \$375.00	
	Consumable Supplies		DY	50.00							\$250.00	\$250.00		\$275.00	
	Project Phone Service Per Diem		DY	10.00 150.00			\$3,150.00				\$50.00	\$50.00 \$3,150.00		\$55.00 \$3,465.00	
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Ricochet Area I	MRS FS Cost Estimate				НО	Field							Total		Total
ACT ID	WORK DESCRIPTION	qty	unit	Raw \$ per	Straight LABOR \$	Straight LABOR \$	TRAVEL	EQUIP	SUBS	INTS	EXTS	SUBTOTAL COST	Raw	Subtotal + 10%	Effort
				·											
0440	Anomaly Re-Acquisition	•			dys/wk)							•	\$4,166.05		\$4,732.11
	UXO Tech II		HR	33.21		\$166.05					#250.00	\$166.05		\$332.11	
	Consumable Supplies GPS - RTK		DY DY	50.00 225.00							\$250.00 \$1,125.00	\$250.00 \$1,125.00		\$275.00 \$1,237.50	
	USRAD		DY	225.00				\$1,125.00			\$1,125.00	\$1,125.00 \$1,125.00		\$1,237.50	
	SUV 4x4 w/FOG		DY	90.00				\$450.00				\$450.00		\$495.00	
	Per Diem		DY	150.00			\$1,050.00	ψ 100100				\$1,050.00		\$1,155.00	
0450	MEC Subsurface Removal (DGM)	-	-	-	dys/wk)							••••	\$22,153.89		\$34,524.78
	UXO Tech II (6) (ST)			33.21		\$6,642.16 \$2,400.04						\$6,642.16		\$13,284.32	
	UXO Tech II (6) (OT)			49.82		\$2,490.81 \$4,564.30						\$2,490.81 \$1,564.30		\$4,981.62 \$3,438.64	
	UXO Tech III (ST) UXO Tech III (OT)			39.11 58.66		\$1,564.30 \$586.61						\$1,564.30 \$586.61		\$3,128.61 \$1,173.23	
	Heavy Equip Operator (ST)		HR	29.28		\$0.00						\$0.00		\$0.00	
	Heavy Equip Operator (OT)		HR	43.91		\$0.00						\$0.00 \$0.00		\$0.00	
	Pickup Truck 4x4 w/FOG (2 ea)		DY	80.00		Ψ0.00		\$1,120.00				\$1,120.00		\$1,232.00	
	Universal Loader/Backhoe w/FOG		DY	60.00				\$0.00				\$0.00		\$0.00	
	Trailer Flat Bed		DY	15.00				\$0.00				\$0.00		\$0.00	
	Gator ATV	_	DY	40.00				\$200.00				\$200.00		\$220.00	
	FOG			3.00				,			\$300.00	\$300.00		\$330.00	
	Schonstedt (6 ea)	30	DY	10.00							\$300.00	\$300.00		\$330.00	
	GPS - Hand Held	5	DY	50.00							\$250.00	\$250.00		\$275.00	
	Hand Held PDA	10	DY	50.00							\$500.00	\$500.00		\$550.00	
	Radios		DY	20.00							\$100.00	\$100.00		\$110.00	
	Consumable Supplies	5	DY	50.00							\$250.00	\$250.00		\$275.00	
	Misc. H&S Equip	5	DY	50.00				\$250.00				\$250.00		\$275.00	
	Excavation Tool Kit	5	DY	50.00							\$250.00	\$250.00		\$275.00	
	Per Diem	49	DY	150.00			\$7,350.00					\$7,350.00		\$8,085.00	
		/= / •											444.		^
0500	MEC Disposal UXO Tech II (6 ea) (ST)			per diem @ 7 c 33.21	dys/wk)	\$6,642.16						\$6,642.16	\$21,853.89	\$13,284.32	\$34,194.78
	UXO Tech II (6 ea) (OT)			49.82		\$2,490.81						\$2,490.81		\$4,981.62	
	UXO Tech III (ST)			39.11		\$1,564.30						\$1,564.30		\$3,128.61	
