

Cost Breakdown of Lump Sum Items
YMCA Camp Belknap - Wastewater Disposal Improvements
Tuftsboro, New Hampshire

Prepared By: Underwood Engineers

BID ITEM	DESCRIPTION	Ambrose Bros., Inc.	Integrity Earthworks, LLC	M.E. Latulippe Construction, Inc.
		PRICE	PRICE	PRICE
Item No. 1: Wastewater Pretreatment System and Site Improvements				
1-A	Sitework (incl):	\$ 126,988.20		
1-A.1	Clearing		\$ 18,387.00	\$ 25,100.00
1-A.2	Strip top soil		\$ 4,833.00	
1-A.3	Rough grade		\$ 8,760.00	
1-A.4	Access road		\$ 9,088.75	\$ 4,500.00
1-A.5	Drainage		\$ 4,948.00	\$ 1,800.00
1-A.6	Piping		\$ 89,441.00	\$ 31,150.00
1-A.7	Dewatering		\$ 22,985.00	\$ 25,000.00
1-A.8	Loam and Seed		\$ 12,039.00	\$ 26,600.00 (3)
1-A.9	Temp. Crane Setup			\$ 2,000.00
1-A.10	Crane			\$ 12,500.00
1-A.11	Excavation			\$ 48,000.00
1-A.12	Tank bedding			\$ 6,000.00
1-A.13	Tank backfill			\$ 47,200.00
1-A.14	Layout			\$ 8,000.00
1-B	Concrete/tanks	\$ 43,000.00	\$ 84,542.00	\$ 268,600.00 (4)
1-C	Carpentry/compressor building	\$ 19,000.00	\$ 17,500.00	\$ 43,500.00
1-D	Equipment/Instrumentation		\$ 160,875.00	
1-D.1	Equipment	\$ 222,500.00		\$ 70,000.00
1-D.2	Instrumentation	\$ 10,000.00		
1-E	Electrical/Mechanical		\$ 20,780.00	
1-E.1	Electrical	\$ 42,000.00		
1-E.2	Electrical site work			\$ 55,000.00
1-E.3	Mechanical	\$ 54,500.00		
1-H	Startup and Testing	\$ 7,500.00	\$ 5,134.00	\$ 6,000.00
1-I	SWPPP			\$ 3,500.00
1-J	Erosion Control			\$ 17,000.00
1-K	Supervision			\$ 28,000.00
	Subtotal	\$ 525,488.20	\$ 459,312.75	\$ 729,450.00
Item No. 2: Wastewater Lagoon Decommissioning				
2-A	Sitework	\$ 31,760.07		\$ 159,000.00
2-B	Demolition	\$ 25,500.00	\$ 7,076.00	
2-C	Sludge Transfer	\$ 25,600.00	\$ 50,121.00	\$ 45,000.00
2-D	Lagoon Dewatering	\$ 7,000.00	\$ 10,079.00	incl. sludge transfer
2-D.1	Controlled pumping		\$ 11,724.00	
2-E	Fill material, backfill, compaction	\$ 83,000.00	\$ 205,106.00	
2-F	Drainage	\$ 11,000.00	\$ 32,176.20	
2-G	Sludge Conversion to topsoil	\$ 26,100.00	\$ 66,500.00	
2-H	Loam and seed	\$ 35,000.00	\$ 30,460.00	\$ 68,500.00
	Subtotal	\$ 244,960.07	\$ 413,242.20	\$ 272,500.00
Item No. 3: Subsurface Disposal Area				
3-A	Sitework	\$ 80,454.86	In Item No. 2	
	Silt fence and erosion control			\$ 4,000.00
	Demo			\$ 3,000.00
3-B	Fill materials			
3-B.1	Select sand layer	\$ 87,500.00	\$ 126,599.00	\$ 205,650.00
3-B.2	Place onsite fill			\$ 35,000.00
3-C	Pressure Distribution System	\$ 30,500.00	\$ 24,300.00	\$ 90,725.00 (5)
3-D	Startup and testing	\$ 3,500.00	\$ 5,292.00	
3-E	Soils testing			\$ 5,000.00
	Subtotal	\$ 201,954.86	\$ 156,191.00	\$ 343,375.00
Item No. 18: Mobilization and Startup				
18-A	Mobilization	\$ 10,000.00	\$ 18,500.00	\$ 2,200.00
18-B	Insurances		\$ - (1)	\$ 1,900.00
18-C	Administrative costs	\$ 3,500.00	\$ 22,500.00	\$ 1,000.00
18-D	Site Security	\$ 1,000.00	\$ 5,000.00	\$ 1,200.00
18-E	Jobsite Trailers	\$ 5,000.00	\$ 8,900.00	\$ 1,600.00
18-F	Staging areas	\$ -	\$ 22,400.00	\$ 500.00
18-G	Preconstruction survey	\$ 5,000.00	\$ 16,050.00 (2)	\$ 1,100.00
18-H	General conditions	\$ 42,681.66	\$ 119,450.00	\$ 500.00
18-I	Demobilization	\$ 1,000.00	\$ 10,000.00	incl. in mob.
	Subtotal	\$ 68,181.66	\$ 222,800.00	\$ 10,000.00
Item No. 24: West Campus Wastewater Collection System and Subsurface Disposal				
24-A	Site Work	\$ 51,420.27		\$ 12,000.00
24-A.1	Clearing		\$ 11,180.00	\$ 8,000.00
24-A.2	Rough grade		\$ 15,606.00	\$ 11,000.00 (6)
24-A.3	Leaching system		\$ 37,728.00	\$ 53,900.00 (7)
24-A.4	Restoration		\$ 9,150.00	\$ 13,600.00
24-A.5	Erosion Control			\$ 5,000.00
24-B	Collection System Piping	\$ 29,000.00	\$ 29,695.00	\$ 35,500.00 (8)
24-C	Sewage Pumping Station	\$ 19,000.00		\$ 32,500.00
	Electrical		\$ 2,500.00	
24-D	Septic Tanks	\$ 12,000.00		\$ 15,500.00 (9)
24-E	Fill Materials	\$ 76,000.00		
24-F	Startup and Testing			
24-G	Survey and layout	\$ 500.00		\$ 2,500.00
	Supervision			\$ 14,000.00
	Subtotal	\$ 187,920.27	\$ 105,859.00	\$ 203,500.00

- Cost of insurance is included as a cost factor, not as line item.
- Includes cost of providing As Built plans.
- Includes cost of some drainage improvements
- Includes Clean Solution, overflow tank, wetwell, and valve pit
- Includes crushed stone, pipe and fittings, and equipment and labor
- Includes rough grading and diversion swale
- Includes sand, crushed stone, and installation of leach fields
- Includes 4" gravity lines, 6" gravity line, and force main
- Includes new 2,500 gal tank, new 1,250 gal tank, and fill of existing tank