

2012 State Average Cost

Code	FA Program	Practice Name	Practice Type	Unit Type	Unit Cost	Cost Type	Share Rate
102	CTA	Comprehensive Nutrient Management Plan - Written	CNMP - NRCS Developed	no	\$466.67	AC	100
102	CTA	Comprehensive Nutrient Management Plan - Written	Conservation Activity Plan-Comprehensive Nutrient Management Plan - Dairy > 99 AU	no	\$10,400.00	AC	100
102	CTA	Comprehensive Nutrient Management Plan - Written	Conservation Activity Plan-Comprehensive Nutrient Management Plan -Beef/Swine > 99 AU	no	\$5,200.00	AC	100
102	CTA	Comprehensive Nutrient Management Plan - Written	Conservation Activity Plan-Comprehensive Nutrient Management Plan-Poultry or Dairy, Beef, Swine <100 AU	no	\$3,640.00	AC	100
104	CTA	Nutrient Management Plan - Written	Nutrient Management CAP <100 AC	no	\$2,128.00	AC	100
104	CTA	Nutrient Management Plan - Written	Nutrient Mangement CAP 101-300 AC	no	\$2,520.00	AC	100
104	CTA	Nutrient Management Plan - Written	Nutrient Management CAP >300 AC	no	\$3,024.00	AC	100
106	CTA	Forest Management Plan	FMP ≤ 50 acres	no	\$765.00	AC	100
106	CTA	Forest Management Plan	FMP 51-100 acres	no	\$1,086.00	AC	100
106	CTA	Forest Management Plan	FMP 101-200 acres	no	\$1,567.00	AC	100
106	CTA	Forest Management Plan	FMP 201 - 400 acres	no	\$2,489.00	AC	100
106	CTA	Forest Management Plan	FMP 401 - 600 acres	no	\$3,635.00	AC	100
106	CTA	Forest Management Plan	FMP 601 - 1000 acres	no	\$4,683.00	AC	100
118	CTA	Irrigation Water Management Plan (IWM) - Written	Irrigation Water Management Plan	no	\$2,590.00	AC	100
122	CTA	Agricultural Energy Management Plan - Headquarters - Written	AgEMP 122 Livestock - Small < 70 AU	no	\$1,526	AC	100
122	CTA	Agricultural Energy Management Plan - Headquarters - Written	AgEMP 122 Livestock - Medium 70-300 AU	no	\$2,008	AC	100
122	CTA	Agricultural Energy Management Plan - Headquarters - Written	AgEMP 122 Livestock - Large 301-2500 AU	no	\$2,487	AC	100
122	CTA	Agricultural Energy Management Plan - Headquarters - Written	AgEMP 122 Livestock - XLarge >2500 AU	no	\$3,203	AC	100
122	CTA	Agricultural Energy Management Plan - Headquarters - Written	AgEMP 122 Non-Livestock - Single Enterprise	no	\$2,545	AC	100
122	CTA	Agricultural Energy Management Plan - Headquarters - Written	AgEMP 122 Non-Livestock - Two Enterprises	no	\$3,255	AC	100
122	CTA	Agricultural Energy Management Plan - Headquarters - Written	AgEMP 122 Non-Livestock - Three Enterprises	no	\$4,409	AC	100
122	CTA	Agricultural Energy Management Plan - Headquarters - Written	AgEMP 122 Mixed Enterprises	no	\$1,048	AC	100
124	CTA	Agricultural Energy Management Plan - Landscape - Written	AgEMP 124 Non-Irrigated < 50 acres	no	\$1,657	AC	100

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124	CTA	Agricultural Energy Management Plan - Landscape Written	AgEMP 124 Non-Irrigated 50-499 acres	no	\$2,095	AC	100
124	CTA	Agricultural Energy Management Plan - Landscape Written	AgEMP 124 Non-Irrigated 500-4,999 acres	no	\$2,574	AC	100
124	CTA	Agricultural Energy Management Plan - Landscape Written	AgEMP 124 Non-Irrigated >5,000 acres	no	\$3,333	AC	100
124	CTA	Agricultural Energy Management Plan - Landscape Written	AgEMP 124 Irrigated < 50 acres	no	\$2,545	AC	100
124	CTA	Agricultural Energy Management Plan - Landscape Written	AgEMP 124 Irrigated 50-499 acres	no	\$3,404	AC	100
124	CTA	Agricultural Energy Management Plan - Landscape Written	AgEMP 124 Irrigated 500-5,000 acres	no	\$4,409	AC	100
124	CTA	Agricultural Energy Management Plan - Landscape Written	AgEMP 124 Irrigated >5,000 acres	no	\$4,963	AC	100
138	CTA	Conservation Plan Supporting Organic Transition - Written	Conservation Plan Supporting Organic Transition	no	\$2,080.00	AC	100
138	CTA	Conservation Plan Supporting Organic Transition - Written	Conservation Plan Supporting Organic Transition Nonlocal	no	\$3,080.00	AC	100
142	CTA	Fish and Wildlife Habitat Management Plan	Fish & Wildlife Habitat Management CAP	no	\$2,849.28	AC	100
150	CTA	Spill Prevention, Control, and Countermeasure	SPCC CAP Plan	no	\$2,880.00	AC	100
313	CTA	Waste Storage Facility	Concrete Form Walls & Structure Form Steel, Place & Finish	cy	\$483.00	AC	100
313	CTA	Waste Storage Facility	Concrete Slabs (Forming, Steel, Placement & Finish)	cy	\$262.00	AC	100
313	CTA	Waste Storage Facility	Earthfill Hauled in from Off Farm (cost additional to earthwork included in structure cost)	cy	\$4.06	AC	100
313	CTA	Waste Storage Facility	Earthfill Moisture Control	cy	\$2.30	AC	100
313	CTA	Waste Storage Facility	Earthfill Soil Modification-quicklime material & freight	tn	\$184.25	AC	100
313	CTA	Waste Storage Facility	Earthfill Soil Modification-quicklime treated earthfill for dispersive clays	cy	\$9.21	AC	100
313	CTA	Waste Storage Facility	Slotted Riser 8" x 3'	ea	\$67.40	AC	100
313	CTA	Waste Storage Facility	Waste Storage Structure, Standard Design, Litter Building (earthwork, concrete, building)	sf	\$7.00	AC	100
314	CTA	Brush Management	Light Brush Chemical	ac	\$78.39	AC	100
314	CTA	Brush Management	Medium Brush Chemical	ac	\$90.15	AC	100
314	CTA	Brush Management	Heavy Brush Chemical	ac	\$122.81	AC	100
314	CTA	Brush Management	Light Brush Mechanical	ac	\$24.91	AC	100
314	CTA	Brush Management	Heavy Brush Mechanical	ac	\$429.47	AC	100
315	CTA	Herbaceous Weed Control	Chemical Application: CRP Mid-contract Management Activity	ac	\$57.00	AC	100
315	CTA	Herbaceous Weed Control	Cogongrass-Followup Spot Treatment	ac	\$105.00	AC	100
315	CTA	Herbaceous Weed Control	Cogongrass-Initial Treatment - Herbicide	ac	\$169.50	AC	100
315	CTA	Herbaceous Weed Control	Cogongrass-Initial Treatment Bushhogging/Mowing	ac	\$16.00	AC	100

