



MISSOURI
DEPARTMENT OF
NATURAL RESOURCES

Michael L. Parson
Governor

Dru Buntin
Director

MEMORANDUM
2023-003

DATE: July 12, 2022

TO: All Soil and Water Conservation Districts

FROM: Jim Plassmeyer, Director *JP*
Soil and Water Conservation Program

SUBJECT: June 2022 State Cost List

The June 2022 State Cost List has been finalized and is attached for your reference.

In previous years, the Soil and Water Districts Commission has set state average costs for all state cost-share components, with the exception of the earthmoving components. Districts were allowed to develop county average costs for earthmoving components that could exceed the state average cost by no more than ten percent above the state average cost.

At the April 13, 2022 Soil and Water Districts Commission meeting, the commission approved the utilization of state average costs for all cost-share components beginning July 1, 2022. This change will no longer allow districts to approve earthmoving components above state average cost. The state average costs have been entered into MoSWIMS as part of the rollover process. Districts have the flexibility to enter a lower cost for any component if the state average cost is higher than local prices within your district.

The component definition for Earthfill, Compacted Medium (diversions, wascobs) has been updated in MoSWIMS. In addition, the topsoiling component has been added as an eligible component for the DWP-01 Sediment Retention Control Structure practice. The following components have also been added to the June 2022 State Cost List:

298 Riser 24"
9195 Riser 20"
9196 Riser 22"
9197 Flap Gate 22"
9190 Flap Gate 26"

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9191 Flap Gate 30"

9192 Flap Gate 36"

9193 Flap Gate 42"

9194 Flap Gate 48"

If you have any questions on the information contained in this memorandum, please contact your district coordinator. Thank you.

Attachment

FY2023 State Cost List

Seq #	Component Name	Category	FY2023 Cost	Unit
1	EARTHFILL, COMP LARGE (DAMS, DIKES) CU YD	EARTH	\$4.07	CU YD
2	EARTHFILL, COMP SMALL (DAMS, DIKES) CU YD	EARTH	\$5.04	CU YD
3	GRADING/SHAP LIGHT	EARTH	\$825.00	AC
4	GRADING/SHAP MED	EARTH	\$1,685.00	AC
5	GRADING/SHAP HEAVY	EARTH	\$2,310.00	AC
7	SIDRAINSTR 0-8FT	EARTH	\$38.00	FT
8	SIDRAINSTR 8.1-10FT	EARTH	\$39.00	FT
9	SIDRAINSTR 10.1-12	EARTH	\$41.00	FT
10	SIDRAINSTR 12.1-14	EARTH	\$43.00	FT
11	SIDRAINSTR 14.1-16	EARTH	\$45.00	FT
12	SIDRAINSTR 16.1-+	EARTH	\$66.00	FT
13	TEMP BERM REMOVAL	EARTH	\$1.33	FT
14	TERRBR BASENONPRUGO	EARTH	\$3.71	LIN FT
15	TERRBR BASENONPRWW	EARTH	\$3.19	LIN FT
16	TERRBRBASEPRUGO	EARTH	\$3.85	LIN FT
17	TERRBR BASEPRWATERW	EARTH	\$3.61	LIN FT
18	TERRNRBASEW/UGO	EARTH	\$3.34	LIN FT
19	TERRNR BASEWATERWAY	EARTH	\$3.19	LIN FT
20	TERRST BACKSLOPEUGO	EARTH	\$3.65	LIN FT
21	TERRST BACKSLOPEWW	EARTH	\$3.33	LIN FT
22	TOPSOILTERR	EARTH	\$1.91	LIN FT
23	WATERWAY	EARTH	\$3,842.30	AC
24	WATERWAY(2)	EARTH	\$3.28	CU YD
964	EARTHFILL, COMP MEDIUM (DIVERSIONS, WASCOBS)	EARTH	\$3.97	CU YD
25	1-WIRE HI-TENSILE	FENCE	\$0.92	FT
26	EACH ADDITIONAL WIRE OR ELECTRIC OFFSET	FENCE	\$0.15	FT
28	EACH ADDITIONAL WIRE (BARBED)	FENCE	\$0.12	FT
29	WOVENWIRE	FENCE	\$3.10	FT
30	CATTLE PANEL	FENCE	\$2.51	FT
31	ELECFENCEENERG1 - 5J (AC)	FENCE	\$234.00	EA
32	ELECFENCEENERG6 - 10J	FENCE	\$310.00	EA
33	ELECFENCE ENERGI1+	FENCE	\$640.00	EA
34	ENERGIZER INST AC	FENCE	\$276.00	EA
35	ENERGIZER INST SOL	FENCE	\$291.89	EA
1017	ELECFENCEENERG1 - 5J (SOLAR)	FENCE	\$425.00	EA
9001	TOTAL EXCLUSION - ELECTRIC	FENCE	\$1.07	FT
9025	4-STRAND BARBEDWIR	FENCE	\$2.42	FT
40	BENTONITE	GEN CON	\$15.00	BAG
47	INSITU CLAY PAD	GEN CON	\$5.63	CU YD
48	SODA ASH	GEN CON	\$414.29	TON
51	GRAVEL	GEN CON	\$23.25	TON
52	ROCK 3IN-6IN	GEN CON	\$23.85	TON
53	RIP-RAP > 6"	GEN CON	\$32.56	TON
55	CONCRETE (FLAT)	GEN CON	\$347.00	CU YD

