New Horizons Environmental Consultants, Inc. Bid Worksheet													al								
		NHEC	I Project #	2135							Scheduled Start Date Jan 1 04						Pre	oposal I	Manager	RGK	
	NHECI Project Name CSMRI - Alternative 4B - Entombment and Cap											Scheduled Finish Date Dec 1 04						Proposal Due Date			3
	\$4,696,897	Total This	Sheet		Task 1 Task 2				ask 4	Task 5		Task 6		Task 7		Task 8					
	\$4,696,897	Total All	Sheets	Mol	bilization		struction Costs	-	iipment Costs		Land elopment	Dispo	sal Costs	_	ineering Costs	C	0 & M	Demo	bilization		
	Labor Category	Individua	\$/Hr	Hrs	Ext	Hrs	Ext	Hrs	Ext	Hrs	Ext	Hrs	Ext	Hrs	Ext	Hrs	Ext	Hrs	Ext	Hours	Ext
1	Principal		100.00	40	\$4,000	40	\$4,000			40	\$4,000							8	\$800	128	\$12,800
2	Proj Manager		90.00	40	\$3,600	800	\$72,000			200	\$18,000							40	\$3,600	1080	\$97,200
3	Proj Engineer		85.00	40	\$3,400	800	\$68,000			200	\$17,000			800	\$68,000			40	\$3,400	1880	\$159,800
4	RSO / HSO		75.00	40	\$3,000					200	\$15,000							40	\$3,000	280	\$21,000
5	Rad. Technician		60.00	40	\$2,400	800	\$48,000											40	\$2,400	880	\$52,800
6	Site Supervisor		55.00	40	\$2,200	800	\$44,000			200	\$11,000							40	\$2,200	1080	\$59,400
7	Operator 1		50.00	80	\$4,000	2400	\$120,000			600	\$30,000							80	\$4,000	3160	\$158,000
8	Operator 2		45.00	80	\$3,600	2400	\$108,000			600	\$27,000							80	\$3,600	3160	\$142,200
9	Labor		40.00	40	\$1,600	2400	\$96,000			600	\$24,000							80	\$3,200	3120	\$124,800
10	Flagger		30.00																		
11	Administrative		35.00	40	\$1,400	100	\$3,500			40	\$1,400					100	\$3,500	8	\$280	288	\$10,080
12																			-		
13																					
14																				-	
15	Interim tasks		#######			1	\$278,000													1	\$278,000
	Interim tasks Total Hours		#######	£	480	1	\$278,000 <b>0541</b>				2680				800		100		456	1	\$278,000
			#######	1	480 29,200						2680 47,400				800 58,000		100 3,500		456 6,480	15057	\$278,000 \$1,116,080
	Total Hours	Unit Ra	e MU	1			0541	Qty	Ext		47,400 Ext	Qty	Ext		58,000 Ext					15057	\$1,116,080 Ext
	Total Hours Labor Totals	Unit Ra Hr 95	e MU	\$2	29,200	\$8	0541 41,500 Ext	Qty	Ext	\$1 Qty 40	<b>47,400</b> <b>Ext</b> \$4,180	Qty	Ext	\$6	58,000	\$	3,500	\$2	6,480	15057	\$1,116,080 Ext \$45,980
15	Total Hours Labor Totals Subcontractor Engineering Surveying	Hr 95 Hr 95	e MU 10% 10%	\$2	29,200	\$8	0541 41,500	Qty	Ext	\$1 Qty	47,400 Ext	Qty	Ext	\$6 Qty 400	<b>Ext</b> \$41,800	\$	3,500	\$2	6,480	15057 Total 440 1000	\$1,116,080 Ext \$45,980 \$104,500
15 16	Total Hours Labor Totals Subcontractor Engineering Surveying Drafting	Hr 95 Hr 95 Hr 75	e MU 10% 10%	\$2	29,200	\$8 Qty 800	0541 41,500 Ext \$83,600	Qty	Ext	\$1 Qty 40 200	<b>47,400</b> <b>Ext</b> \$4,180 \$20,900	Qty	Ext	\$6 Qty 400 240	<b>Ext</b> \$41,800 \$19,800	\$	3,500	\$2	6,480	15057 Total 440 1000 240	\$1,116,080 Ext \$45,980 \$104,500 \$19,800
