

New Horizons Environmental Consultants, Inc. Bid Worksheet										Confidential		
NHECI Project #		2135			Scheduled Start Date		Jan 1 04		Proposal Manager		RGK	
NHECI Project Name		CSMRI - Alternative 5A - Solid Waste Disposal			Scheduled Finish Date		Dec 1 04		Proposal Due Date		23-Oct-03	

\$3,379,633		Total This Sheet		Task 1		Task 2		Task 3		Task 4		Task 5		Task 6		Task 7		Task 8			
\$3,379,633		Total All Sheets		Mobilization		Construction Costs		Equipment Costs		Land Development		Disposal Costs		Engineering Costs		Operations and Maintenance		Demobilization			
Labor Category		Individual	\$/ Hr	Hrs	Ext	Hrs	Ext	Hrs	Ext	Hrs	Ext	Hrs	Ext	Hrs	Ext	Hrs	Ext	Hrs	Ext	Hours	Ext
1	Principal	JRS	100.00	8	\$800	80	\$8,000			40	\$4,000					8	\$800	136	\$13,600		
2	Proj Manager	RGK	90.00	40	\$3,600	600	\$54,000			280	\$25,200					40	\$3,600	960	\$86,400		
3	Proj Engineer	SMC	85.00	40	\$3,400	600	\$51,000			280	\$23,800					40	\$3,400	960	\$81,600		
4	RSO / HSO	DAB	75.00	40	\$3,000	600	\$45,000			280	\$21,000					40	\$3,000	960	\$72,000		
5	Rad. Technician	DAB	60.00	40	\$2,400	1200	\$72,000											1240	\$74,400		
6	Site Supervisor	DAC	55.00	40	\$2,200	600	\$33,000			280	\$15,400					40	\$2,200	960	\$52,800		
7	Operator 1	TBD	50.00	80	\$4,000	1800	\$90,000			840	\$42,000					80	\$4,000	2800	\$140,000		
8	Operator 2	Various	45.00	80	\$3,600	1800	\$81,000			840	\$37,800					80	\$3,600	2800	\$126,000		
9	Labor	Various	40.00	80	\$3,200	1800	\$72,000			840	\$33,600					40	\$1,600	2760	\$110,400		
10	Flagger	TBD	30.00			440	\$13,200											440	\$13,200		
11	Administrative	Various	35.00	8	\$280	80	\$2,800			40	\$1,400					40	\$1,400	168	\$5,880		
12																					
13																					
14																					
15	Interim tasks		#####			1	\$278,000											1	\$278,000		
Total Hours				456		9601				3720								408		14185	
Labor Totals				\$26,480		\$800,000				\$204,200								\$23,600		\$1,054,280	

Subcontractor				Unit	Rate	MU	Qty	Ext	Qty	Ext	Qty	Ext	Qty	Ext	Qty	Ext	Qty	Ext	Total	Ext	
16	Engineering	Hr	95	10%							80	\$8,360			160	\$16,720			240	\$25,080	
17	Surveying	Hr	95	10%					600	\$62,700					160	\$16,720			1040	\$108,680	
18	Drafting	Hr	75	10%					50	\$4,125									50	\$4,125	
19	Geotechnical	Hr	85	10%					80	\$7,480			280	\$26,180					360	\$33,660	
20	Waste Transp 1	CY	6	10%									#####	\$66,000					10000	\$66,000	
21	Waste Transp 2	CY	15	10%																	
22	Waste Disposal 1	CY	9	10%									#####	\$99,000					10000	\$99,000	
23	Waste Disposal 2	CY	45	10%																	
24	Lab Analysis	each	785	10%					200	\$172,700									200	\$172,700	
25	Gamma Spec /	week	12000	10%					8	\$105,600									8	\$105,600	
26	GW Monitoring	year	37000	10%													1	\$40,700	1	\$40,700	
27	Utility Relocation	LS	12500	10%					1	\$13,750									1	\$13,750	
28	Demolition	CY	25	10%					1000	\$27,500									1000	\$27,500	
29	Traffic Control	week	1475	10%					10	\$16,225									10	\$16,225	
30	Stormwater	LS	2300	10%					2	\$5,060									2	\$5,060	
Subcontractor Totals						\$415,140				\$63,800		\$165,000		\$33,440		\$40,700				\$718,080	

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\$3,379,633	Total All Sheets	Mobilization	Construction Costs	Equipment Costs	Land Development	Disposal Costs	Engineering Costs	Operations and Maintenance	Demobilization	