56	CONCRETE (STRUCT)	GEN CON	\$435.00	CU YD
57	CONCRETE BLOCKS	GEN CON	\$3.50	EA
59	PRE-CAST CONCPAD	GEN CON	\$9.70	SQ FT
62	OFF-SITE FILL/BORR	GEN CON	\$19.10	CU YD
63	GEOTEXTILEFABRIC LT	GEN CON	\$3.00	SQ YD
64	GEOTEXTILEFABRIC HVY	GEN CON	\$5.52	SQ YD
70	TRENCH/BKFILL < 12IN	GEN CON	\$1.76	FT
71	TRENCH/BKFILL > =12IN	GEN CON	\$1.96	FT
717	CONCRETE VERTDRAIN	GEN CON	\$121.05	CU YD
9058	GRAVEL-RECONSTRUCTION	GEN CON	\$23.25	TON
9059	CONCRETE-RECONSTRUCTION	GEN CON	\$347.00	CU YD
9060	GEOTEXTILE FABRIC- RECONSTRUCTION	GEN CON	\$3.00	SQ YD
87	SPKRPACK&DR / PRESRG	IRR	\$7.20	FT
88	SPKRPACK W/DROPS	IRR	\$5.04	FT
89	SPRKPAC W/O DROPS	IRR	\$3.19	FT
90	SURGEVALVE 8IN	IRR	\$2,997.50	EA
91	SURGEVALVE 10IN	IRR	\$3,200.00	EA
92	SURGEVALVE 12IN	IRR	\$3,600.00	EA
94	UNDGPIPS > 50FT - 6IN	IRR	\$9.93	FT
95	UNDGDPIPS > 50 FT - 8IN	IRR	\$17.66	FT
96	UNDGDPIPS > 50 FT - 10IN	IRR	\$27.58	FT
97	UNDGDPIPS > 50FT - 12IN	IRR	\$33.35	FT
98	UNDGDPIPS > 50FT - 15IN	IRR	\$50.17	FT
99	UNDGDPIPES < =50FT-8IN	IRR	\$137.60	FT
100	UNDGDPIPS < =50FT-10IN	IRR	\$185.27	FT
101	UNDGDPIPS < =50FT-12IN	IRR	\$199.11	FT
102	UNDGDPIPS < =50FT-15IN	IRR	\$227.02	FT
9185	UNDGDPIPS < =50 FT-6 INCH	IRR	\$100.53	FT
9186	UNDGDPIPS < =50FT-18IN	IRR	\$260.01	FT
9187	UNDGDPIPS > 50 FT-18 INCH	IRR	\$57.19	FT
678	COCRTGRADE STABSTRUC	OTHER	\$650.00	CU YD
689	SOIL TEST	OTHER	\$20.00	EA
690	STRAW BALE	OTHER	\$5.00	EA
934	SILT FENCE	OTHER	\$2.00	LIN FT
8099	1 OR 2 SPECIES COVER CROP INCENTIVE	OTHER	\$30.00	AC
9002	N585 CONTOUR STRIPCROPPING OPI	OTHER	\$15.00	AC
9003	N386 FIELD BORDER OPI	OTHER	\$780.00	AC
9004	N393 FILTER STRIP OPI	OTHER	\$1,300.00	AC
9008	N391 RIPARIAN FOREST BUFFER OPI	OTHER	\$1,560.00	AC
9012	N380 WINDBREAK/SHELTERBELT ESTABLISHMENT INCENTIVE	OTHER	\$1.50	LIN FT
9013	WQ10 STREAM PROTECTION OPI	OTHER	\$650.00	AC
9014	N725 SINKHOLE TREATMENT OPI	OTHER	\$300.00	AC
9015	N332 CONTOUR BUFFER STRIP OPI	OTHER	\$800.00	AC
9016	C100 TIMBER HARVEST PLAN INCENTIVE (75+ ACRES)	OTHER	\$15.00	AC
9017	C100 TIMBER HARVEST PLAN INCENTIVE (20-75 ACRES)	OTHER	\$20.00	AC
9023	WATERSOURCE (POND OR WELL)	OTHER	\$8,000.00	EA
9024	DRAINAGE WATER MANAGEMENT	OTHER	\$650.00	AC

