	New Horizons E	Environmen	tal Consulta	nts, Inc	. Bid Works	sheet														Confidentia	al
	NHECI Project # 2135									Scheduled Start Date Jan 1 04 Proposal Manager					Manager	RGK					
NHECI Project Name								led Finish	n Date Dec 1 04			Pro	Proposal Due Date		23-Oct-0)3					
	\$4,218,224 Total This Sheet				Task 1 Task 2			Task 3		T	Task 4 Task 5		ask 5	Task 6		Т	Task 7		Task 8		
	\$4,218,224 Total All Sheets		Mobilization		Construction Costs		Equipment Costs		Land Development		Disposal Costs		Engineering Costs		O & M		Demobilization				
	Labor Category	Individua		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	40	\$4,000			40	\$4,000							8	\$800	96	\$9,600
2	Proj Manager	RGK	90.00	40	\$3,600	760	\$68,400			200	\$18,000							40	\$3,600	1040	\$93,600
3	Proj Engineer	SMC	85.00	40	\$3,400	760	\$64,600			200	\$17,000			360	\$30,600			40	\$3,400	1400	\$119,000
4	RSO / HSO	DAB	75.00	40	\$3,000	760	\$57,000			200	\$15,000							40	\$3,000	1040	\$78,000
5	Rad. Technician	DAB	60.00	40	\$2,400	800	\$48,000													840	\$50,400
6	Site Supervisor	DAC	55.00	40	\$2,200	760	\$41,800			200	\$11,000							40	\$2,200	1040	\$57,200
7	Operator 1	TBD	50.00	40	\$2,000	1200	\$60,000			600	\$30,000							40	\$2,000	1880	\$94,000
8	Operator 2	Various	45.00	40	\$1,800	1200	\$54,000			600	\$27,000							40	\$1,800	1880	\$84,600
9	Labor	Various	40.00	40	\$1,600	1200	\$48,000			600	\$24,000							40	\$1,600	1880	\$75,200
10	Flagger	TBD	30.00				04.400				04.400						0 0 5 00	- 10	04.400		•
11	Administrative	Various	35.00	8	\$280	40	\$1,400			40	\$1,400					100	\$3,500	40	\$1,400	228	\$7,980
12																					
13			_																		
14																					
15	Interim tasks		#######			1	\$278,000													1	\$278,000
15	Total Hours		#######		336		7521				2680				360		100		328	111325	
15			######		336 21,080						2680 17,400				360 80,600		100 3,500		328 9,800	11325	\$278,000 \$947,580
15	Total Hours Labor Totals Subcontractor	Unit Rat	e MU				7521	Qty	Ext		17,400 Ext	Qty	Ext	\$3 Qty	80,600 Ext					Total	\$947,580 Ext
15	Total Hours Labor Totals Subcontractor Engineering	Hr 95	e MU	\$2	21,080	\$7	7521 25,200 Ext	Qty	Ext	\$14 Qty 40	Ext \$4,180	Qty	Ext	\$3	30,600	\$	3,500	\$1	9,800	Total 160	\$947,580 Ext \$16,720
16 17	Total Hours Labor Totals Subcontractor Engineering Surveying	Hr 95	e MU 10%	\$2	21,080	\$7	7521 25,200	Qty	Ext	\$14 Qty	17,400 Ext	Qty	Ext	Qty 120	Ext \$12,540	\$	3,500	\$1	9,800	Total 160 960	\$947,580 Ext \$16,720 \$100,320