15 16 17	Total Hours Labor Totals Subcontractor Engineering Surveying	Hr 95 Hr 95 Hr 75 Hr 85	e MU 10% 10% 10% 10%	\$2	29,200	\$8 Qty	0541 41,500 Ext	Qty	Ext	\$1 Qty 40	<b>47,400</b> <b>Ext</b> \$4,180			\$6 Qty 400	<b>Ext</b> \$41,800	\$	3,500	\$2	6,480	Total   440   1000   240   1240	\$1,116,080 Ext \$45,980 \$104,500 \$19,800 \$115,940
15 16 17 18 19 20	Total Hours Labor Totals Subcontractor Engineering Surveying Drafting Geotechnical Waste Transp 1	Hr 95   Hr 95   Hr 95   Hr 75   Hr 85   CY 6	e MU 10% 10% 10% 10% 10%	\$2	29,200	\$8 Qty 800 800	0541 41,500 Ext \$83,600 \$74,800	Qty	Ext	\$1 Qty 40 200	<b>47,400</b> <b>Ext</b> \$4,180 \$20,900	Qty 1000	Ext \$6,600	\$6 Qty 400 240	<b>Ext</b> \$41,800 \$19,800	\$	3,500	\$2	6,480	15057   Total   440   1000   240   1240   1000	\$1,116,080 Ext \$45,980 \$104,500 \$19,800 \$115,940 \$6,600
15 16 17 18 19 20 21	Total Hours Labor Totals Subcontractor Engineering Surveying Drafting Geotechnical Waste Transp 1 HDPE	Hr 95   Hr 95   Hr 95   Hr 75   Hr 85   CY 6   SF 0.6	e MU 10% 10% 10% 10% 10% 5 10%	\$2	29,200	\$8 Qty 800	0541 41,500 Ext \$83,600 \$74,800	Qty	Ext	\$1 Qty 40 200	<b>47,400</b> <b>Ext</b> \$4,180 \$20,900	1000	\$6,600	\$6 Qty 400 240	<b>Ext</b> \$41,800 \$19,800	\$	3,500	\$2	6,480	Total   440   1000   240   1240   1000   67500	\$1,116,080 Ext \$45,980 \$104,500 \$19,800 \$115,940 \$6,600 \$48,263
15 16 17 18 19 20 21 22	Total Hours Labor Totals Subcontractor Engineering Surveying Drafting Geotechnical Waste Transp 1	Hr 95   Hr 95   Hr 95   Hr 75   Hr 85   CY 6	e MU 10% 10% 10% 10% 10% 5 10%	\$2	29,200	\$8 Qty 800 800	0541 41,500 Ext \$83,600 \$74,800	Qty	Ext	\$1 Qty 40 200	<b>47,400</b> <b>Ext</b> \$4,180 \$20,900			\$6 Qty 400 240	<b>Ext</b> \$41,800 \$19,800	\$	3,500	\$2	6,480	15057   Total   440   1000   240   1240   1000	\$1,116,080 Ext \$45,980 \$104,500 \$19,800 \$115,940 \$6,600
15 16 17 18 19 20 21	Total Hours Labor Totals Subcontractor Engineering Surveying Drafting Geotechnical Waste Transp 1 HDPE Waste Disposal 1	Hr 95   Hr 95   Hr 75   Hr 85   CY 6   SF 0.6   CY 9	e MU 10% 10% 10% 10% 10% 5 10% 5 10% 10%	\$2	29,200	\$8 Qty 800 #####	0541 41,500 Ext \$83,600 \$74,800 \$48,263	Qty	Ext	\$1 Qty 40 200	<b>47,400</b> <b>Ext</b> \$4,180 \$20,900	1000	\$6,600	\$6 Qty 400 240	<b>Ext</b> \$41,800 \$19,800	\$	3,500	\$2	6,480	15057   Total   440   1000   240   1240   1000   67500   1000	\$1,116,080 Ext \$45,980 \$104,500 \$19,800 \$115,940 \$6,600 \$48,263 \$9,900
15 16 17 18 20 21 22 23 24	Total Hours Labor Totals Subcontractor Engineering Surveying Drafting Geotechnical Waste Transp 1 HDPE Waste Disposal 1 Lab Analysis	Hr 95   Hr 95   Hr 75   Hr 85   CY 6   SF 0.6   CY 9   each 78	e MU 10% 10% 10% 10% 10% 10% 10% 10%	\$2	29,200	\$8 Qty 800 800	0541 41,500 Ext \$83,600 \$74,800 \$48,263 \$172,700	Qty	Ext	\$1 Qty 40 200	<b>47,400</b> <b>Ext</b> \$4,180 \$20,900	1000	\$6,600	\$6 Qty 400 240	<b>Ext</b> \$41,800 \$19,800	\$	3,500	\$2	6,480	15057 Total 440 1000 240 1240 1240 1000 67500 1000 200	\$1,116,080 Ext \$45,980 \$104,500 \$19,800 \$115,940 \$6,600 \$48,263 \$9,900 \$172,700