9038	SINKHOLE PROTECTION INCENTIVE	OTHER	\$300.00	EA
9046	PEST MANAGEMENT INCENTIVE	OTHER	\$10.00	AC
9047	NUTRIENT MANAGEMENT INCENTIVE	OTHER	\$20.00	AC
9052	BEI- BUFFER EXTENSION INCENTIVE	OTHER	\$500.00	AC
9053	3 OR MORE SPECIES COVER CROP INCENTIVE	OTHER	\$40.00	AC
9054	INITIAL STANDARD SOIL HEALTH PACKAGE TEST	OTHER	\$90.00	EA
9055	FOLLOW UP STANDARD SOIL HEALTH PACKAGE TEST	OTHER	\$70.00	EA
9056	PWSS WATER METER AND SETUP	OTHER	\$4,666.00	EA
9057	DSP 3.1 PWSS WATER METER AND SETUP	OTHER	\$99,999.99	EA
9139	CNMP DEVELOPMENT INCENTIVE	OTHER	\$2,000.00	EA
9140	GRAZING SCHOOL ATTENDANCE INCENTIVE	OTHER	\$75.00	EA
9168	C650 LIGHT DESIGN	OTHER	\$3,000.00	EA
9169	C650 MEDIUM DESIGN	OTHER	\$4,000.00	EA
9170	C650 HEAVY DESIGN	OTHER	\$5,000.00	EA
9188	4R NUTRIENT MANAGEMENT INCENTIVE	OTHER	\$12.00	AC
103	SMOOTH STEEL 3IN	PIPE	\$5.40	FT
104	SMOOTH STEEL 4IN	PIPE	\$7.68	FT
105	SMOOTH STEEL 5IN	PIPE	\$10.39	FT
106	SMOOTH STEEL 6IN	PIPE	\$13.68	FT
107	SMOOTH STEEL 8IN	PIPE	\$17.22	FT
108	SMOOTH STEEL 10IN	PIPE	\$20.65	FT
109	SMOOTH STEEL 12IN	PIPE	\$23.72	FT
110	SMOOTH STEEL 14IN	PIPE	\$27.50	FT
111	SMOOTH STEEL 16IN	PIPE	\$34.21	FT
112	SMOOTH STEEL 18IN	PIPE	\$47.50	FT
113	SMOOTH STEEL 20IN	PIPE	\$53.30	FT
114	SMOOTH STEEL 22IN	PIPE	\$45.00	FT
115	SMOOTH STEEL 24IN	PIPE	\$48.75	FT
116	SMOOTH STEEL 26IN	PIPE	\$62.76	FT
117	SMOOTH STEEL 30IN	PIPE	\$74.75	FT
118	SMOOTH STEEL 36IN	PIPE	\$127.50	FT
119	SMOOTH STEEL 42IN	PIPE	\$173.00	FT
120	SMOOTH STEEL 48IN	PIPE	\$198.00	FT
132	CORRUGATESTEEL 4IN	PIPE	\$5.09	FT
133	CORRUGATESTEEL 6IN	PIPE	\$7.72	FT
134	CORRUGATESTEEL 8IN	PIPE	\$9.14	FT
135	CORRUGATESTEEL 10IN	PIPE	\$9.67	FT
136	CORRUGATESTEEL 12IN	PIPE	\$14.59	FT
137	CORRUGATESTEEL 15IN	PIPE	\$20.10	FT
138	CORRUGATESTEEL 18IN	PIPE	\$38.80	FT
139	CORRUGATESTEEL 20IN	PIPE	\$39.60	FT
141	CORRUGATESTEEL 24IN	PIPE	\$48.03	FT
142	CORRUGATESTEEL 30IN	PIPE	\$65.16	FT
143	CORRUGATESTEEL 36IN	PIPE	\$74.18	FT
152	PVC 3/4IN	PIPE	\$1.01	FT
153	PVC 1IN	PIPE	\$1.42	FT
154	PVC 1 1/4IN	PIPE	\$1.51	FT
155	PVC 1 1/2IN	PIPE	\$1.79	FT