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315	CTA	Herbaceous Weed Control	Herbicide-Heavy Cover (for perennial herbaceous vegetative establishment)	ac	\$66.00	AC	100
315	CTA	Herbaceous Weed Control	Herbicide-Light Cover (for perennial herbaceous vegetative establishment)	ac	\$57.00	AC	100
315	CTA	Herbaceous Weed Control	Herbicide-Medium Cover (for perennial herbaceous vegetative establishment)	ac	\$60.00	AC	100
316	CTA	Animal Mortality Facility	Animal Mortality Incinerator per pound of unit capacity (incinerator, freight)	lb	\$18.70	AC	100
317	CTA	Composting Facility	Compost Facility, Standard Design, Poultry (earthwork, concrete, building)	sf	\$8.00	AC	100
317	CTA	Composting Facility	Composting Facility, Rotary Drum (composter, freight)	gal	\$6.17	AC	100
317	CTA	Composting Facility	Concrete Slabs (Forming, Steel, Placement & Finish)	cy	\$262.00	AC	100
317	CTA	Composting Facility	Earthfill Hauled in from Off Farm (cost additional to earthwork included in structure cost)	cy	\$4.06	AC	100
317	CTA	Composting Facility	Earthfill Moisture Control	cy	\$2.30	AC	100
317	CTA	Composting Facility	Earthfill Soil Modification-quicklime material & freight	tn	\$184.25	AC	100
317	CTA	Composting Facility	Earthfill Soil Modification-quicklime treated earthfill for dispersive clays	cy	\$9.21	AC	100
317	CTA	Composting Facility	Rotary Drum Composter Building (earthwork, concrete, materials, installed)	sf	\$9.40	AC	100
327	CTA	Conservation Cover	Inter-Seeding/Inter-Planting ("Native" Grass/Legume/Forb seed for wildlife (1/2 seed rate), no-till grassland drill planting): CRP Mid contract management Activity	ac	\$141.50	AC	100
327	CTA	Conservation Cover	Introduced species - (CRP-CP1 only) (seedbed prep, seed, planting, fertilizer, Lime)	ac	\$308.10	AC	100
327	CTA	Conservation Cover	Light Disking or Mowing: CRP Mid-contract Management Activity	ac	\$12.00	AC	100
327	CTA	Conservation Cover	Mowing and baling: CRP Mid-contract Management Activity	ac	\$48.00	AC	100
327	CTA	Conservation Cover	Native species, 1 to 2 species (No-til burndown or conventional seedbed prep, seed, planting, fertilizer)	ac	\$205.20	AC	100
327	CTA	Conservation Cover	Native species, 1 to 2 species (No-til burndown or conventional seedbed prep, seed, planting, fertilizer)(Riparian Herbaceous Cover Buffer Establishment Only)	ac	\$320.20	AC	100
327	CTA	Conservation Cover	Native species, 3 or more species mix (No-til burndown or conventional seedbed prep, seed, planting, fertilizer)	ac	\$239.80	AC	100
327	CTA	Conservation Cover	Native species, 3 or more species mix (No-til burndown or conventional seedbed prep, seed, planting, fertilizer) (Riparian Herbaceous Cover Buffer Establishment Only)	ac	\$354.80	AC	100
327	CTA	Conservation Cover	Wildlife Nesting Habitat Improvement: CRP Mid-contract Management Activity	ac	\$5.00	AC	100
328	CTA	Conservation Crop Rotation	Conservation Crop Rotation - increased SCI by .2	ac	\$5.00	AC	100
328	CTA	Conservation Crop Rotation	Conservation Crop Rotation - increased SCI by .4	ac	\$10.00	AC	100
328	CTA	Conservation Crop Rotation	Conservation Crop Rotation - increased SCI by .6	ac	\$15.00	AC	100
328	CTA	Conservation Crop Rotation	Conservation Crop Rotation - increased SCI by .8	ac	\$20.00	AC	100
328	CTA	Conservation Crop Rotation	Conservation Crop Rotation - increased SCI by 1.0	ac	\$25.00	AC	100
328	CTA	Conservation Crop Rotation	Crop rotation with High Residue Grasses, Legumes - Organic	ac	\$50.00	AC	100
328	CTA	Conservation Crop Rotation	Native species (sod/crop rotation) (no-til burndown or conventional seedbed preparation, seed, planting) maintained for 3-year minimum before rotation to annually tilled crop	ac	\$159.20	AC	100

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328	CTA	Conservation Crop Rotation	Seeding Introduced Species (sod/crop rotation) -(no-til burndown or conventional seedbed preparation, seed, planting) maintained for 3-year minimum before rotation to annually tilled crop	ac	\$86.70	AC	100
328	CTA	Conservation Crop Rotation	Sprigging Introduced Species (sod/crop rotation) -(sprigs, conventional seedbed preparation, planting) maintained for 3-year minimum before rotation to annually tilled crop	ac	\$160.70	AC	100
329	CTA	Residue and Tillage Management, No Till/ Strip Till/ Direct Seed	No Till	ac	\$41.00	AC	100
330	CTA	Contour Farming	Contour Farming	ac	\$6.66	AC	100
338	CTA	Prescribed Burning	Prescribed Burning	ac	\$46.15	AC	100
338	CTA	Prescribed Burning	Prescribed Burning (Longleaf Pine Only)	ac	\$46.15	AC	100
338	CTA	Prescribed Burning	Prescribed Burning: CRP Mid-Contract Management Activity	ac	\$46.15	AC	100
340	CTA	Cover Crop	Small Grain	ac	\$84.94	AC	100
340	CTA	Cover Crop	Legumes	ac	\$91.85	AC	100
340	CTA	Cover Crop	Small Grain / Legume Mix	ac	\$82.15	AC	100
340	CTA	Cover Crop	Cereal Grains < 1 acre (Includes all cover crops up to 3 acres)	ac	\$374.73	AC	100
340	CTA	Cover Crop	Cover Crops in Fixed Location Seasonal High tunnel - Legume	ea	\$57.56	AC	100
342	CTA	Critical Area Planting	Earthwork (includes smoothing, shaping, and mobilization	ac	\$1,105.71	AC	100
342	CTA	Critical Area Planting	Establishment of permanent cover (seedbed prep, seed, seeding, fertilizer, lime)	ac	\$564.80	AC	100
344	CTA	Residue Management, Seasonal	Seasonal Residue Management (Shred and distribute crop residue w/ K factor >= .37. Subsequent SCI must be positive and resulting erosion rate must be < T)	ac	\$15.00	AC	100
345	CTA	Residue and Tillage Management, Mulch Till	Mulch till	ac	\$28.00	AC	100
346	CTA	Residue and Tillage Management, Ridge Till	Ridge Till	ac	\$28.00	AC	100
346	CTA	Residue and Tillage Management, Ridge Till	Not Burning Residue (Sugarcane only)	ac	\$28.00	AC	100
346	CTA	Residue and Tillage Management, Ridge Till	Residue Repositioning During Sugarcane Production Cycle	ac	\$69.00	AC	100
346	CTA	Residue and Tillage Management, Ridge Till	Chemical Following Between Harvest of Sugarcane Ratoon Crop and Replanting of New Crop	ac	\$84.00	AC	100
350	CTA	Sediment Basin	Earthfill Hauled in from Off Farm (cost additional to earthwork included in structure cost)	cy	\$4.06	AC	100
350	CTA	Sediment Basin	Earthfill Moisture Control	cy	\$2.30	AC	100
350	CTA	Sediment Basin	Earthfill Soil Modification-quicklime material & freight	tn	\$184.25	AC	100
350	CTA	Sediment Basin	Earthfill Soil Modification-quicklime treated earthfill for dispersive clays	cy	\$9.21	AC	100
350	CTA	Sediment Basin	Sediment Basin (installed, mobilization, earthwork, outlet structure)	cy	\$3.10	AC	100
351	CTA	Water Well Decommissioning	Earthfill Hauled in from Off Farm (cost additional to earthwork included in structure cost)	cy	\$4.06	AC	100
351	CTA	Water Well Decommissioning	Earthwork for well closure (excavation, earthfill, placement and shaping)	cy	\$5.00	AC	100
351	CTA	Water Well Decommissioning	Well Closure - 2" diameter well casing (includes materials, labor, equipment)	ea	\$760.00	AC	100