	Equip / Supp	Unit	Cost	MU	Qty	Ext	Qty	Ext	Qty	Ext	Qty	Ext	Qty	Ext	Qty	Ext	Qty	Ext	Qty	Ext	Total	Ext
31	Communications	week	150	10%	1	\$165	15	\$2,475			7	\$1,155					1	\$165	24	\$3,960		
32	Vehicle Costs	week	175	10%	1	\$193	15	\$2,888			7	\$1,348					1	\$193	24	\$4,620		
33	PPE	week	325	10%	1	\$358	15	\$5,363											16	\$5,720		
34	Tools / Equip	LS	8700	10%	1	\$9,570	2	\$19,140			2	\$19,140							5	\$47,850		
35	Mileage	miles	0.36	25%	500	\$225	7500	\$3,375			3500	\$1,575					500	\$225	12000	\$5,400		
36	Air Monitoring	week	650	10%	1	\$715	15	\$10,725											16	\$11,440		
37	Stormwater Mgt.	LS	2100	10%	1	\$2,310	1	\$2,310			1	\$2,310					1	\$2,310	4	\$9,240		
38	Licenses / Permits	LS	1750	10%	1	\$1,925													1	\$1,925		
39	Dozer	week	2065	10%	1	\$2,272					7	\$15,901					1	\$2,272	9	\$20,444		
40	Loader 1	week	2455	10%	1	\$2,701			15	\$40,508	7	\$18,904					1	\$2,701	24	\$64,812		
41	Loader 2	week	2887	10%	1	\$3,176			15	\$47,636	7	\$22,230					1	\$3,176	24	\$76,217		
42	Excavator	week	2962	10%	1	\$3,258			15	\$48,873	7	\$22,807					1	\$3,258	24	\$78,197		
43	Grader	week	2829	10%	1	\$3,112			8	\$24,895	7	\$21,783					1	\$3,112	17	\$52,902		
44	Water truck	week	3220	10%	1	\$3,542			15	\$53,130	7	\$24,794					1	\$3,542	24	\$85,008		
45	Equip Trailer	week	350	10%	1	\$385			15	\$5,775	7	\$2,695					1	\$385	24	\$9,240		
46	Crane	week	2575	10%																		
47	Scraper	week	5750	10%							14	\$88,550					1	\$6,325	15	\$94,875		
48	Compactor	week	2070	10%	1	\$2,277					7	\$15,939					1	\$2,277	9	\$20,493		
49	Backhoe	week	975	10%	1	\$1,073			13	\$13,943	7	\$7,508					1	\$1,073	22	\$23,595		
50	Maintenance	week	1500	10%	1	\$1,650	15	\$24,750			7	\$11,550					1	\$1,650	24	\$39,600		
51	Fuel	week	2250	10%	1	\$2,475	15	\$37,125			7	\$17,325					1	\$2,475	24	\$59,400		
52	Rad Instrument	week	165	10%	1	\$182			15	\$2,723									16	\$2,904		
53	Decon Equipment	week	100	10%													1	\$110	1	\$110		
54	Utilities	week	55	10%	1	\$61	15	\$908			7	\$424					1	\$61	24	\$1,452		
55	Mob / Demob	each	2200	10%	1	\$2,420											1	\$2,420	2	\$4,840		
Equip / Supp Totals						\$44,041	\$109,058	\$237,481	\$295,936								\$37,727				\$724,243	

Project Subtotals	\$70,521	\$1,324,198	\$237,481	\$563,936	\$165,000	\$33,440	\$40,700	\$61,327	\$2,496,603
Insurance	\$2,116	\$39,726	\$7,124	\$16,918	\$4,950	\$1,003	\$1,221	\$1,840	\$74,898
Bonding	\$2,821	\$52,968	\$9,499	\$22,557	\$6,600	\$1,338	\$1,628	\$2,453	\$99,864
Total w/o Contingency	\$75,458	\$1,416,891	\$254,105	\$603,412	\$176,550	\$35,781	\$188,544	\$65,620	\$2,816,361
Total w/ Contingency	\$90,549	\$1,700,270	\$304,926	\$724,094	\$211,860	\$42,937	\$226,253	\$78,744	\$3,379,633

Insurance:	3.00%
Bonding:	4.00%
Contingency:	20.00%

Discount Rate:	5.00%
Discount Period (yrs):	5