156	PVC 2IN	PIPE	\$1.89	FT
157	PVC 3IN	PIPE	\$2.74	FT
158	SCH40 PVC 4IN	PIPE	\$6.11	FT
159	SCH40 PVC 5IN	PIPE	\$7.90	FT
160	SCH40 PVC 6IN	PIPE	\$8.73	FT
161	SCH40 PVC 8IN	PIPE	\$10.85	FT
162	SCH40 PVC 10IN	PIPE	\$15.29	FT
163	SCH40 PVC 12IN	PIPE	\$20.26	FT
164	SCH40 PVC 15IN	PIPE	\$35.17	FT
174	SDR 17 PVC 4IN	PIPE	\$19.86	FT
175	SDR 17 PVC 6IN	PIPE	\$30.02	FT
176	SDR 17 PVC 8IN	PIPE	\$42.15	FT
177	SDR 21 PVC 4IN	PIPE	\$3.80	FT
178	SDR 21 PVC 6IN	PIPE	\$8.25	FT
179	SDR 21 PVC 8IN	PIPE	\$15.00	FT
180	SDR 21 PVC 10IN	PIPE	\$19.21	FT
181	SDR 26 PVC 4IN	PIPE	\$2.93	FT
182	SDR 26 PVC 6IN	PIPE	\$5.80	FT
183	SDR 26 PVC 8IN	PIPE	\$11.18	FT
184	SDR 26 PVC 10IN	PIPE	\$16.00	FT
185	SDR 26 PVC 12IN	PIPE	\$24.00	FT
186	SDR 26 PVC 15IN	PIPE	\$30.92	FT
188	SDR 26 PVC 24IN	PIPE	\$58.72	FT
191	SDR 35 PVC 4IN	PIPE	\$2.33	FT
192	SDR 35 PVC 5IN	PIPE	\$3.97	FT
193	SDR 35 PVC 6IN	PIPE	\$5.46	FT
194	SDR 35 PVC 8IN	PIPE	\$8.86	FT
195	SDR 35 PVC 10IN	PIPE	\$14.78	FT
196	SDR 35 PVC 12IN	PIPE	\$20.24	FT
197	SDR 35 PVC 15IN	PIPE	\$27.72	FT
209	SMOOTH PE 3/4IN	PIPE	\$2.18	FT
210	SMOOTH PE 1IN	PIPE	\$2.67	FT
211	SMOOTH PE 1 1/4IN	PIPE	\$3.14	FT
212	SMOOTH PE 1 1/2IN	PIPE	\$3.93	FT
213	SMOOTH PE 2IN	PIPE	\$4.67	FT
214	SMOOTH PE 3IN	PIPE	\$4.94	FT
215	SMOOTH PE 4IN	PIPE	\$6.42	FT
217	CORRUGATED PE 4IN	PIPE	\$1.24	FT
218	CORRUGATED PE 5IN	PIPE	\$1.57	FT
219	CORRUGATED PE 6IN	PIPE	\$1.99	FT
220	CORRUGATED PE 8IN	PIPE	\$3.05	FT
221	CORRUGATED PE 10IN	PIPE	\$5.00	FT
222	CORRUGATED PE 12IN	PIPE	\$6.18	FT
223	CORRUGATED PE 15IN	PIPE	\$9.24	FT
224	CORRUGATED PE 18IN	PIPE	\$12.80	FT
226	CORRDBLWALLED PE 4IN	PIPE	\$1.28	FT
227	CORRDBLWALLED PE 5IN	PIPE	\$3.47	FT
228	CORRDBLWALLED PE 6IN	PIPE	\$6.20	FT
229	CORRDBLWALLED PE 8IN	PIPE	\$7.15	FT