	UXO Tech III (OT)			58.66		\$1,304.30 \$586.61						\$586.61		\$1,173.23	
	Pickup Truck 4x4 w/FOG (2 ea)			80.00		ψ300.01		\$1,120.00				\$1,120.00		\$1,232.00	
	Gator ATV		DY	40.00				\$200.00				\$200.00		\$220.00	
	Hand Held PDA		DY	50.00				Ψ=00.00			\$500.00	\$500.00		\$550.00	
	Radios		DY	20.00							\$100.00	\$100.00		\$110.00	
	Misc ODCs (picks & shovels)		DY	30.00				\$150.00			+ . 55.55	\$150.00		\$165.00	
	(p.o a. a volo)							\$250.00				\$250.00		\$275.00	
	Misc. H&S Equip		DY	50.00									I I		
	Misc. H&S Equip Donor Explosives	5	DY DY	50.00 100.00				Ψ200.00			\$500.00			\$550.00	
	Donor Explosives	5 5	DY	100.00							\$500.00	\$500.00		\$550.00 \$440.00	
		5 5 5	DY DY				\$7,350.00	\$400.00			\$500.00			\$550.00 \$440.00 \$8,085.00	
	Donor Explosives Explosives Vehicle Per Diem	5 5 5 49	DY DY DY	100.00 80.00 150.00			\$7,350.00				\$500.00	\$500.00 \$400.00		\$440.00	
0510	Donor Explosives Explosives Vehicle Per Diem Scrap Disposal	5 5 49 (5-10	DY DY DY	100.00 80.00 150.00 per diem @ 7 c	dys/wk)		\$7,350.00				\$500.00	\$500.00 \$400.00 \$7,350.00	\$11,239.11	\$440.00 \$8,085.00	\$17,586.71
0510	Donor Explosives Explosives Vehicle Per Diem Scrap Disposal UXO Tech II (2 ea) (ST)	5 5 49 (5-10 80	DY DY DY hr dys,	100.00 80.00 150.00 per diem @ 7 c 33.21	dys/wk)	\$2,656.86	\$7,350.00				\$500.00	\$500.00 \$400.00 \$7,350.00 \$2,656.86	\$11,239.11	\$440.00 \$8,085.00 \$5,313.73	\$17,586.71
0510	Donor Explosives Explosives Vehicle Per Diem Scrap Disposal UXO Tech II (2 ea) (ST) UXO Tech II (2 ea) (OT)	5 5 49 (5-10) 80 20	DY DY DY hr dys,	100.00 80.00 150.00 per diem @ 7 c 33.21 49.82	dys/wk)	\$996.32	\$7,350.00				\$500.00	\$500.00 \$400.00 \$7,350.00 \$2,656.86 \$996.32	\$11,239.11	\$440.00 \$8,085.00 \$5,313.73 \$1,992.65	\$17,586.71
0510	Donor Explosives Explosives Vehicle Per Diem Scrap Disposal UXO Tech II (2 ea) (ST) UXO Tech II (2 ea) (OT) UXO Tech III (ST)	5 5 49 (5-10) 80 20 40	DY DY DY hr dys, HR HR	100.00 80.00 150.00 per diem @ 7 c 33.21 49.82 39.11	dys/wk)	\$996.32 \$1,564.30	\$7,350.00				\$500.00	\$500.00 \$400.00 \$7,350.00 \$2,656.86 \$996.32 \$1,564.30	\$11,239.11	\$440.00 \$8,085.00 \$5,313.73 \$1,992.65 \$3,128.61	\$17,586.71
0510	Donor Explosives Explosives Vehicle Per Diem Scrap Disposal UXO Tech II (2 ea) (ST) UXO Tech II (2 ea) (OT) UXO Tech III (ST) UXO Tech III (OT)	5 5 49 (5-10) 80 20 40 10	DY DY DY hr dys, HR HR HR	100.00 80.00 150.00 per diem @ 7 c 33.21 49.82 39.11 58.66	dys/wk)	\$996.32	\$7,350.00	\$400.00			\$500.00	\$500.00 \$400.00 \$7,350.00 \$2,656.86 \$996.32 \$1,564.30 \$586.61	\$11,239.11	\$440.00 \$8,085.00 \$5,313.73 \$1,992.65 \$3,128.61 \$1,173.23	\$17,586.71
