



**CITY OF AURORA
ENGINEER'S OPINION OF PROBABLE COSTS - MASTODON LAKE**

PAY ITEM #	CODED PAY ITEMS	UNITS	QUANTITY	UNIT COST	COST
SPECIAL	HYDRAULIC DREDGING & DEWATERING	CU YD	50,000	\$ 48.00	\$ 2,400,000.00
SPECIAL	MECHANICAL DREDGING	CU YD	1,000	\$ 75.00	\$ 75,000.00
X2020410	EARTH EXCAVATION SPECIAL - HAULING	CU YD	26,000	\$ 35.00	\$ 910,000.00
20201200	REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL	CU YD	550	\$ 60.00	\$ 33,000.00
SPECIAL	EARTH EXCAVATION SPECIAL - SHORELINE SHAPING	FOOT	1,073	\$ 35.00	\$ 37,555.00
21400100	GRADING AND SHAPING DITCHES	FOOT	125	\$ 20.00	\$ 2,500.00
28000400	PERIMETER EROSION BARRIER	FOOT	8,039	\$ 3.50	\$ 28,136.50
X1200247	TURBIDITY CURTAIN	FOOT	220	\$ 5.00	\$ 1,100.00
28000305	TEMPORARY DITCH CHECKS	FOOT	400	\$ 10.00	\$ 4,000.00
25100630	EROSION CONTROL BLANKET, S75	SQ YD	19,371	\$ 2.00	\$ 38,742.00
SPECIAL	COIR LOG - TOE OF SLOPE PROTECTION	FOOT	2,275	\$ 10.00	\$ 22,750.00
SPECIAL	PERIMETER EXCLUSION BARRIER - WILDLIFE EXCLUSION	FOOT	6,694	\$ 4.00	\$ 26,776.00
25100635	HEAVY DUTY EROSION CONTROL BLANKET - C125-BN	SQ YD	1,468	\$ 2.75	\$ 4,037.00
25100635	HEAVY DUTY EROSION CONTROL BLANKET - SC150-BN	SQ YD	4,972	\$ 2.50	\$ 12,430.00
28000250	TEMPORARY EROSION CONTROL SEEDING	POUND	217	\$ 20.00	\$ 4,340.00
25100115	MULCH, METHOD 2	ACRE	2.17	\$ 2,100.00	\$ 4,552.80
25100125	MULCH, METHOD 3	ACRE	3.09	\$ 2,500.00	\$ 7,725.00
Z0013798	CONSTRUCTION LAYOUT	L SUM	1	\$ 12,500.00	\$ 12,500.00
67100100	MOBILIZATION	L SUM	1	\$ 62,500.00	\$ 62,500.00
X6640200	TEMPORARY CHAIN LINK FENCE - SECURITY FENCE	FOOT	3,362	\$ 22.00	\$ 73,964.00
X7010216	TRAFFIC CONTROL AND PROTECTION, (SPECIAL)	L SUM	1	\$ 15,000.00	\$ 15,000.00
20101700	SUPPLEMENTAL WATERING	MONTH	6	\$ 3,000.00	\$ 18,000.00
20101100	TREE TRUNK PROTECTION	EACH	10	\$ 175.00	\$ 1,750.00
X2010400	STUMP REMOVAL ONLY	UNIT	80	\$ 12.50	\$ 1,000.00
K0012950	HERBICIDE APPLICATION	ACRE	6.22	\$ 2,500.00	\$ 15,550.00
XX006144	SEEDING (SPECIAL), MESIC PRAIRIE	ACRE	2.58	\$ 5,000.00	\$ 12,900.00
XX006145	SEEDING (SPECIAL), WET MESIC	ACRE	3.64	\$ 6,500.00	\$ 23,660.00
SPECIAL	SEEDING - AURORA MIX	ACRE	3.09	\$ 3,000.00	\$ 9,270.00
K0013030	PERENNIAL PLANTS, WETLAND TYPE, 2" DIAMETER BY 4" DEEP PLUG	EACH	3,200	\$ 6.00	\$ 19,200.00
K0013000	PERENNIAL PLANTS, PRAIRIE TYPE, 2" DIAMETER BY 4" DEEP PLUG	EACH	3,800	\$ 5.00	\$ 19,000.00
25301700	SHRUBS - CORAL BERRY, 5 GAL CONTAINER	EACH	55	\$ 80.00	\$ 4,400.00
SPECIAL	SELECTIVE MOWING STAKES SPECIAL	EACH	36	\$ 100.00	\$ 3,600.00
28100705	STONE RIPRAP, CLASS A3	SQ YD	236	\$ 75.00	\$ 17,700.00
SPECIAL	LIMESTONE OUTCROPPING	EACH	4	\$ 8,500.00	\$ 34,000.00
X0322671	TEMPORARY CONSTRUCTION ENTRANCE	EACH	4	\$ 4,550.00	\$ 18,200.00
28500200	PRECAST BLOCK REVETMENT MAT	SQ.YD.	205.5556	\$ 36.00	\$ 7,400.00
20800150	TRENCH BACKFILL	CU YD	20	\$ 45.00	\$ 900.00
44201683	CLASS D PATCHES, TYPE III, 4 INCH	SQ YD	310	\$ 45.00	\$ 13,940.00
SPECIAL	NATURAL STONE BOULDERS (12" DIA MIN.)	SQ YD	196	\$ 120.00	\$ 23,533.33
SPECIAL	ELECTRICAL	L SUM	1	\$ 45,000.00	\$ 45,000.00
SPECIAL	AERATION FOUNTAIN LIGHTING	EACH	3	\$ 5,000.00	\$ 15,000.00
SPECIAL	ITEMS ORDERED BY ENGINEER	EACH	250,000	\$ 1.00	\$ 250,000.00
SPECIAL	MONITORING AND MAINTENANCE	YEAR	5	\$ 15,000.00	\$ 75,000.00
SPECIAL	PIPE CULVERTS TO BE CLEANED - 12"	FOOT	22	\$ 8.00	\$ 176.00
28000500	INLET AND PIPE PROTECTION	EACH	36	\$ 200.00	\$ 7,200.00
54200451	PIPE CULVERTS, TYPE 1 RCCP 24"	FOOT	50	\$ 150.00	\$ 7,500.00
SPECIAL	AERATION FOUNTAIN (COMPLETE)	EACH	5	\$ 15,000.00	\$ 75,000.00
SPECIAL	AERATION DIRECTIONAL MIXER (COMPLETE)	EACH	2	\$ 12,000.00	\$ 24,000.00
SPECIAL	AERATOR MAINTENANCE	YEAR	5	\$ 5,000.00	\$ 25,000.00

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\$ 4,544,487.63