230	CORRDBLWALLED PE 10IN	PIPE	\$8.59	FT
231	CORRDBLWALLED PE 12IN	PIPE	\$12.94	FT
232	CORRDBLWALLED PE 15IN	PIPE	\$14.88	FT
233	CORRDBLWALLED PE 18IN	PIPE	\$15.16	FT
234	CORRDBLWALLED PE 24IN	PIPE	\$23.99	FT
236	PERFCORRPE PIPE 4IN	PIPE	\$1.24	FT
237	PERFCORRPE PIPE 5IN	PIPE	\$1.57	FT
238	PERFCORRPE PIPE 6IN	PIPE	\$1.99	FT
239	PERFCORRPE PIPE 8IN	PIPE	\$3.05	FT
240	PERFCORRPE PIPE 10IN	PIPE	\$5.00	FT
241	PERFCORRPE PIPE 12IN	PIPE	\$6.18	FT
242	PERFCORRPE PIPE 15IN	PIPE	\$9.24	FT
243	PERFCORRPE PIPE 18IN	PIPE	\$12.80	FT
244	PERFCORRPE PIPE 24IN	PIPE	\$20.17	FT
252	ANIMAL GUARD 4IN	PIPE	\$11.70	EA
254	ANIMAL GUARD 6IN	PIPE	\$12.80	EA
255	ANIMAL GUARD 8IN	PIPE	\$15.00	EA
256	ANIMAL GUARD 10IN	PIPE	\$17.10	EA
257	ANIMAL GUARD 12IN	PIPE	\$33.11	EA
258	ANIMAL GUARD 15IN	PIPE	\$52.00	EA
259	ANIMAL GUARD 18IN	PIPE	\$82.00	EA
260	ANIMAL GUARD 24IN	PIPE	\$108.00	EA
261	ANIMAL GUARD 30IN	PIPE	\$123.00	EA
263	ANTISEEPPLASTIC	PIPE	\$12.58	SQ FT
264	HORIZONTAL OUTLET4IN	PIPE	\$69.09	EA
265	HORIZONTAL OUTLET5IN	PIPE	\$83.80	EA
266	HORIZONTAL OUTLET6IN	PIPE	\$92.65	EA
267	HORIZONTAL OUTLET8IN	PIPE	\$118.82	EA
268	HORIZONTAL OUTLET10IN	PIPE	\$151.98	EA
269	HORIZONTAL OUTLET12IN	PIPE	\$229.90	EA
270	HORIZONTAL OUTLET15IN	PIPE	\$237.40	EA
271	HORIZONTAL OUTLET18IN	PIPE	\$268.01	EA
272	HORIZONTAL OUTLET24IN	PIPE	\$520.91	EA
273	MECHANICAL COUPLER 6"	PIPE	\$120.00	EA
274	MECHANICAL COUPLER 8"	PIPE	\$140.00	EA
275	MECHANICAL COUPLER 10"	PIPE	\$190.00	EA
276	MECHANICAL COUPLER 12"	PIPE	\$220.00	EA
278	PLATE STEEL 3/16IN	PIPE	\$15.32	SQ FT
279	PLATE STEEL 1/4IN	PIPE	\$22.31	SQ FT
280	PLATE STEEL 3/8IN	PIPE	\$25.63	SQ FT
281	RELIEF WELL 5IN	PIPE	\$56.65	EA
282	RELIEF WELL 6IN	PIPE	\$113.30	EA
283	RELIEF WELL 8IN	PIPE	\$188.10	EA
284	RELIEF WELL 10IN	PIPE	\$227.70	EA
285	RELIEF WELL 12IN	PIPE	\$294.80	EA
286	RELIEF WELL 15IN	PIPE	\$348.70	EA
287	RELIEF WELL 18IN	PIPE	\$385.00	EA
288	RELIEF WELL 24IN	PIPE	\$435.88	EA
291	RISER 5IN	PIPE	\$93.15	EA