16 17 18	Total Hours Labor Totals Subcontractor Engineering Surveying Drafting	Hr 95 Hr 95 Hr 75	e MU 10% 10% 10%	\$2	21,080	\$7 Qty 760	7521 25,200 Ext \$79,420	Qty	Ext	\$14 Qty 40 200	Ext \$4,180 \$20,900	Qty	Ext	\$3 Qty	80,600 Ext	\$	3,500	\$1	9,800	Total 160 960 80	\$947,580 Ext \$16,720 \$100,320 \$6,600
16 17 18 19	Total Hours Labor Totals Subcontractor Engineering Surveying Drafting Geotechnical	Hr 95 Hr 95 Hr 75 Hr 85	e MU 10% 10% 10% 10%	\$2	21,080	\$7 Qty	7521 25,200 Ext	Qty	Ext	\$14 Qty 40	Ext \$4,180			Qty 120	Ext \$12,540	\$	3,500	\$1	9,800	Total 160 960 80 600	\$947,580 Ext \$16,720 \$100,320 \$6,600 \$56,100
16 17 18 19 20	Total Hours Labor Totals Subcontractor Engineering Surveying Drafting Geotechnical Waste Transp 1	Hr 95 Hr 95 Hr 75 Hr 85 CY 6	e MU 10% 10% 10% 10% 10%	\$2	21,080	\$7 Qty 760	7521 25,200 Ext \$79,420	Qty	Ext	\$14 Qty 40 200	Ext \$4,180 \$20,900	Qty	Ext \$6,600	Qty 120	Ext \$12,540	\$	3,500	\$1	9,800	Total 160 960 80	\$947,580 Ext \$16,720 \$100,320 \$6,600
16 17 18 19 20 21	Total Hours Labor Totals Subcontractor Engineering Surveying Drafting Geotechnical Waste Transp 1 Waste Transp 2	Hr 95 Hr 95 Hr 75 Hr 85 CY 6 CY 15	e MU 10% 10% 10% 10% 10% 10%	\$2	21,080	\$7 Qty 760	7521 25,200 Ext \$79,420	Qty	Ext	\$14 Qty 40 200	Ext \$4,180 \$20,900	1000	\$6,600	Qty 120	Ext \$12,540	\$	3,500	\$1	9,800	Total 160 960 80 600 1000	\$947,580 Ext \$16,720 \$100,320 \$6,600 \$56,100 \$6,600
16 17 18 19 20 21 22	Total Hours Labor Totals Subcontractor Engineering Surveying Drafting Geotechnical Waste Transp 1 Waste Transp 2 Waste Disposal 1	Hr 95 Hr 95 Hr 75 Hr 85 CY 6 CY 15 CY 9	e MU 10% 10% 10% 10% 10% 10% 10% 10%	\$2	21,080	\$7 Qty 760	7521 25,200 Ext \$79,420	Qty	Ext	\$14 Qty 40 200	Ext \$4,180 \$20,900			Qty 120	Ext \$12,540	\$	3,500	\$1	9,800	Total 160 960 80 600	\$947,580 Ext \$16,720 \$100,320 \$6,600 \$56,100
16 17 18 19 20 21 22 23	Total Hours Labor Totals Subcontractor Engineering Surveying Drafting Geotechnical Waste Transp 1 Waste Transp 2 Waste Disposal 1 Waste Disposal 2	Hr 95 Hr 95 Hr 75 Hr 85 CY 6 CY 15 CY 9 CY 45	e MU 10% 10% 10% 10% 10% 10% 10% 10% 10%	\$2	21,080	\$7 Qty 760	7521 25,200 Ext \$79,420	Qty	Ext	\$14 Qty 40 200	Ext \$4,180 \$20,900	1000	\$6,600	Qty 120	Ext \$12,540	\$	3,500	\$1	9,800	Total 160 960 80 600 1000	\$947,580 Ext \$16,720 \$100,320 \$6,600 \$56,100 \$6,600
16 17 18 19 20 21 22 23 24	Total Hours Labor Totals Subcontractor Engineering Surveying Drafting Geotechnical Waste Transp 1 Waste Transp 2 Waste Disposal 1 Waste Disposal 2 Lab Analysis	Hr 95 Hr 95 Hr 75 Hr 85 CY 6 CY 15 CY 9 CY 45 each 78	e MU 10% 10% 10% 10% 10% 10% 10% 10% 10% 5 10%	\$2	21,080	\$7 Qty 760	7521 25,200 Ext \$79,420	Qty	Ext	\$14 Qty 40 200	Ext \$4,180 \$20,900	1000	\$6,600	Qty 120	Ext \$12,540	\$	3,500	\$1	9,800	Total 160 960 80 600 1000	\$947,580 Ext \$16,720 \$100,320 \$6,600 \$56,100 \$6,600