0510	Donor Explosives Explosives Vehicle Per Diem Scrap Disposal UXO Tech II (2 ea) (ST) UXO Tech III (2 ea) (OT) UXO Tech III (ST) UXO Tech III (OT) Pickup Truck 4x4 w/FOG	5 5 49 (5-10) 80 20 40 10 7	DY DY DY hr dys, HR HR HR HR	100.00 80.00 150.00 per diem @ 7 c 33.21 49.82 39.11 58.66 80.00	dys/wk)	\$996.32 \$1,564.30	\$7,350.00	\$400.00 \$560.00			\$500.00	\$500.00 \$400.00 \$7,350.00 \$2,656.86 \$996.32 \$1,564.30 \$586.61 \$560.00	\$11,239.11	\$440.00 \$8,085.00 \$5,313.73 \$1,992.65 \$3,128.61 \$1,173.23 \$616.00	\$17,586.71
0510	Donor Explosives Explosives Vehicle Per Diem Scrap Disposal UXO Tech II (2 ea) (ST) UXO Tech III (2 ea) (OT) UXO Tech III (ST) UXO Tech III (OT) Pickup Truck 4x4 w/FOG Gator ATV	5 5 49 (5-10) 80 20 40 10 7 5	DY DY DY hr dys, HR HR HR HR DY	100.00 80.00 150.00 per diem @ 7 c 33.21 49.82 39.11 58.66 80.00 40.00	dys/wk)	\$996.32 \$1,564.30	\$7,350.00	\$400.00				\$500.00 \$400.00 \$7,350.00 \$2,656.86 \$996.32 \$1,564.30 \$586.61 \$560.00 \$200.00	\$11,239.11	\$440.00 \$8,085.00 \$5,313.73 \$1,992.65 \$3,128.61 \$1,173.23 \$616.00 \$220.00	\$17,586.71
0510	Donor Explosives Explosives Vehicle Per Diem Scrap Disposal UXO Tech II (2 ea) (ST) UXO Tech III (2 ea) (OT) UXO Tech III (ST) UXO Tech III (OT) Pickup Truck 4x4 w/FOG Gator ATV FOG	5 5 49 (5-10) 80 20 40 10 7 5	DY DY DY hr dys, HR HR HR DY DY GL	100.00 80.00 150.00 per diem @ 7 c 33.21 49.82 39.11 58.66 80.00 40.00 3.00	dys/wk)	\$996.32 \$1,564.30	\$7,350.00	\$400.00 \$560.00			\$150.00	\$500.00 \$400.00 \$7,350.00 \$2,656.86 \$996.32 \$1,564.30 \$586.61 \$560.00 \$200.00 \$150.00	\$11,239.11	\$440.00 \$8,085.00 \$5,313.73 \$1,992.65 \$3,128.61 \$1,173.23 \$616.00 \$220.00 \$165.00	\$17,586.71
0510	Donor Explosives Explosives Vehicle Per Diem Scrap Disposal UXO Tech II (2 ea) (ST) UXO Tech III (2 ea) (OT) UXO Tech III (ST) UXO Tech III (OT) Pickup Truck 4x4 w/FOG Gator ATV FOG Radios	5 5 49 (5-10) 80 20 40 10 7 5 50 5	DY DY DY hr dys, HR HR HR DY DY GL	100.00 80.00 150.00 per diem @ 7 c 33.21 49.82 39.11 58.66 80.00 40.00 3.00 20.00	dys/wk)	\$996.32 \$1,564.30	\$7,350.00	\$400.00 \$560.00 \$200.00				\$500.00 \$400.00 \$7,350.00 \$2,656.86 \$996.32 \$1,564.30 \$586.61 \$560.00 \$200.00 \$150.00 \$100.00	\$11,239.11	\$440.00 \$8,085.00 \$5,313.73 \$1,992.65 \$3,128.61 \$1,173.23 \$616.00 \$220.00 \$165.00 \$110.00	\$17,586.71