15 16 17 18 20 21 22 23 24 25	Total Hours Labor Totals Subcontractor Engineering Surveying Drafting Geotechnical Waste Transp 1 HDPE Waste Disposal 1	Hr 95   Hr 95   Hr 75   Hr 85   CY 6   SF 0.6   CY 9	e MU 10% 10% 10% 10% 10% 10% 10% 10%	\$2	29,200	\$8 Qty 800 #####	0541 41,500 Ext \$83,600 \$74,800 \$48,263		Ext	\$1 Qty 40 200	<b>47,400</b> <b>Ext</b> \$4,180 \$20,900	1000	\$6,600	\$6 Qty 400 240	<b>Ext</b> \$41,800 \$19,800	\$	3,500	\$2	6,480	15057   Total   440   1000   240   1240   1000   67500   1000	\$1,116,080 Ext \$45,980 \$104,500 \$19,800 \$115,940 \$6,600 \$48,263 \$9,900
15 16 17 18 20 21 22 23 24	Total Hours Labor Totals Subcontractor Engineering Surveying Drafting Geotechnical Waste Transp 1 HDPE Waste Disposal 1 Lab Analysis	Hr 95   Hr 95   Hr 75   Hr 85   CY 6   SF 0.6   CY 9   each 78	e MU 10% 10% 10% 10% 10% 10% 10% 10%	\$2	29,200	\$8 Qty 800 ##### 200	0541 41,500 Ext \$83,600 \$74,800 \$48,263 \$172,700 \$158,400		Ext	\$1 Qty 40 200	<b>47,400</b> <b>Ext</b> \$4,180 \$20,900	1000	\$6,600	\$6 Qty 400 240	<b>Ext</b> \$41,800 \$19,800	\$	3,500	\$2	6,480	15057 Total 440 1000 240 1240 1240 1000 67500 1000 200	\$1,116,080 Ext \$45,980 \$104,500 \$19,800 \$115,940 \$6,600 \$48,263 \$9,900 \$172,700 \$158,400
15 16 17 18 20 21 22 23 24 25	Total Hours Labor Totals Subcontractor Engineering Surveying Drafting Geotechnical Waste Transp 1 HDPE Waste Disposal 1 Lab Analysis	Hr 95   Hr 95   Hr 75   Hr 85   CY 6   SF 0.6   CY 9   each 78	e MU 10% 10% 10% 10% 10% 10% 10% 10%	\$2	29,200	\$8 Qty 800 800 ###### 200 12 1	0541 41,500 Ext \$83,600 \$74,800 \$48,263 \$172,700 \$158,400 \$13,750		Ext	\$1 Qty 40 200	<b>47,400</b> <b>Ext</b> \$4,180 \$20,900	1000	\$6,600	\$6 Qty 400 240	<b>Ext</b> \$41,800 \$19,800	\$	3,500	\$2	6,480	15057   Total   440   1000   240   1240   1000   67500   1000   200   12   1	\$1,116,080 Ext \$45,980 \$104,500 \$19,800 \$115,940 \$6,600 \$48,263 \$9,900 \$172,700 \$158,400 \$13,750
15 16 17 18 20 21 22 23 24 25 26	Total Hours Labor Totals Subcontractor Engineering Surveying Drafting Geotechnical Waste Transp 1 HDPE Waste Disposal 1 Lab Analysis Gamma Spec /	Hr 95   Hr 95   Hr 75   Hr 85   CY 6   SF 0.6   CY 9   each 78   week 120   LS 125   CY 25	e MU 10% 10% 10% 10% 10% 10% 10% 10%	\$2	29,200	\$8 Qty 800 ##### 200	0541 41,500 Ext \$83,600 \$74,800 \$48,263 \$172,700 \$158,400		Ext	\$1 Qty 40 200	<b>47,400</b> <b>Ext</b> \$4,180 \$20,900	1000	\$6,600	\$6 Qty 400 240	<b>Ext</b> \$41,800 \$19,800	\$	3,500	\$2	6,480	15057   Total   440   1000   240   1240   1000   67500   1000   200   12	\$1,116,080 Ext \$45,980 \$104,500 \$19,800 \$115,940 \$6,600 \$48,263 \$9,900 \$172,700 \$172,700 \$158,400 \$13,750 \$27,500