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351	CTA	Water Well Decommissioning	Well Closure - 4" diameter well casing (includes materials, labor, equipment)	ea	\$2,010.00	AC	100
351	CTA	Water Well Decommissioning	Well Closure - 6" diameter well casing (includes materials, labor, equipment)	ea	\$3,290.00	AC	100
351	CTA	Water Well Decommissioning	Well Closure - 8" diameter well casing (includes materials, labor, equipment)	ea	\$5,280.00	AC	100
351	CTA	Water Well Decommissioning	Well Closure - 10" diameter well casing (includes materials, labor, equipment)	ea	\$5,650.00	AC	100
351	CTA	Water Well Decommissioning	Well Closure - 12" diameter well casing (includes materials, labor, equipment)	ea	\$6,250.00	AC	100
351	CTA	Water Well Decommissioning	Well Closure - 14" diameter well casing (includes materials, labor, equipment)	ea	\$6,810.00	AC	100
351	CTA	Water Well Decommissioning	Well Closure - 16" diameter well casing (includes materials, labor, equipment)	ea	\$7,370.00	AC	100
351	CTA	Water Well Decommissioning	Well Closure - 18" diameter well casing (includes materials, labor, equipment)	ea	\$12,340.00	AC	100
351	CTA	Water Well Decommissioning	Well Closure - 20" diameter and larger well casing (includes materials, labor, equipment)	ea	\$14,090.00	AC	100
356	CTA	Dike	Dike - Ag Land, Mineral Soils (installed, mobilization, earthwork)	cy	\$2.30	AC	100
356	CTA	Dike	Dike - Organic Marsh Soils ONLY (installed, mobilization, earthwork)	cy	\$3.40	AC	100
356	CTA	Dike	Dike - Wetland, Mineral Soils (installed, creative borrow, mobilization)	cy	\$3.90	AC	100
356	CTA	Dike	Earthfill Hauled in from Off Farm (cost additional to earthwork included in structure cost)	cy	\$4.06	AC	100
356	CTA	Dike	Earthfill Moisture Control	cy	\$2.30	AC	100
356	CTA	Dike	Earthfill Soil Modification-quicklime material & freight	tn	\$184.25	AC	100
356	CTA	Dike	Earthfill Soil Modification-quicklime treated earthfill for dispersive clays	cy	\$9.20	AC	100
359	CTA	Waste Treatment Lagoon	Earth Liner using material from lagoon (excavation, placement, compaction)	cy	\$5.17	AC	100
359	CTA	Waste Treatment Lagoon	Earth Liner using material from on farm (includes excavation, hauling, placement, compaction)	cy	\$10.70	AC	100
359	CTA	Waste Treatment Lagoon	Earthfill Hauled in from Off Farm (cost additional to earthwork included in structure cost)	cy	\$4.06	AC	100
359	CTA	Waste Treatment Lagoon	Earthfill Moisture Control	cy	\$2.30	AC	100
359	CTA	Waste Treatment Lagoon	Earthfill Soil Modification-quicklime material & freight	tn	\$184.25	AC	100
359	CTA	Waste Treatment Lagoon	Earthfill Soil Modification-quicklime treated earthfill for dispersive clays	cy	\$9.20	AC	100
359	CTA	Waste Treatment Lagoon	Lagoon Cleanout	gal	\$0.02	AC	100
359	CTA	Waste Treatment Lagoon	New Lagoon and Appurtenances (total lagoon volume cost basis) (installed, mobilization, earthwork, materials)	cf	\$0.23	AC	100
360	CTA	Closure of Waste Impoundments	Decommission Waste Treatment Lagoon-Liquid and Sludge Present (total lagoon volume cost basis) (includes mobilization, lagoon pump out, removal and sealing of effluent entrance structures, lagoon apurtenances and earthwork)	cf	\$0.18	AC	100
360	CTA	Closure of Waste Impoundments	Decommission Waste Treatment Lagoon-Liquid only (no sludge present)(total lagoon volume cost basis) (includes mobilization, lagoon pump out, removal and sealing of effluent entrance structures, lagoon apurtenances and earthwork)	cf	\$0.16	AC	100

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360	CTA	Closure of Waste Impoundments	Decommission Waste Treatment Lagoon-No Liquid or Sludge (Levee already breched) (total lagoon volume cost basis) (includes mobilization, lagoon pump out, removal and sealing of effluent entrance structures, lagoon apurtenances and earthwork)	cf	\$0.09	AC	100
360	CTA	Closure of Waste Impoundments	Earthfill Hauled in from Off Farm (cost additional to earthwork included in structure cost)	cy	\$4.06	AC	100
362	CTA	Diversion	Diversion (Installed, mobilization, earthwork)	cy	\$4.60	AC	100
362	CTA	Diversion	Earthfill Hauled in from Off Farm (cost additional to earthwork included in structure cost)	cy	\$4.06	AC	100
362	CTA	Diversion	Earthfill Moisture Control	cy	\$2.30	AC	100
362	CTA	Diversion	Earthfill Soil Modification-quicklime material & freight	tn	\$184.25	AC	100
362	CTA	Diversion	Earthfill Soil Modification-quicklime treated earthfill for dispersive clays	cy	\$9.20	AC	100
374	CTA	Farmstead Energy improvement	Bulb Replacement	ea	\$47.01	AC	100
374	CTA	Farmstead Energy improvement	Heater Replacement	ea	\$1,836.00	AC	100
374	CTA	Farmstead Energy improvement	Sealant	ea	\$3,264.00	AC	100
374	CTA	Farmstead Energy improvement	Sealant for Dropdown Ceiling	ea	\$1,938.00	AC	100
374	CTA	Farmstead Energy improvement	Attic Insulation	ea	\$3,200.00	AC	100
374	CTA	Farmstead Energy improvement	PowerUnit Replacement	no	\$103.83	AC	100
378	CTA	Pond	Earthfill Hauled in from Off Farm (cost additional to earthwork included in structure cost)	cy	\$4.06	AC	100
378	CTA	Pond	Earthfill Moisture Control	cy	\$2.30	AC	100
378	CTA	Pond	Earthfill Soil Modification-quicklime material & freight	tn	\$184.25	AC	100
378	CTA	Pond	Earthfill Soil Modification-quicklime treated earthfill for dispersive clays	cy	\$9.20	AC	100
378	CTA	Pond	Earthliner using materials from farm (includes excavation, hauling, placement, compaction)	cy	\$10.70	AC	100
378	CTA	Pond	Earthliner using materials from Pond (includes excavation, hauling, placement, compaction)	cy	\$5.15	AC	100
378	CTA	Pond	Embankment Pond, 5 ac or less DA (includes mobilization & earthwork)	cy	\$2.80	AC	100
378	CTA	Pond	Embankment Pond, 5 ac or less DA (with livestock exclusion and wildlife buffer) (includes mobilization & earthwork)	cy	\$2.80	AC	100
378	CTA	Pond	Embankment Pond, more than 5 ac DA (including mobilization, earthwork, sand diaphram & trickle tube)	cy	\$3.30	AC	100
378	CTA	Pond	Embankment Pond, more than 5 ac DA (with livestock exclusion and wildlife buffer) (including mobilization, earthwork, sand diaphram & trickle tube)	cy	\$3.30	AC	100
378	CTA	Pond	Excavated Pond (with livestock exclusion and wildlife buffer) (installed, mobilization, earthwork)	cy	\$2.95	AC	100
378	CTA	Pond	Excavated Pond (installed, mobilization, earthwork)	cy	\$2.95	AC	100
382	CTA	Fence	4 Strand Barbwire	Lf	\$2.84	AC	100
382	CTA	Fence	2 - Strand Electric	Lf	\$1.49	AC	100