16 17 18 19 20 21 22 23 24 25	Total Hours Labor Totals Subcontractor Engineering Surveying Drafting Geotechnical Waste Transp 1 Waste Transp 2 Waste Disposal 1 Waste Disposal 2 Lab Analysis Gamma Spec /	Hr 95 Hr 95 Hr 75 Hr 85 CY 6 CY 15 CY 9 CY 45 each 78 week 120	e MU 10% 10% 10% 10% 10% 10% 10% 10% 10% 10%	\$2	21,080	\$7 Qty 760 400	7521 25,200 Ext \$79,420 \$37,400	Qty	Ext	\$14 Qty 40 200	Ext \$4,180 \$20,900	1000	\$6,600	Qty 120	Ext \$12,540	\$	3,500	\$1	9,800	Total 160 960 80 600 1000	\$947,580 Ext \$16,720 \$100,320 \$6,600 \$56,100 \$6,600 \$9,900
16 17 18 19 20 21 22 23 24 25 26	Total Hours Labor Totals Subcontractor Engineering Surveying Drafting Geotechnical Waste Transp 1 Waste Transp 2 Waste Disposal 1 Waste Disposal 2 Lab Analysis Gamma Spec / Slurry Wall	Hr 95 Hr 95 Hr 75 Hr 85 CY 6 CY 15 CY 9 each 78 week 120 ft2 3.7	e MU 10% 10% 10% 10% 10% 10% 10% 10% 10% 10%	\$2	21,080	\$7 Qty 760	7521 25,200 Ext \$79,420 \$37,400 \$495,000	Qty	Ext	\$14 Qty 40 200	Ext \$4,180 \$20,900	1000	\$6,600	Qty 120	Ext \$12,540	\$	3,500	\$1	9,800	Total 160 960 80 600 1000	\$947,580 Ext \$16,720 \$100,320 \$6,600 \$56,100 \$6,600 \$9,900
16 17 18 19 20 21 22 23 24 25 26 27	Total Hours Labor Totals Subcontractor Engineering Surveying Drafting Geotechnical Waste Transp 1 Waste Transp 2 Waste Disposal 1 Waste Disposal 2 Lab Analysis Gamma Spec / Slurry Wall Utility Relocation	Hr 95 Hr 95 Hr 75 Hr 85 CY 6 CY 15 CY 9 CY 45 each 78 week 120 ft2 3.7 LS 125	e MU 10% 10% 10% 10% 10% 10% 10% 10% 10% 5 10% 5 10% 5 10% 5 10% 6 10%	\$2	21,080	\$7 Qty 760 400	7521 25,200 Ext \$79,420 \$37,400 \$495,000 \$13,750	Qty	Ext	\$14 Qty 40 200	Ext \$4,180 \$20,900	1000	\$6,600	Qty 120	Ext \$12,540	\$	3,500	\$1	9,800	Total 160 960 80 600 1000 1000	\$947,580 Ext \$16,720 \$100,320 \$6,600 \$56,100 \$6,600 \$9,900 \$495,000 \$13,750
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 Waste Transp 2 Waste Disposal 1 Waste Disposal 2 Lab Analysis Gamma Spec / Slurry Wall Utility Relocation Demolition	Hr 95 Hr 95 Hr 95 CY 66 CY 15 CY 9 CY 45 each 78 week 120 ft2 3.7 CY 25 CY 25	e MU 10% 10% 10% 10% 10% 10% 10% 10% 10% 10%	\$2	21,080	\$7 Qty 760 400	7521 25,200 Ext \$79,420 \$37,400 \$495,000	Qty	Ext	\$14 Qty 40 200	Ext \$4,180 \$20,900	1000	\$6,600	Qty 120	Ext \$12,540	\$	Ext	\$1	9,800	Total 160 960 80 600 1000	\$947,580 Ext \$16,720 \$100,320 \$6,600 \$56,100 \$6,600 \$9,900 \$495,000 \$13,750 \$27,500