292	RISER 6IN	PIPE	\$152.95	EA
293	RISER 8IN	PIPE	\$190.90	EA
294	RISER 10IN	PIPE	\$230.00	EA
295	RISER 12IN	PIPE	\$430.10	EA
296	RISER 15IN	PIPE	\$454.25	EA
297	RISER 18IN	PIPE	\$455.79	EA
298	RISER 24IN	PIPE	\$493.85	EA
301	SIDRAINSTR ELBOW12IN	PIPE	\$65.00	EA
302	SIDRAINSTR ELBOW14IN	PIPE	\$77.00	EA
303	SIDRAINSTR ELBOW16IN	PIPE	\$150.00	EA
304	SIDRAINSTR ELBOW18IN	PIPE	\$167.00	EA
305	SIDRAINSTR ELBOW20IN	PIPE	\$184.00	EA
306	SIDRAINSTR ELBOW22IN	PIPE	\$200.00	EA
307	SIDRAINSTR ELBOW24IN	PIPE	\$219.00	EA
308	SIDRAINSTR ELBOW26IN	PIPE	\$219.00	EA
309	SIDRAINSTR ELBOW30IN	PIPE	\$250.00	EA
310	SIDRAINSTR ELBOW36IN	PIPE	\$262.50	EA
311	SIDRAINSTR ELBOW42IN	PIPE	\$278.20	EA
312	SIDRAINSTR ELBOW48IN	PIPE	\$551.00	EA
315	TRASH GUARDCONICAL	PIPE	\$39.68	DIAM IN
831	DRAINAGE WTRCNTRL6IN	PIPE	\$550.00	EA
832	DRAINAGE WTRCNTRL8IN	PIPE	\$640.00	EA
833	DRAINAGE WTRCNTRL10IN	PIPE	\$700.00	EA
9195	RISER 20IN	PIPE	\$465.79	EA
9196	RISER 22IN	PIPE	\$475.79	EA
317	CLEARINGLGT	REMOVE	\$620.00	AC
318	CLEARINGMED	REMOVE	\$1,120.00	AC
331	WEED BARRIER MAT	REMOVE	\$1.25	EA
332	WEED BARRIER	REMOVE	\$0.32	FT
333	WEEDCONT/SHRUB	REMOVE	\$0.19	SHRUB
334	WEEDCONT/TREE	REMOVE	\$0.40	TREE
9044	TREE SITEPREP MECH	REMOVE	\$48.40	AC
9045	TREE SITEPREP CHEM	REMOVE	\$50.00	AC
401	LIME (ENM)	SEED	\$0.06	LB ENM
402	NITROGEN (N)	SEED	\$0.76	LB
403	PHOSPHATE (P2O5)	SEED	\$0.78	LB
404	POTASH (K2O)	SEED	\$0.73	LB
407	SPREADING FERTILIZER	SEED	\$10.10	AC
415	MULCHANCHOR / MANUAL	SEED	\$0.98	SQ YD
9021	NO-TILL DRILL	SEED	\$15.00	AC
9040	CRITICAL AREA SEEDING	SEED	\$591.10	AC
9041	INTERSEED LEGUMES	SEED	\$34.92	AC
9042	DSP-02 INTERSEED LEG	SEED	\$27.42	AC
9043	PASTURE SEEDING	SEED	\$122.11	AC
9051	MDSL-01 SEEDING	SEED	\$100.91	AC
9138	RESEEDING	SEED	\$122.11	AC
9182	NATIVE WARM SEASON GRASS PASTURE SEEDING	SEED	\$230.51	AC