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382	CTA	Fence	1 Strand Electric Permanent	Lf	\$1.24	AC	100
382	CTA	Fence	Woven Wire	Lf	\$3.04	AC	100
382	CTA	Fence	1 Strand Electric Floating	ea	\$260.27	AC	100
382	CTA	Fence	Electric Woven	Lf	\$2.86	AC	100
386	CTA	Field Border	Introduced species - (No-til burndown or conventional seedbed preparation, seed, planting, fertilizer, lime)	ac	\$370.10	AC	100
386	CTA	Field Border	Native species, 1 to 2 species (No-til burndown or conventional seedbed prep, seed, planting, fertilizer)	ac	\$320.20	AC	100
386	CTA	Field Border	Native species, 3 or more species mix (No-til burndown or conventional seedbed prep, seed, planting, fertilizer)	ac	\$354.80	AC	100
393	CTA	Filter Strip	Earthwork (includes smoothing, shaping, and mobilization)	cy	\$2.63	AC	100
393	CTA	Filter Strip	Native species, 1 to 2 species (No-til burndown or conventional seedbed prep, seed, planting, fertilizer)	ac	\$320.20	AC	100
393	CTA	Filter Strip	Native species, 3 or more species mix (No-til burndown or seedbed prep, seed, planting, fertilizer)	ac	\$354.80	AC	100
394	CTA	Firebreak	Firebreak Double Disked	lf	\$0.01	AC	100
394	CTA	Firebreak	Firebreak Heavy Equipment	lf	\$0.10	AC	100
410	CTA	Grade Stabilization Structure	Anti-vortex Baffle - (per inch of riser diameter)	in	\$6.60	AC	100
410	CTA	Grade Stabilization Structure	Chute - (max 2.5' overfall) various materials	ea	\$635.00	AC	100
410	CTA	Grade Stabilization Structure	Earthfill Hauled in from Off Farm (cost additional to earthwork included in structure cost)	cy	\$4.06	AC	100
410	CTA	Grade Stabilization Structure	Earthfill Moisture Control	cy	\$2.30	AC	100
410	CTA	Grade Stabilization Structure	Earthfill Soil Modification-quicklime material & freight	tn	\$184.25	AC	100
410	CTA	Grade Stabilization Structure	Earthfill Soil Modification-quicklime treated earthfill for dispersive clays	cy	\$9.20	AC	100
410	CTA	Grade Stabilization Structure	Low Overfall End Sections - 18" to 27" diameter pipe (per inch of pipe diameter)	ea	\$21.50	AC	100
410	CTA	Grade Stabilization Structure	Low Overfall End Sections - 8" to 15" diameter pipe (per inch of pipe diameter)	ea	\$8.10	AC	100
410	CTA	Grade Stabilization Structure	Re-installation of a failed structure (Requires SO Approval, includes excavation, re-set structure, anti-bouyancy concrete, rebar, earthfill, mobilization)	cy	\$24.10	AC	100
410	CTA	Grade Stabilization Structure	Riser - add deflection to any size PVC standard riser	ea	\$9.90	AC	100
410	CTA	Grade Stabilization Structure	Riser - Mini Pipedrop 10" x 8" (includes anti-bouyancy concrete & steel)	ea	\$93.00	AC	100
410	CTA	Grade Stabilization Structure	Riser - Mini Pipedrop 12" x 10" (includes anti-bouyancy concrete & steel)	ea	\$127.00	AC	100
410	CTA	Grade Stabilization Structure	Riser - Mini Pipedrop 15" x 12" (includes anti-bouyancy concrete & steel)	ea	\$187.00	AC	100
410	CTA	Grade Stabilization Structure	Riser - Mini Pipedrop 21" x 15" (includes anti-bouyancy concrete & steel)	ea	\$447.00	AC	100
410	CTA	Grade Stabilization Structure	Riser - PVC Standard 10" X 8" (includes anti-bouyancy concrete & steel)	ea	\$136.00	AC	100
410	CTA	Grade Stabilization Structure	Riser - PVC Standard 12" X 10" (includes anti-bouyancy concrete & steel)	ea	\$192.00	AC	100
410	CTA	Grade Stabilization Structure	Riser - PVC Standard 15" X 12" (includes anti-bouyancy concrete & steel)	ea	\$254.00	AC	100
410	CTA	Grade Stabilization Structure	Riser - PVC Standard 21" X 15" (includes anti-bouyancy concrete & steel)	ea	\$603.00	AC	100