16 17 18 19 20 21 22 23 24 25 26 27 28 29	Total Hours Labor Totals Subcontractor Engineering Surveying Drafting Geotechnical Waste Transp 1 Waste Transp 2 Waste Disposal 1 Waste Disposal 2 Lab Analysis Gamma Spec / Slurry Wall Utility Relocation Demolition GW Monitoring	Hr 95 Hr 95 Hr 95 CY 66 CY 15 CY 9 CY 45 each 78 week 120 ft2 3.7 LS 125 CY 25 year 370	e MU 10% 10% 10% 10% 10% 10% 10% 10% 10% 10%	\$2	21,080	\$7 Qty 760 400	7521 25,200 Ext \$79,420 \$37,400 \$495,000 \$13,750 \$27,500	Qty	Ext	\$14 Qty 40 200	Ext \$4,180 \$20,900 \$18,700	1000	\$6,600	Qty 120	Ext \$12,540	\$	3,500	\$1	9,800	Total 160 960 80 600 1000 1000 1E+05 1 1000 1	\$947,580 Ext \$16,720 \$100,320 \$6,600 \$56,100 \$6,600 \$9,900 \$495,000 \$13,750 \$27,500 \$40,700
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 Waste Transp 2 Waste Disposal 1 Waste Disposal 2 Lab Analysis Gamma Spec / Slurry Wall Utility Relocation Demolition	Hr 95 Hr 95 Hr 95 CY 66 CY 15 CY 9 CY 45 each 78 week 120 ft2 3.7 CY 25 CY 25	e MU 10% 10% 10% 10% 10% 10% 10% 10% 10% 10%	\$2	21,080	\$7 Qty 760 400	7521 25,200 Ext \$79,420 \$37,400 \$495,000 \$13,750	Qty	Ext	\$14 Qty 40 200	Ext \$4,180 \$20,900	1000	\$6,600	Qty 120	Ext \$12,540	Qty	Ext	\$1	9,800	Total 160 960 80 600 1000 1000	\$947,580 Ext \$16,720 \$100,320 \$6,600 \$56,100 \$6,600 \$9,900 \$495,000 \$13,750 \$27,500
16 17 18 19 20 21 22 23 24 25 26 27 28 29	Total Hours Labor Totals Subcontractor Engineering Surveying Drafting Geotechnical Waste Transp 1 Waste Transp 2 Waste Disposal 1 Waste Disposal 2 Lab Analysis Gamma Spec / Slurry Wall Utility Relocation Demolition GW Monitoring	Hr 95 Hr 95 Hr 95 CY 66 CY 15 CY 9 CY 45 each 78 week 120 ft2 3.7 LS 125 CY 25 year 370 LS 550	e MU 10% 10% 10% 10% 10% 10% 10% 10% 10% 10%	\$2	21,080	\$7 Qty 760 400	7521 25,200 Ext \$79,420 \$37,400 \$495,000 \$13,750 \$27,500	Qty	Ext	\$14 Qty 40 200	Ext \$4,180 \$20,900 \$18,700	1000	\$6,600	Qty 120	Ext \$12,540	Qty	Ext	\$1	9,800	Total 160 960 80 600 1000 1000 1E+05 1 1000 1	\$947,580 Ext \$16,720 \$100,320 \$6,600 \$56,100 \$6,600 \$9,900 \$495,000 \$13,750 \$27,500 \$40,700

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New Horizons Environmental Consultants	s, Inc. Bid Works	heet							Confidential
NHECI Project # 2	2135				Scheduled Start	oposal Manager	RGK		
NHECI Project Name	CSMRI - Alternativ	e 2B - Engineered	Cap & Slurry Wall		Scheduled Finish	Date Dec 1 04	Pro	23-Oct-03	
\$4,218,224 Total This Sheet	Task 1	Task 2	Task 3	Task 4	Task 5	Task 6	Task 7	Task 8	
