

Table 1.		<u>Big Eau Pleine Reservoir Aeration System</u>	
		<u>Cost Estimate for</u>	
		<u>Aerator Building and Aeration Lines **</u>	
<u>AERATOR BUILDING</u>			
<u>Custom Manufacturer</u>			
Manifolds		\$3,000.00	
<u>Ferguson Enterprises, Inc</u>			
Blower pressure relief valves		\$1,000.00	
<u>Simone Engineering</u>			
Air flow pressure gauges		\$600.00	
<u>Motion Industries</u>			
Blower speed upgrades		\$2,000.00	
<u>McMaster Carr</u>			
Building Ventilation		\$1,500.00	
		SubTotal =	\$8,100.00
<u>PVC AERATION LINES</u>			
<u>Ferguson Enterprises, Inc - Aeration Line Materials</u>			
2" ID PESI 15NK100 (Aeration line)		\$19,261.00	(22,000 ft @ \$0.8755/ft) Replace all 14 lines
2" brass insert couplings		\$670.68	(36 @ \$18.63 ea)
2" brass insert male adaptors		\$172.90	(14 @ \$12.35/ea)
2" stainless steel threaded end caps		\$70.98	(14 @ \$5.07/ea)
2" brass/nickel plated ball valves		\$536.34	(14 @ \$38.31/ea)
2" brass male adapters for ball valves		\$172.90	(14 @ \$12.35/ea)
Stainless steel hose clamps		\$85.14	(86 @ \$0.99/ea)
Tooling for airline brass orifices		\$200.00	
		Aeration line materials =	\$21,169.94
<u>Wausau Steel Corporation</u>			
5/8" rebar Grade 40		\$10,560.00	(22,000 ft @ \$0.48/ft) Sink aeration lines
Misc Materials		\$100.00	
		Rebar + misc =	\$10,660.00
<u>J.F. Brennan Co., Inc. (Commercial Divers)</u>			
Mobilization/Demobilization		\$1,000.00	
3-person commercial dive team		\$13,250.00	(\$2,650/day @ 5 days) contingency for assistance in removal of existing aeration lines.
		\$14,250.00	