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410	CTA	Grade Stabilization Structure	Riser - PVC Standard 24" X 18" (includes anti-bouyancy concrete & steel)	ea	\$1,220.00	AC	100
410	CTA	Grade Stabilization Structure	Riser - PVC Standard 27" X 18" (includes anti-bouyancy concrete & steel)	ea	\$1,228.00	AC	100
410	CTA	Grade Stabilization Structure	Riser - Telescopic Riser Ext PVC Pipedrop with Gasket (per inch of gasket diameter)	ea	\$2.10	AC	100
410	CTA	Grade Stabilization Structure	Riser -CMP-Fabrication Charge for CMP riser (per inch of riser diameter) w/ concrete, rebar	in	\$13.90	AC	100
410	CTA	Grade Stabilization Structure	Riser Extension - PVC Pipedrop 10" (includes anti-bouyancy concrete & steel)	lf	\$20.00	AC	100
410	CTA	Grade Stabilization Structure	Riser Extension - PVC Pipedrop 12" (includes anti-bouyancy concrete & steel)	lf	\$28.00	AC	100
410	CTA	Grade Stabilization Structure	Riser Extension - PVC Pipedrop 15" (includes anti-bouyancy concrete & steel)	lf	\$43.00	AC	100
410	CTA	Grade Stabilization Structure	Riser Extension - PVC Pipedrop 21" (includes anti-bouyancy concrete & steel)	lf	\$67.00	AC	100
410	CTA	Grade Stabilization Structure	Riser Extension - PVC Pipedrop 24" (includes anti-bouyancy concrete & steel)	lf	\$86.00	AC	100
410	CTA	Grade Stabilization Structure	Rock Riprap (rock, geotextile, hauling & placement)	tn	\$73.00	AC	100
410	CTA	Grade Stabilization Structure	Smooth Steel Pipe - Fabricator's charges to lengthen a pipe or to attach a header to a barrel (per inch of pipe/barrel diameter)	in	\$9.70	AC	100
410	CTA	Grade Stabilization Structure	Smooth Steel Pipe - Notch Weir Inlet fabrication charge (per inch of pipe diameter)	in	\$5.20	AC	100
410	CTA	Grade Stabilization Structure	Straight Pipe, All Material Types 13" to 16" diameter pipe, (installed, mobilization, materials)	ft	\$38.03	AC	100
410	CTA	Grade Stabilization Structure	Straight Pipe, All Material Types 17" to 24" diameter pipe, (installed, mobilization, materials)	ft	\$49.73	AC	100
410	CTA	Grade Stabilization Structure	Straight Pipe, All Material Types 25" to 30" diameter pipe, (installed, mobilization, materials)	ft	\$75.49	AC	100
410	CTA	Grade Stabilization Structure	Straight Pipe, All Material Types 31" to 36" diameter pipe, (installed, mobilization, materials)	ft	\$99.65	AC	100
410	CTA	Grade Stabilization Structure	Straight Pipe, All Material Types 37" to 42" diameter pipe, (installed, mobilization, materials)	ft	\$137.55	AC	100
410	CTA	Grade Stabilization Structure	Straight Pipe, All Material Types 43" to 48" diameter pipe, (installed, mobilization, materials)	ft	\$149.38	AC	100
410	CTA	Grade Stabilization Structure	Straight Pipe, All Material Types 49" to 66" diameter pipe, (installed, mobilization, materials)	ft	\$164.56	AC	100
410	CTA	Grade Stabilization Structure	Straight Pipe, All Material Types 67" and larger diameter pipe, (installed, mobilization, materials)	ft	\$240.60	AC	100
410	CTA	Grade Stabilization Structure	Straight Pipe, All Material Types up to 12" diameter pipe, (installed, mobilization, materials)	ft	\$38.66	AC	100
410	CTA	Grade Stabilization Structure	Variable Weir Inlet - Aluminum Header 24"x12"x4' (includes anti-bouyancy concrete & steel)	ea	\$422.00	AC	100
410	CTA	Grade Stabilization Structure	Variable Weir Inlet - Aluminum Header 36"x15"x4' (includes anti-bouyancy concrete & steel)	ea	\$498.00	AC	100
410	CTA	Grade Stabilization Structure	Variable Weir Inlet - Aluminum Header 48"x18"x4' (includes anti-bouyancy concrete & steel)	ea	\$775.00	AC	100
410	CTA	Grade Stabilization Structure	Variable Weir Inlet - Aluminum Header 48"x21"x4' (includes anti-bouyancy concrete & steel)	ea	\$678.00	AC	100

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410	CTA	Grade Stabilization Structure	Variable Weir Inlet - PVC Headers 24" x 12" x 4' (includes anti-bouyancy concrete & steel)	ea	\$529.00	AC	100
410	CTA	Grade Stabilization Structure	Variable Weir Inlet - PVC Headers 24" x 15" x 4' (includes anti-bouyancy concrete & steel)	ea	\$567.00	AC	100
410	CTA	Grade Stabilization Structure	Variable Weir Inlet - PVC Headers 36" x 15" x 4' (includes anti-bouyancy concrete & steel)	ea	\$794.00	AC	100
410	CTA	Grade Stabilization Structure	Variable Weir Inlet - PVC Headers 36" x 18" x 4' (includes anti-bouyancy concrete & steel)	ea	\$877.00	AC	100
410	CTA	Grade Stabilization Structure	Variable Weir Inlet - PVC Headers 48" x 18" x 4' (includes anti-bouyancy concrete & steel)	ea	\$1,257.00	AC	100
410	CTA	Grade Stabilization Structure	Variable Weir Inlet - PVC Headers 48" x 21" x 4' (includes anti-bouyancy concrete & steel)	ea	\$1,301.00	AC	100
410	CTA	Grade Stabilization Structure	Variable Weir Inlet - PVC Headers 48" x 24" x 4' (includes anti-bouyancy concrete & steel)	ea	\$1,338.00	AC	100
412	CTA	Grassed Waterway	Waterway (installed, mobilization, earthwork)	cy	\$3.10	AC	100
430	CTA	Irrigation Pipeline	Pipeline, 10" dia. (installed, mobilization, materials)	lf	\$10.00	AC	100
430	CTA	Irrigation Pipeline	Pipeline, 10" dia. (Manure Transfer Only) (installed, mobilization, materials)	lf	\$10.00	AC	100
430	CTA	Irrigation Pipeline	Pipeline, 12" dia. (installed, mobilization, materials)	lf	\$12.40	AC	100
430	CTA	Irrigation Pipeline	Pipeline, 12" dia. (Manure Transfer Only) (installed, mobilization, materials)	lf	\$12.40	AC	100
430	CTA	Irrigation Pipeline	Pipeline, 15" dia. (installed, mobilization, materials)	lf	\$17.30	AC	100
430	CTA	Irrigation Pipeline	Pipeline, 15" dia. (Manure Transfer Only) (installed, mobilization, materials)	lf	\$17.30	AC	100
430	CTA	Irrigation Pipeline	Pipeline, 18" or larger dia. (installed, mobilization, materials)	lf	\$25.90	AC	100
430	CTA	Irrigation Pipeline	Pipeline, 18" or larger dia. (Manure Transfer Only) (installed, mobilization, materials)	lf	\$25.90	AC	100
430	CTA	Irrigation Pipeline	Pipeline, 3" or 4" dia. (installed, mobilization, materials)	lf	\$6.40	AC	100
430	CTA	Irrigation Pipeline	Pipeline, 3" or 4" dia. (Manure Transfer Only) (installed, mobilization, materials)	lf	\$6.40	AC	100
430	CTA	Irrigation Pipeline	Pipeline, 6" or 8" dia. (installed, mobilization, materials)	lf	\$8.20	AC	100
430	CTA	Irrigation Pipeline	Pipeline, 6" or 8" dia. (Manure Transfer Only) (installed, mobilization, materials)	lf	\$8.20	AC	100
430	CTA	Irrigation Pipeline	Pressure Rel Valve - 2" (up to 8" dia pipe) (Manure Transfer ONLY) installed on an existing pump discharge to meet the standard	ea	\$141.00	AC	100
430	CTA	Irrigation Pipeline	Pressure Rel Valve - 2" (up to 8" dia pipe) installed on an existing pump discharge to meet the standard	ea	\$141.00	AC	100
430	CTA	Irrigation Pipeline	Pressure Rel Valve - 3" (8" to 12" dia pipe) (Manure Transfer ONLY) installed on an existing pump discharge to meet the standard	ea	\$186.00	AC	100
430	CTA	Irrigation Pipeline	Pressure Rel Valve - 3" (8" to 12" dia pipe) installed on an existing pump discharge to meet the standard	ea	\$186.00	AC	100
430	CTA	Irrigation Pipeline	Pressure Rel Valve - 4" (12" to 16" dia pipe) (Manure Transfer ONLY) installed on an existing pump discharge to meet the standard	ea	\$227.00	AC	100
430	CTA	Irrigation Pipeline	Pressure Rel Valve - 4" (12" to 16" dia pipe) installed on an existing pump discharge to meet the standard	ea	\$227.00	AC	100