\$4,218,224 Total All Sheets	Mobilization	Construction Costs	Equipment Costs	Land Development	Disposal Costs	Engineering Costs	O & M	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	19 \$3,135		5 \$825				1 \$165	26 \$4,290
32 Vehicle Costs week 175 10%	1 \$193	19 \$3,658		5 \$963				1 \$193	26 \$5,005
33 PPE week 325 10%		19 \$6,793							19 \$6,793
34 Tools / Equip LS 8700 10%	1 \$9,570		3 \$28,710	2 \$19,140				1 \$9,570	7 \$66,990
	500 \$225	9500 \$4,275		2500 \$1,125				2000 \$900	14500 \$6,525
36 Air Monitoring week 650 10%	1 \$715	8 \$5,720							9 \$6,435
37 Stormwater Mgt. LS 2100 10%	1 \$2,310	2 \$4,620		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		9 \$20,444	5 \$11,358				1 \$2,272	16 \$36,344
40 Loader 1 week 2455 10%	1 \$2,701		9 \$24,305	5 \$13,503				1 \$2,701	16 \$43,208
41 Loader 2 week 2887 10%	1 \$3,176		9 \$28,581	5 \$15,879				1 \$3,176	16 \$50,811
42 Excavator week 2962 10%	1 \$3,258		9 \$29,324	5 \$16,291				1 \$3,258	16 \$52,131
43 Grader week 2829 10%	1 \$3,112		9 \$28,007	5 \$15,560				1 \$3,112	16 \$49,790
44 Water truck week 3220 10%	1 \$3,542		9 \$31,878	5 \$17,710				1 \$3,542	16 \$56,672
45 Equip Trailer week 350 10%	1 \$385		9 \$3,465	5 \$1,925				1 \$385	16 \$6,160
46 Crane week 2575 10%									
47 Scraper week 5750 10%	1 \$6,325		18 \$113,850	10 \$63,250				1 \$6,325	30 \$189,750
48 Compactor week 2070 10%	1 \$2,277		9 \$20,493	5 \$11,385				1 \$2,277	16 \$36,432
49 Backhoe week 975 10%	1 \$1,073		9 \$9,653	5 \$5,363				1 \$1,073	16 \$17,160
50 Maintenance week 1500 10%	1 \$1,650		9 \$14,850	5 \$8,250				1 \$1,650	16 \$26,400
51 Fuel week 2250 10%	1 \$2,475		9 \$22,275	5 \$12,375				1 \$2,475	16 \$39,600
52 Rad Instrument week 165 10%	1 \$182		5 \$908						6 \$1,089
53 Decon Equipment week 100 10%								1 \$110	1 \$110
54 Utilities week 55 10%	1 \$61	19 \$1,150		5 \$303				1 \$61	26 \$1,573
55 Mob / Demob each 2200 10%	1 \$2,420							1 \$2,420	2 \$4,840
Equip / Supp Totals	\$50,009	\$29,350	\$376,741	\$217,512				\$45,662	\$719,273
Project Subtotals	\$71,089	\$1,413,670	\$376,741	\$414,742	\$16,500	\$49,740	\$44,200	\$65,462	\$2,452,143
Insurance	\$2,133	\$42,410	\$11,302	\$12,442	\$495	\$1,492	\$1,326	\$1,964	\$73,564
Bonding	\$2,844	\$56,547	\$15,070	\$16,590	\$660	\$1,990	\$1,768	\$2,618	\$98,086
Total w/o Contingency	\$76,065	\$1,512,626	\$403,113	\$443,773					
Total w/ Contingency	\$91,278	\$1,815,152	\$483,736	\$532,528	\$21,186	\$63,866	\$1,126,424	\$84,054	\$4,218,224
Insurance: 3.00%						Discount Rate:	5.00%	1	
Bonding: 4.00%					Disco	unt Period (yrs):	100	i	

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Contingency: 20.00%