9183	NATIVE WARM SEASON GRASS CRITICAL AREA SEEDING	SEED	\$710.79	AC
9184	NATIVE WARM SEASON GRASS RESEEDING	SEED	\$230.51	AC
418	CABLE SET 6IN	STAB	\$16.00	EA
419	CABLE SET 12IN	STAB	\$28.00	EA
420	LABOR / TREEREVINSTAL	STAB	\$16.50	FT
421	CEDAR TREES	STAB	\$13.75	TREE
422	COCONUT FIBER LOG	STAB	\$7.50	FT
423	WILLOW STAKING	STAB	\$4.50	FT
1047	RIP-RAP FOR STREAMBANK RESTORATION	STAB	\$57.00	TON
9180	BIODEGRADABLE EROSION CONTROL FABRIC	STAB	\$0.12	SQ FT
424	CUTTINGS	TREES	\$0.33	EA
425	CONIFERS	TREES	\$0.42	TREE
433	DIRECTSEED - CONIFER	TREES	\$150.00	AC
434	HANDPLANT - TREE/SHRUBS	TREES	\$0.66	TREE
437	HARDWOODS	TREES	\$0.50	TREE
439	DIRECT SEEDINGHDWOOD	TREES	\$250.00	AC
441	MACHPLANTTREES / SHRUB	TREES	\$0.63	EA
442	SHRUBS	TREES	\$0.50	SHRUB
457	INCINERATOR	WASTE	\$13.62	LB/CHG
458	GUTTERING	WASTE	\$10.40	FT
459	ROOFING	WASTE	\$11.54	SQ FT
461	PKT STRCT WOOD	WASTE	\$10.40	SQ FT
462	PKT STRCT PLASTIC	WASTE	\$15.12	SQ FT
463	FLUSH TANK	WASTE	\$8.85	CU FT
464	CHOPSCRSEWPMP < =1HP	WASTE	\$1,273.00	EA
465	CHOPSCRSEWPMP > 1-3HP	WASTE	\$1,930.00	EA
466	CHOPSCRSEWPMP > 3-7HP	WASTE	\$3,300.00	EA
467	CHPSCRSEWPMP > 7-15HP	WASTE	\$7,700.00	EA
481	COMPOST FAC	WASTE	\$8.77	CU FT
482	WSF-POULTRY STACK PAD	WASTE	\$6.20	SQ FT
1014	WSF-CONCRETE STACK PAD	WASTE	\$10.42	SQ FT
484	FREEZE PROOF HYD	WATER SUP	\$138.67	EA
485	QUICK COUPLER SET	WATER SUP	\$150.00	EA
486	PRESSURE TANK	WATER SUP	\$877.13	EA
487	WATERLINEVALVES	WATER SUP	\$188.27	EA
488	SOLAR PANEL&PUMP100	WATER SUP	\$2,734.00	EA
489	SOLAR PANEL&PUMP300	WATER SUP	\$2,916.25	EA
490	SOLARPANEL&PUMP > 300	WATER SUP	\$4,089.73	EA
493	SUBMERSIBLEPUMP<=1HP	WATER SUP	\$2,267.50	EA
494	JETPUMP	WATER SUP	\$946.00	EA
495	CENTRIFPUMP	WATER SUP	\$1,594.00	EA
503	WATERSTORAGETANK/SPRING TANK	WATER SUP	\$1.84	GAL
504	SPCOLLPIPE-CONC 18IN	WATER SUP	\$64.04	FT
505	SPCOLLPIPE-CONC 24IN	WATER SUP	\$67.98	FT
506	SPCOLLPIPE-CONC 30IN	WATER SUP	\$100.80	FT