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430	CTA	Irrigation Pipeline	Pressure Rel Valve - 6" (16" to 24" dia pipe) (Manure Transfer ONLY) installed on an existing pump discharge to meet the standard	ea	\$540.00	AC	100
430	CTA	Irrigation Pipeline	Pressure Rel Valve - 6" (16" to 24" dia pipe) installed on an existing pump discharge to meet the standard	ea	\$540.00	AC	100
430	CTA	Irrigation Pipeline	Pump to pipeline connection, 10" dia. (installed, mobilization, pressure regulator w/ valve, air release and pressure relief valves, gate valve, couplings)	ea	\$3,729.00	AC	100
430	CTA	Irrigation Pipeline	Pump to pipeline connection, 10" dia. (Manure Transfer ONLY) (installed, mobilization, pressure regulator w/ valve, air release and pressure relief valves, gate valve, couplings)	ea	\$3,729.00	AC	100
430	CTA	Irrigation Pipeline	Pump to pipeline connection, 12" dia. (installed, mobilization, pressure regulator w/ valve, air release and pressure relief valves, gate valve, couplings)	ea	\$4,163.00	AC	100
430	CTA	Irrigation Pipeline	Pump to pipeline connection, 12" dia. (Manure Transfer ONLY) (installed, mobilization, pressure regulator w/ valve, air release and pressure relief valves, gate valve, couplings)	ea	\$4,163.00	AC	100
430	CTA	Irrigation Pipeline	Pump to pipeline connection, 15" dia. (installed, mobilization, pressure regulator w/ valve, air release and pressure relief valves, gate valve, couplings)	ea	\$5,042.00	AC	100
430	CTA	Irrigation Pipeline	Pump to pipeline connection, 15" dia. (Manure Transfer ONLY) (installed, mobilization, pressure regulator w/ valve, air release and pressure relief valves, gate valve, couplings)	ea	\$5,042.00	AC	100
430	CTA	Irrigation Pipeline	Pump to pipeline connection, 18" or greater dia. (installed, mobilization, pressure regulator w/ valve, air release and pressure relief valves, gate valve, couplings)	ea	\$5,651.00	AC	100
430	CTA	Irrigation Pipeline	Pump to pipeline connection, 18" or greater dia. (Manure Transfer ONLY) (installed, mobilization, pressure regulator w/ valve, air release and pressure relief valves, gate valve, couplings)	ea	\$5,651.00	AC	100
430	CTA	Irrigation Pipeline	Pump to pipeline connection, 3" or 4" dia. (installed, mobilization, pressure regulator w/ valve, air release and pressure relief valves, gate valve, couplings)	ea	\$2,393.00	AC	100
430	CTA	Irrigation Pipeline	Pump to pipeline connection, 3" or 4" dia. (Manure Transfer ONLY) (installed, mobilization, pressure regulator w/ valve, air release and pressure relief valves, gate valve, couplings)	ea	\$2,393.00	AC	100
430	CTA	Irrigation Pipeline	Pump to pipeline connection, 6" or 8" dia. (installed, mobilization, pressure regulator w/ valve, air release and pressure relief valves, gate valve, couplings)	ea	\$3,000.00	AC	100
430	CTA	Irrigation Pipeline	Pump to pipeline connection, 6" or 8" dia. (Manure Transfer ONLY) (installed, mobilization, pressure regulator w/ valve, air release and pressure relief valves, gate valve, couplings)	ea	\$3,000.00	AC	100
430	CTA	Irrigation Pipeline	Surge Valve per inch of pipe OD (includes valve and coupler kit)	in	\$151.30	AC	100
436	CTA	Irrigation Reservoir	Earthfill Moisture Control	cy	\$2.30	AC	100
436	CTA	Irrigation Reservoir	Earthfill Soil Modification-quicklime material & freight	tn	\$184.25	AC	100
436	CTA	Irrigation Reservoir	Earthfill Soil Modification-quicklime treated earthfill for dispersive clays	cy	\$9.20	AC	100
436	CTA	Irrigation Reservoir	Earthfill Hauled in from Off Farm (cost additional to earthwork included in structure cost)	cy	\$4.06	AC	100
436	CTA	Irrigation Reservoir	Irrigation Reservoir (nstalled, mobilization, earthwork)	cy	\$2.26	AC	100