0510	Donor Explosives Explosives Vehicle Per Diem Scrap Disposal UXO Tech II (2 ea) (ST) UXO Tech III (2 ea) (OT) UXO Tech III (ST) UXO Tech III (OT) Pickup Truck 4x4 w/FOG Gator ATV FOG Radios Misc ODCs (picks & shovels)	5 5 5 49 (5-10) 80 20 40 10 7 5 50 5	DY DY DY HR HR HR DY DY GL DY	100.00 80.00 150.00 per diem @ 7 c 33.21 49.82 39.11 58.66 80.00 40.00 3.00 20.00 30.00	dys/wk)	\$996.32 \$1,564.30	\$7,350.00	\$400.00 \$560.00 \$200.00			\$150.00	\$500.00 \$400.00 \$7,350.00 \$2,656.86 \$996.32 \$1,564.30 \$586.61 \$560.00 \$200.00 \$150.00 \$150.00	\$11,239.11	\$440.00 \$8,085.00 \$5,313.73 \$1,992.65 \$3,128.61 \$1,173.23 \$616.00 \$220.00 \$165.00 \$110.00 \$165.00	\$17,586.71
0510	Donor Explosives Explosives Vehicle Per Diem Scrap Disposal UXO Tech II (2 ea) (ST) UXO Tech III (2 ea) (OT) UXO Tech III (ST) UXO Tech III (OT) Pickup Truck 4x4 w/FOG Gator ATV FOG Radios	5 5 5 49 (/5-10) 80 20 40 10 7 5 50 5 5	DY DY DY HR HR HR DY DY GL DY DY	100.00 80.00 150.00 per diem @ 7 c 33.21 49.82 39.11 58.66 80.00 40.00 3.00 20.00	dys/wk)	\$996.32 \$1,564.30	\$7,350.00 \$3,150.00	\$400.00 \$560.00 \$200.00			\$150.00	\$500.00 \$400.00 \$7,350.00 \$2,656.86 \$996.32 \$1,564.30 \$586.61 \$560.00 \$200.00 \$150.00 \$100.00	\$11,239.11	\$440.00 \$8,085.00 \$5,313.73 \$1,992.65 \$3,128.61 \$1,173.23 \$616.00 \$220.00 \$165.00 \$110.00	\$17,586.71

Ricochet Are	a MRS FS Cost Estimate				НО	Field							Total		Total
ACT ID	WORK DESCRIPTION	atv	unit	Raw \$ per	Straight LABOR \$	Straight LABOR \$	TRAVEL	EQUIP	SUBS	INTS	EXTS	SUBTOTAL COST	Raw	Subtotal + 10%	Effort
AOTID	WORK BESSELL HOW	чу	unit	itaw ψ pci	LABORT	LABOIL	TIVAVEL	LQUII	СОВО	IIVIO	LXIO	0001	Naw	1070	Ellolt
0600	Site Restoration	(2 Lal	borers	required to fill a	and compact ho	les left from and	omaly investigation	n)					\$22,280.48		\$36,307.96
	UXO Tech II (6 ea) (ST)	240	HR	33.21		\$7,970.59						\$7,970.59		\$15,941.18	
	UXO Tech II (6 ea) (OT)	60	HR	49.82		\$2,988.97						\$2,988.97		\$5,977.94	
	UXO Tech III (ST)	40	HR	39.11		\$1,564.30						\$1,564.30		\$3,128.61	
	UXO Tech III (OT)			58.66		\$586.61						\$586.61		\$1,173.23	
	Pickup Truck 4x4 w/FOG (2 ea)	14	DY	80.00				\$1,120.00				\$1,120.00		\$1,232.00	
	Misc Small Tools/Equip		DY	40.00				\$200.00				\$200.00		\$220.00	
	Fill Materials	50	CY	10.00							\$500.00	\$500.00		\$550.00	
	Per Diem	49	DY	150.00			\$7,350.00					\$7,350.00		\$8,085.00	
0610	Domobilization	/Dom	oh ovn	ancas)									¢14 750 00		\$12,925.00
0610	Demobilization Sub: Demob Misc Equipment	-	ob exp	500.00					\$2,500.00			\$2,500.00	\$11,750.00	\$2,750.00	\$12,925.00
	Misc ODCs		DY	50.00					ψ2,300.00		\$250.00	\$250.00		\$2,750.00	
	Demob Allowance per Person		EA	1,000.00							\$9,000.00	\$9,000.00		\$9,900.00	
