

Engineering Fees Cost Estimate Dredging Contract Administration																			
Browns Lake Sanitary District Browns Lake Dredging (5/14/2024)																			
CLASSIFICATION		Project Manager		Project Engineer II		Technician III		Project Surveyor		Survey Crew		Environmental Scientist II		Environmental Scientist I		Others		Total Labor	
Average Hourly Wage		\$185.00		\$135.00		\$125.00		\$160.00		\$150.00		\$130.00		\$103.00		Lump Sum			
TASK DESCRIPTION	ACT. Code	Hours	Dollars	Hours	Dollars	Hours	Dollars	Hours	Dollars	Hours	Dollars	Hours	Dollars	Hours	Dollars	Units	Dollars	Hours	Dollars
TASK 1 Project Coordination																			
Engineering Contract Administration		94	\$17,390	24	\$3,240													118	\$20,630
Meetings with WDNR / DOT		10	\$1,850	10	\$1,350													20	\$3,200
Internal Coordination Meetings		35	\$6,475	35	\$4,725							12	\$1,560					82	\$12,760
		139	\$25,715	69	\$9,315							12	\$1,560					220	\$36,590
TASK 2 Construction Plans																			
Dredging - Final Dewatering Site Plans		40	\$7,400	80	\$10,800													120	\$18,200
Dredging - Review of Contractor Plans/Submittals		40	\$7,400	40	\$5,400													80	\$12,800
Dredging - Quantities and Cost Estimates		16	\$2,960	40	\$5,400													56	\$8,360
Survey				6	\$810			11	\$1,760	24	\$3,600							41	\$6,170
		96	\$17,760	166	\$22,410			11	\$1,760	24	\$3,600							297	\$45,530
TASK 3 Permitting																			
Chapter 30 - IP Dredging Compliance		20	\$3,700	60	\$8,100													80	\$11,800
Chapter 30 - Miscellaneous Structures												10	\$1,300	8	\$824			18	\$2,124
WPDES - Carriage and Interstitial Water from Dredging		30	\$5,550			10	\$1,250											40	\$6,800
WPDES Compliance during Dredging		60	\$11,100	100	\$13,500													160	\$24,600
WisDOT - ROW permit				8	\$1,080													8	\$1,080
NOI - Stormwater Discharge Erosion Control				30	\$4,050													30	\$4,050
Low Hazard Exemption		30	\$5,550			15	\$1,875											45	\$7,425
		140	\$25,900	198	\$26,730	25	\$3,125					10	\$1,300	8	\$824			381	\$57,879
TASK 4 Construction Management																			
Dredging - Construction Staking								16	\$2,560	32	\$4,800							48	\$7,360
Dredging - Staging Area Inspection				47	\$6,345													47	\$6,345
Dredging - Inspection of Pond Grading				180	\$24,300													180	\$24,300
Dredging - Inspection of pipe route completion				30	\$4,050													30	\$4,050
Dredging - Erosion Control Inspection		40	\$7,400	752	\$101,520													792	\$108,920
Verification for payment (quantity)		20	\$3,700	50	\$6,750													70	\$10,450
		60	\$11,100	1059	\$142,965			16	\$2,560	32	\$4,800							1,167	\$161,425
TOTALS		435	\$80,475	1492	\$201,420	25	\$3,125	27	\$4,320	56	\$8,400	22	\$2,860	8	\$824			2,065	\$301,424
											Expenses:								\$43,000
											Project Total:								\$344,424

Summary of Expenses	Units	Cost	Total
Estimated Expenses			
Pre- and Post-Dredge Survey by others (LS)	1	\$43,000.00	\$43,000.00
Totals			\$43,000.00

By Mapping Network