507	SPCOLLPIPE-CONC 36IN	WATER SUP	\$88.18	FT
508	SPCOLLPIPE-CONC 48IN	WATER SUP	\$76.28	FT
509	SPCOLLPIPE-LID 18IN	WATER SUP	\$16.65	EA
510	SPCOLLPIPE-LID 24IN	WATER SUP	\$17.00	EA
511	SPCOLLPIPE-LID 30IN	WATER SUP	\$26.00	EA
512	SPCOLLPIPE-LID 36IN	WATER SUP	\$38.00	EA
513	SPCOLLPIPE-LID 48IN	WATER SUP	\$40.00	EA
514	SPRING COLLECTION BOX	WATER SUP	\$443.00	EA
515	SPRING DEVELOPMENT	WATER SUP	\$793.77	EA
516	INSTLL VSTKPIPEEXSDAM	WATER SUP	\$6.49	FT
517	PIPELINE BORE	WATER SUP	\$62.00	FT
1018	SUBMERSIBLEPUMP>1HP	WATER SUP	\$3,830.37	EA
9049	TANK - PERMANENT	WATER SUP	\$1,578.64	EA
9050	TANK - PORTABLE	WATER SUP	\$205.00	EA
526	WATER WELL CASING PLASTIC	WELLS	\$16.00	FT
527	WATER WELL DRILLING	WELLS	\$10.50	FT
528	WATER WELL LINING	WELLS	\$9.50	FT
529	WATER WELL MISC	WELLS	\$775.00	EA
530	WELL HOUSE	WELLS	\$1,400.00	EA
1024	WATER WELL CASING STEEL	WELLS	\$25.00	FT
9011	N351 WELL DECOMMISSIONING	WELLS	\$800.00	EA
545	INLINE WATER CONTROL STRUCTURE 6" DIA X 4' HT	WETLAND	\$827.40	EA
546	INLINE WATER CONTROL STRUCTURE 6" DIA X 5' HT	WETLAND	\$880.95	EA
547	INLINE WATER CONTROL STRUCTURE 6" DIA X 6' HT	WETLAND	\$932.40	EA
558	INLINE WATER CONTROL STRUCTURE 8" DIA X 4' HT	WETLAND	\$889.35	EA
559	INLINE WATER CONTROL STRUCTURE 8" DIA X 5' HT	WETLAND	\$991.94	EA
560	INLINE WATER CONTROL STRUCTURE 8" DIA X 6' HT	WETLAND	\$1,030.05	EA
584	INLINE WATER CONTROL STRUCTURE 12" DIA X 4' HT	WETLAND	\$1,071.00	EA
585	INLINE WATER CONTROL STRUCTURE 12" DIA X 5' HT	WETLAND	\$1,213.54	EA
586	INLINE WATER CONTROL STRUCTURE 12" DIA X 6' HT	WETLAND	\$1,317.17	EA
659	DROP INLET ELBOW 4"	WETLAND	\$10.00	EA
660	DROP INLET ELBOW 6"	WETLAND	\$15.00	EA
661	DROP INLET ELBOW 8"	WETLAND	\$45.80	EA
662	DROP INLET ELBOW 10"	WETLAND	\$60.00	EA
663	DROP INLET ELBOW 12"	WETLAND	\$120.35	EA
664	WEIRBX 30"WX32"DX24"H	WETLAND	\$485.00	EA
665	WEIRBX 30"WX32"DX30"H	WETLAND	\$485.00	EA
666	WEIRBX 30"WX32"DX36"H	WETLAND	\$525.00	EA
667	WEIRBX 36"WX38"DX36"H	WETLAND	\$657.51	EA
668	WEIRBX 40"WX42"DX36"H	WETLAND	\$800.00	EA
9172	FLAP GATE 10"	WETLAND	\$210.00	EA
9173	FLAP GATE 12"	WETLAND	\$235.00	EA
9174	FLAP GATE 15"	WETLAND	\$285.00	EA
9175	FLAP GATE 16"	WETLAND	\$322.73	EA
9176	FLAP GATE 18"	WETLAND	\$360.45	EA
9177	FLAP GATE 20"	WETLAND	\$439.32	EA
9178	FLAP GATE 24"	WETLAND	\$518.18	EA

9190	FLAP GATE 26"	WETLAND	\$600.00	EA
9191	FLAP GATE 30"	WETLAND	\$650.00	EA
9192	FLAP GATE 36"	WETLAND	\$700.00	EA
9193	FLAP GATE 42"	WETLAND	\$750.00	EA
9194	FLAP GATE 48"	WETLAND	\$800.00	EA
9197	FLAP GATE 22"	WETLAND	\$478.75	EA