	Belliob Allowalloc pel 1 elsoli			1,000.00							ψ0,000.00	ψ3,000.00		ψ3,300.00	
0700	Final Report	(incl.	draft, d	Iraft-final, & fina	ıl)								\$70,000.00		\$77,000.00
	Final Report	-			•				\$70,000.00			\$70,000.00		\$77,000.00	
0800	Containment and Controls												\$38,500.00		\$42,350.00
	Containment and Controls Plan	1	EA	5,000.00					\$5,000.00			\$5,000.00		\$5,500.00	
	Signs	20	EA	150.00					\$3,000.00			\$3,000.00		\$3,300.00	
	Brochure/Fact Sheet	2	LS	1,000.00					\$2,000.00			\$2,000.00		\$2,200.00	
	Prepare & Distribute Videos/DVDs	1	LS	20,000.00					\$20,000.00			\$20,000.00		\$22,000.00	
	Update Websites	2	LS	2,000.00					\$4,000.00			\$4,000.00		\$4,400.00	
	TRC (per mtg)	3	LS	1,500.00					\$4,500.00			\$4,500.00		\$4,950.00	
0900	Containment and Controls - Annual Cost												\$1,150.00		\$1,265.00
0000	Signs	1	EA	150.00					\$150.00			\$150.00	ψ1,100.00	\$165.00	ψ1,200.00
	Brochure/Fact Sheet	0.5		1,000.00					\$500.00			\$500.00		\$550.00	
	Prepare & Distribute Videos/DVDs			500.00					\$250.00			\$250.00		\$275.00	
	TRC (per mtg)			500.00					\$250.00			\$250.00		\$275.00	
1000	5Y Review - 1st Review												\$8,000.00		\$8,800.00
	Recurring Review Plan	1	EA	3,000.00					\$3,000.00			\$3,000.00		\$3,300.00	
	Document Reviews	1	EA	1,000.00					\$1,000.00			\$1,000.00		\$1,100.00	
	Site Inspection	1	EA	2,000.00					\$2,000.00			\$2,000.00		\$2,200.00	
	Report	1	EA	2,000.00					\$2,000.00			\$2,000.00		\$2,200.00	
1010	5Y Rev - Remaining Reviews												\$5,000.00		\$5,500.00
	Document Reviews	1	EA	1,000.00					\$1,000.00			\$1,000.00	45,550.50	\$1,100.00	
	Site Inspection	1	EA	2,000.00					\$2,000.00			\$2,000.00		\$2,200.00	
	Report	1	EA	2,000.00					\$2,000.00			\$2,000.00		\$2,200.00	
1100	UXO Construction Support												\$15,375.02		\$24,072.05
	UXO Tech II (ST)	80	HR	33.21		\$2,656.86						\$2,656.86		\$5,313.73	
	UXO Tech II (OT)		HR	49.82		\$996.32						\$996.32		\$1,992.65	
	UXO Tech III (ST)		HR	39.11		\$3,128.61						\$3,128.61		\$6,257.22	
	UXO Tech III (OT)		HR	58.66		\$1,173.23						\$1,173.23		\$2,346.46	
	Pickup Truck 4x4 w/FOG (2 ea)		DY	80.00				\$1,120.00				\$1,120.00		\$1,232.00	
	Hand Held PDA		DY	50.00							\$700.00	\$700.00		\$770.00	
	Radios	14	DY	20.00							\$280.00	\$280.00		\$308.00	
	Misc ODCs (picks & shovels)	14	DY	30.00				\$420.00				\$420.00		\$462.00	
	Misc. H&S Equip	14	DY	50.00				\$700.00				\$700.00		\$770.00	
	Donor Explosives	0	DY	100.00							\$0.00	\$0.00		\$0.00	
	Explosives Vehicle	0	DY	80.00				\$0.00				\$0.00		\$0.00	
	Per Diem		DY	150.00			\$4,200.00					\$4,200.00		\$4,620.00	