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441	CTA	Irrigation system, Microirrigation	Flexible hose, irrigation taper or emitters, riser connection from manifold to point of delivery	lf	\$0.52	AC	100
441	CTA	Irrigation system, Microirrigation	Flexible hose, irrigation taper or emitters, riser connection from manifold to point of delivery for Seasonal High Tunnel	ea	\$200.00	AC	100
441	CTA	Irrigation system, Microirrigation	Installation and set up of new microirrigation system (filtration system and backwash controller, control panel, radio transmitter, controller software, valves, pressure gages, flow meter)	ea	\$47,250.00	AC	100
442	CTA	Irrigation System, Sprinkler	Surface to Sprinkler Conversion	ft	\$66.01	AC	100
442	CTA	Irrigation System, Sprinkler	Small Farmer Sprinkler	ac	\$2,247.10	AC	100
442	CTA	Irrigation System, Sprinkler	Big Gun System <300 gpm, Wastewater	ea	\$6,222.32	AC	100
442	CTA	Irrigation System, Sprinkler	Self Propelled Big Gun System	ea	\$31,545.47	AC	100
442	CTA	Irrigation System, Sprinkler	Pod Systems	ea	\$218.50	AC	100
442	CTA	Irrigation System, Sprinkler	Nozzle Conversion	ft	\$5.87	AC	100
449	CTA	Irrigation Water management	Flowmeter (meter and installation on irrigation pipeline, per inch of pipe O.D.)	in	\$130.00	AC	100
449	CTA	Irrigation Water management	Rice Water Quality Improvement	ac	\$6.00	AC	100
449	CTA	Irrigation Water management	Use Phaucet program to improve water use efficiency (per acre)	ac	\$6.66	AC	100
462	CTA	Precision Land Forming	125 to 205 cy per ac (installed , mobilization, earthwork)	ac	\$315.00	AC	100
462	CTA	Precision Land Forming	Greater than 205 cy per ac (installed, mobilization, earthwork)	ac	\$429.00	AC	100
464	CTA	Irrigation Land Leveling	125 to 205 cy per ac (installed , mobilization, earthwork)	ac	\$315.00	AC	100
464	CTA	Irrigation Land Leveling	Greater than 205 cy per ac (installed, mobilization, earthwork)	ac	\$429.00	AC	100
484	CTA	Mulching	Erosion Control Matting - Permanent (installed, materials)	sy	\$5.61	AC	100
484	CTA	Mulching	Erosion Control Matting - Temporary (installed, materials)	sy	\$3.25	AC	100
484	CTA	Mulching	Hay or Straw Bales	ac	\$826.00	AC	100
490	CTA	Tree/Shrub Site Preparation	Afforestation Mechanical Deep Tillage	ac	\$36.00	AC	100
490	CTA	Tree/Shrub Site Preparation	Herbicide Heavy Competition	ac	\$115.00	AC	100
490	CTA	Tree/Shrub Site Preparation	Herbicide Light Competition	ac	\$80.00	AC	100
490	CTA	Tree/Shrub Site Preparation	Herbicide Medium Competition	ac	\$103.00	AC	100
490	CTA	Tree/Shrub Site Preparation	Reforestation Mechanical Deep Tillage	ac	\$171.00	AC	100
490	CTA	Tree/Shrub Site Preparation	Reforestation Mechanical Drum Chop or Shear	ac	\$153.00	AC	100
490	CTA	Tree/Shrub Site Preparation	Reforestation Mechanical Shear, Rake & Pile	ac	\$313.00	AC	100
490	CTA	Tree/Shrub Site Preparation	Reforestation Mechanical Strip Debris Dispersal	ac	\$119.00	AC	100
500	CTA	Obstruction Removal	Clearing and Grubbing	ac	\$1,760.00	AC	100
500	CTA	Obstruction Removal	Removing existing pipe	no	\$577.00	AC	100
512	CTA	Forage And Biomass Planting	Native Species Established (no-till or conventional till)	ac	\$346.36	AC	100
512	CTA	Forage And Biomass Planting	Interseeding Legumes -Existing Past	ac	\$190.94	AC	100
512	CTA	Forage And Biomass Planting	Sprigging	ac	\$247.68	AC	100
512	CTA	Forage And Biomass Planting	Introduced Species Establishment (no-till or conventional till)	ac	\$280.93	AC	100
516	CTA	Pipeline	< or = 1.5" pipeline	ft	\$2.78	AC	100
516	CTA	Pipeline	2 to 3 inch pipeline	ft	\$3.82	AC	100
516	CTA	Pipeline	>3 inch pipeline	ft	\$4.93	AC	100
516	CTA	Pipeline	Boring associated with any size pipeline	ft	\$30.29	AC	100
521A	CTA	Pond Sealing or Lining, Flexible Membrane	Pond Liner, Flexible Membrane (Installed, mobilization, liner)	sf	\$0.93	AC	100
521C	CTA	Pond Sealing or Lining, Bentonite Sealant	Pond Liner, Bentonite Treatment (installed, mobilization, bentonite)	tn	\$381.00	AC	100
528	CTA	Prescribed Grazing	PCS 1 to 4 (1st year)	ac	\$106.43	AC	100
528	CTA	Prescribed Grazing	PCS 2 to 4 (1st year)	ac	\$90.67	AC	100
528	CTA	Prescribed Grazing	PCS 3 to 4 (1st year)	ac	\$49.42	AC	100

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528	CTA	Prescribed Grazing	PCS 1 to 4 (2nd and 3rd year)	ac	\$28.08	AC	100
528	CTA	Prescribed Grazing	PCS 2 to 4 (2nd and 3rd year)	ac	\$24.33	AC	100
528	CTA	Prescribed Grazing	PCS 3 to 4 (2nd and 3rd year)	ac	\$15.35	AC	100
528	CTA	Prescribed Grazing	Deferred Grazing	ac	\$50.68	AC	100
533	CTA	Pumping Plant	Small Farmer Irrig - < 150 gpm	ea	\$5,206.64	AC	100
533	CTA	Pumping Plant	>150 gpm Irrigation Pump <500 gpm	ea	\$12,547.23	AC	100
533	CTA	Pumping Plant	500 to 2800 gpm Irrigation Pump	ea	\$20,324.48	AC	100
533	CTA	Pumping Plant	2800 to 4000 gpm Irrigation Pump	ea	\$25,047.56	AC	100
533	CTA	Pumping Plant	> 4000 gpm Irrigation Pump	gpm	\$7.23	AC	100
533	CTA	Pumping Plant	Waste pump for liquid/solid materials	gpm	\$73.33	AC	100
533	CTA	Pumping Plant	Pump for Livestock	ea	\$4,231.25	AC	100
533	CTA	Pumping Plant	An Alternative Energy Pump for Livestock	ea	\$5,915.32	AC	100
533	CTA	Pumping Plant	Conversion to a Low Pressure Center Pivot Sprinkler System - Irrigation pump modification (materials, labor, equipment, mobilization)	ea	\$3,675.00	AC	100
548	CTA	Grazing Land Mechanical Treatment	Modify physical soil and /or plant conditions with mechanical tools	ac	\$18.00	AC	100
550	CTA	Range Planting	Native species, 1 to 2 species (No-til burndown or conventional seedbed prep, seed, planting)	ac	\$165.40	AC	100
550	CTA	Range Planting	Native species, 3 or more species mix (No-til burndown or conventional seedbed prep, seed, planting)	ac	\$200.00	AC	100
558	CTA	Roof Runoff Structure	Gutters 6x6"	lf	\$5.90	AC	100
560	CTA	Access Road	Restoration for WRP (bushhogging)	ac	\$26.00	AD	100
560	CTA	Access Road	Restoration for WRP (Mechanical)	ac	\$313.00	AD	100
560	CTA	Access Road	Restoration for WRP (Disking)	ac	\$28.00	AC	100
560	CTA	Access Road	Restoration for WRP - Control of Heavy Brush Competition - Herbicide	ac	\$115.00	AC	100
560	CTA	Access Road	Restoration for WRP - Control of Light Brush Competition - Herbicide	ac	\$80.00	AC	100
560	CTA	Access Road	Restoration for WRP - Control of Medium Brush Competition - Herbicide	ac	\$103.00	AC	100
561	CTA	Heavy Use Area Protection	Concrete Pad	cy	\$194.37	AC	100
561	CTA	Heavy Use Area Protection	Gravel Pad	cy	\$71.88	AC	100
561	CTA	Heavy Use Area Protection	Fly Ash Pad	cy	\$49.43	AC	100
561	CTA	Heavy Use Area Protection	Porous Products	sf	\$4.72	AC	100
575	CTA	Animal Trails and Walkways	Animal Trail and Walkway (installed, mobilization, earthwork)	cy	\$4.90	AC	100
575	CTA	Animal Trails and Walkways	Animal Trail and Walkway (installed, mobilization, earthwork)	lf	\$4.73	AC	100
575	CTA	Animal Trails and Walkways	Earthfill Hauled in from Off Farm (cost additional to earthwork included in structure cost)	cy	\$4.06	AC	100
575	CTA	Animal Trails and Walkways	Livestock Water Access Point - All surface material types (installed, mobilization, earthwork, all materials)	sf	\$3.70	AC	100
578	CTA	Stream Crossing	Concrete low water crossing (installed, mobilization, crossing surface, earthwork)	lf	\$122.47	AC	100
578	CTA	Stream Crossing	Earthfill Hauled in from Off Farm (cost additional to earthwork included in structure cost)	cy	\$4.06	AC	100
578	CTA	Stream Crossing	Earthfill Moisture Control	cy	\$2.30	AC	100
578	CTA	Stream Crossing	Earthfill Soil Modification-quicklime material & freight	tn	\$184.25	AC	100
578	CTA	Stream Crossing	Earthfill Soil Modification-quicklime treated earthfill for dispersive clays	cy	\$9.20	AC	100