15 16 17 18 19 20 21 22 23 24 25 26 27	Total Hours Labor Totals Subcontractor Engineering Surveying Drafting Geotechnical Waste Transp 1 HDPE Waste Disposal 1 Lab Analysis Gamma Spec / Utility Relocation	Hr 95   Hr 95   Hr 75   Hr 85   CY 6   SF 0.6   CY 9   each 78   week 120   LS 125	e MU 10% 10% 10% 10% 10% 10% 10% 10%	\$2	29,200	\$8 Qty 800 800 ###### 200 12 1	0541 41,500 Ext \$83,600 \$74,800 \$48,263 \$172,700 \$158,400 \$13,750 \$27,500		Ext	\$1 Qty 40 200	<b>47,400</b> <b>Ext</b> \$4,180 \$20,900	1000	\$6,600	\$6 Qty 400 240	<b>Ext</b> \$41,800 \$19,800	\$	3,500	\$2	6,480	15057   Total   440   1000   240   1240   1000   67500   1000   200   12   1	\$1,116,080 Ext \$45,980 \$104,500 \$19,800 \$115,940 \$6,600 \$48,263 \$9,900 \$172,700 \$158,400 \$13,750
15 16 17 18 19 20 21 22 23 24 25 26 27 28	Total Hours Labor Totals Subcontractor Engineering Surveying Drafting Geotechnical Waste Transp 1 HDPE Waste Disposal 1 Lab Analysis Gamma Spec / Utility Relocation Demolition	Hr 95   Hr 95   Hr 75   Hr 85   CY 6   SF 0.6   CY 9   each 78   week 120   LS 125   CY 25	e MU 10% 10% 10% 10% 10% 10% 10% 10%	\$2	29,200	\$8 Qty 800 800 ###### 200 12 1	0541 41,500 Ext \$83,600 \$74,800 \$48,263 \$172,700 \$158,400 \$13,750		Ext	\$1 Qty 40 200	<b>47,400</b> <b>Ext</b> \$4,180 \$20,900	1000	\$6,600	\$6 Qty 400 240	<b>Ext</b> \$41,800 \$19,800	\$ Qty	3,500 Ext	\$2	6,480	15057 Total 440 1000 240 1240 1000 67500 1000 200 12 1 1 1000	\$1,116,080 Ext \$45,980 \$104,500 \$19,800 \$115,940 \$6,600 \$48,263 \$9,900 \$172,700 \$172,700 \$158,400 \$13,750 \$27,500
15 16 17 18 19 20 21 22 23 24 25 26 27 28 29	Total Hours Labor Totals Subcontractor Engineering Durying Drafting Geotechnical Waste Transp 1 HDPE Waste Disposal 1 Lab Analysis Gamma Spec / Utility Relocation Demolition Groundwater	Hr 95   Hr 95   Hr 75   Hr 85   CY 6   CY 6   CY 9   each 78   week 120   LS 125   CY 25   year 370   LS 230	e MU 10% 10% 10% 10% 10% 10% 10% 10%	\$2	29,200	\$8 Qty 800 800 12 1000	0541 41,500 Ext \$83,600 \$74,800 \$48,263 \$172,700 \$158,400 \$13,750 \$27,500		Ext	\$1 Qty 40 200	<b>47,400</b> <b>Ext</b> \$4,180 \$20,900	1000	\$6,600	\$6 Qty 400 240	<b>Ext</b> \$41,800 \$19,800	\$ Qty	3,500 Ext	\$2	6,480	15057   Total   440   1000   240   1240   1000   67500   1000   200   12   1   1000   1	\$1,116,080 Ext \$45,980 \$104,500 \$19,800 \$115,940 \$6,600 \$48,263 \$9,900 \$172,700 \$158,400 \$13,750 \$27,500 \$40,700

	New Horizons	Enviro	nmental	Consulta	nts. Inc	Bid Works	sheet														Confidentia	/
			NHECI P		2135								Scheduled Start Date Jan 1 04						Proposal Manager			
			CI Projec	_	CSMRI - Alternative 4B - Entombment and Cap							Scheduled Finish Date Dec 1 04						Proposal Due Date			RGK 23-Oct-03	3
<u></u>	<b>6</b> 4 000 00 <del>7</del>										Constanted I mish Bats											
	\$4,696,897 Total This Sheet					Task 1		Task 2		Task 3		Task 4		Task 5		ask 6	Task 7		Task 8			
	\$4,696,897 Total All Sheets				Mobilization		Construction		Equipment			Land	<b>Disposal Costs</b>		Engineering		O & M		Demobilization			
	\$4,030,037 Total All Sheets					Costs		Costs		Dev	Development				Costs							
	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	20	\$3,300			5	\$825			4	\$660			1	\$165	31	\$5,115
32	Vehicle Costs	week	175	10%	1	\$193	20	\$3,850			5	\$963			4	\$770			1	\$193	31	\$5,968
33	PPE	week	325	10%																		
34	Tools / Equip	LS	8700	10%	1	\$9,570			4	\$38,280	2	\$19,140			1	\$9,570			1	\$9,570	9	\$86,130
35	Mileage	miles	0.36	25%	500	\$225	#####				2500	\$1,125			8000	\$3,600			2000	\$900	61000	\$27,450
36	Air Monitoring	week	650	10%	1	\$715	16	\$11,440													17	\$12,155
37	Stormwater Mgt.	LS	2100	10%	1	\$2,310	1	\$2,310			1	\$2,310			1	\$2,310			1	\$2,310	5	\$11,550
38	Licenses / Permits	LS	1750	10%	1	\$1,925	4	\$7,700													5	\$9,625
39	Dozer	week	2065	10%	1	\$2,272			20	\$45,430	5	\$11,358							1	\$2,272	27	\$61,331
40	Loader 1	week	2455	10%	1	\$2,701			20	\$54,010	5	\$13,503							1	\$2,701	27	\$72,914
41	Loader 2	week	2887	10%	1	\$3,176			20	\$63,514	5	\$15,879							1	\$3,176	27	\$85,744
42	Excavator	week	2962	10%	1	\$3,258			20	\$65,164	5	\$16,291							1	\$3,258	27	\$87,971
43	Grader	week	2829	10%	1	\$3,112			10	\$31,119	5	\$15,560							1	\$3,112	17	\$52,902
44	Water truck	week	3220	10%	1	\$3,542			20	\$70,840	5	\$17,710							1	\$3,542	27	\$95,634
45	Equip Trailer	week	350	10%	1	\$385			20	\$7,700	5	\$1,925							1	\$385	27	\$10,395
46	Crane	week	2575	10%	1	\$2,833			8	\$22,660									1	\$2,833	10	\$28,325
47	Scraper	week	5750	10%							10	\$63,250							1	\$6,325	11	\$69,575
48	Compactor	week	2070	10%	1	\$2,277			20	\$45,540	5	\$11,385							1	\$2,277	27	\$61,479
49	Backhoe	week	975	10%	1	\$1,073			20	\$21,450	5	\$5,363							1	\$1,073	27	\$28,958
50	Maintenance	week	1500	10%	1	\$1,650	20	\$33,000			5	\$8,250							1	\$1,650	27	\$44,550
51	Fuel	week	2250	10%	1	\$2,475	20	\$49,500			5	\$12,375							1	\$2,475	27	\$66,825
52	Rad Instrument	week	165	10%	1	\$182	20	\$3,630													21	\$3,812
53	Decon Equipment	week	100	10%															1	\$110	1	\$110
54	Utilities	week	55	10%	1	<mark>\$6</mark> 1	20	\$1,210			5	\$303									26	\$1,573
55	Mob / Demob	each	2200	10%	2	\$4,840													2	\$4,840	4	\$9,680
	Equip / Supp Totals					\$48,936		\$137,540		\$465,707		\$217,512				\$16,910				\$53,164		\$939,769
	, <u> </u>																		-			
	Project Subtotals				I	\$78,136		\$1,563,113		\$465,707		\$408,692		\$16,500		\$168,950		\$44,200	Ι	\$79,644		\$2,824,942
	Insurance					\$2,344		\$46,893		\$13,971		\$12,261		\$495		\$5,069		\$1,326		\$2,389		\$84,748
	Bonding					\$3,125		\$62,525		\$18,628		\$16,348		\$660		\$6,758		\$1,768	ĺ	\$3,186		\$112,998

	φ/0,100	φ1,000,110	φ+00,101	φ+00,052	φ10,000	φ100,500	φ++,200	ψ15,044	Ψ2,024,342
Insurance	\$2,344	\$46,893	\$13,971	\$12,261	\$495	\$5,069	\$1,326	\$2,389	
Bonding	\$3,125	\$62,525	\$18,628	\$16,348	\$660	\$6,758	\$1,768	\$3,186	\$112,998
Total w/o Contingency	\$83,606	\$1,672,530	\$498,306	\$437,300	\$17,655	\$180,777	\$938,687	\$85,219	\$3,914,081
Total w/ Contingency	\$100,327	\$2,007,036	\$597,968	\$524,760	\$21,186	\$216,932	\$1,126,424	\$102,263	\$4,696,897
Insurance: 3.00%						Discount Rate:	5.00%		

3.00% Insurance:

4.00% Bonding:

Contingency: 20.00%

Discount Period (yrs):

100

1/5/04 1:05 PM