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580	CTA	Streambank and Shoreline Protection	Earthfill Hauled in from Off Farm (cost additional to earthwork included in structure cost)	cy	\$4.06	AC	100
580	CTA	Streambank and Shoreline Protection	Shoreline Protection Combination of Riprap & Plantings (installed, mobilization, earthwork, materials)	lf	\$77.60	AC	100
580	CTA	Streambank and Shoreline Protection	Shoreline Protection Rock Riprap (installed, mobilization, earthwork, rock)	lf	\$71.70	AC	100
580	CTA	Streambank and Shoreline Protection	Shoreline Protection Vegetative Plantings (installed, mobilization, earthwork, plants)	lf	\$14.58	AC	100
587	CTA	Structure for Water Control	Beaver guard/trash rack - 4 1/2' x 5' x 3 1/2' rack made of 3/4" rods and 2" x 2" x 1/4" angle	ea	\$725.35	AC	100
587	CTA	Structure for Water Control	Beaver guard/trash rack - extension of rack height, width and length	ft	\$134.50	AC	100
587	CTA	Structure for Water Control	Canal gate - 24" x 5"	ea	\$1,389.00	AC	100
587	CTA	Structure for Water Control	Concrete Slabs (includes forming, steel, placement, finish)	cy	\$262.00	AC	100
587	CTA	Structure for Water Control	Earthfill Hauled in from Off Farm (cost additional to earthwork included in structure cost)	cy	\$4.06	AC	100
587	CTA	Structure for Water Control	Earthfill Moisture Control	cy	\$2.30	AC	100
587	CTA	Structure for Water Control	Earthfill Soil Modification-quicklime material & freight	tn	\$184.25	AC	100
587	CTA	Structure for Water Control	Earthfill Soil Modification-quicklime treated earthfill for dispersive clays	cy	\$9.20	AC	100
587	CTA	Structure for Water Control	Low Overfall End Sections - 18" to 27" diameter pipe (per inch of pipe diameter)	in	\$25.50	AC	100
587	CTA	Structure for Water Control	Low Overfall End Sections - 8" to 15" diameter pipe (per inch of pipe diameter)	in	\$8.10	AC	100
587	CTA	Structure for Water Control	Re-installation of a failed structure (Requires SO Approval, includes excavation, re-set structure, anti-bouyancy concrete, rebar, earthfill, mobilization)	cy	\$24.10	AC	100
587	CTA	Structure for Water Control	Riser -CMP-Fabrication Charge for CMP riser (per inch of riser diameter) w/ concrete, rebar	in	\$13.90	AC	100
587	CTA	Structure for Water Control	Rock Riprap (rock, geotextile, hauling & placement)	tn	\$73.00	AC	100
587	CTA	Structure for Water Control	Smooth Steel - 1/2 Round Riser 30"wide X 3' high X 18" barrel (includes anti-bouyancy concrete & steel)	ea	\$294.00	AC	100
587	CTA	Structure for Water Control	Smooth Steel - 1/2 Round Riser 30"wide X 3' high X 20" barrel (includes anti-bouyancy concrete & steel)	ea	\$300.00	AC	100
587	CTA	Structure for Water Control	Smooth Steel - 1/2 Round Riser 30"wide X 3' high X 22" barrel (includes anti-bouyancy concrete & steel)	ea	\$307.00	AC	100
587	CTA	Structure for Water Control	Smooth Steel - 1/2 Round Riser 30"wide X 3' high X 24" barrel (includes anti-bouyancy concrete & steel)	ea	\$313.00	AC	100
587	CTA	Structure for Water Control	Smooth Steel - Cost per additional foot of 1/2 round riser height w/ additional concrete	ea	\$80.00	AC	100
587	CTA	Structure for Water Control	Smooth Steel - Cost per additional foot of rectangular riser height w/ additional concrete	ea	\$179.00	AC	100
587	CTA	Structure for Water Control	Smooth Steel - Full Round Riser - Inline for beaver control w/concrete, rebar	in	\$34.90	AC	100
587	CTA	Structure for Water Control	Smooth Steel - Rect. 2' wide X 4' deep X 3' high X 18" barrel (includes anti-bouyancy concrete & steel)	ea	\$591.00	AC	100
587	CTA	Structure for Water Control	Smooth Steel - Rect. 2' wide X 4' deep X 3' high X 20" barrel (includes anti-bouyancy concrete & steel)	ea	\$598.00	AC	100

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587	CTA	Structure for Water Control	Smooth Steel - Rect. 2' wide X 4' deep X 3' high X 22" barrel (includes anti-bouyancy concrete & steel)	ea	\$604.00	AC	100
587	CTA	Structure for Water Control	Smooth Steel - Rect. 2' wide X 4' deep X 3' high X 24" barrel (includes anti-bouyancy concrete & steel)	ea	\$610.00	AC	100
587	CTA	Structure for Water Control	Smooth Steel - Rect. 2' wide X 4' deep X 3' high X 26" barrel (includes anti-bouyancy concrete & steel)	ea	\$616.00	AC	100
587	CTA	Structure for Water Control	Smooth Steel - Rect. 2' wide X 4' deep X 3' high X 30" barrel (includes anti-bouyancy concrete & steel)	ea	\$629.00	AC	100
587	CTA	Structure for Water Control	Smooth Steel Pipe - Fabrication charges to lengthen pipe or to attach header to barrel (per inch of pipe/barrel diameter)	in	\$9.65	AC	100
587	CTA	Structure for Water Control	Straight Pipe, All Material Types 13" to 16" diameter pipe, (installed, mobilization, materials)	ft	\$38.03	AC	100
587	CTA	Structure for Water Control	Straight Pipe, All Material Types 17" to 24" diameter pipe, (installed, mobilization, materials)	ft	\$49.73	AC	100
587	CTA	Structure for Water Control	Straight Pipe, All Material Types 25" to 30" diameter pipe, (installed, mobilization, materials)	ft	\$75.49	AC	100
587	CTA	Structure for Water Control	Straight Pipe, All Material Types 31" to 36" diameter pipe, (installed, mobilization, materials)	ft	\$99.65	AC	100
587	CTA	Structure for Water Control	Straight Pipe, All Material Types 37" to 42" diameter pipe, (installed, mobilization, materials)	ft	\$137.55	AC	100
587	CTA	Structure for Water Control	Straight Pipe, All Material Types 43" to 48" diameter pipe, (installed, mobilization, materials)	ft	\$149.38	AC	100
587	CTA	Structure for Water Control	Straight Pipe, All Material Types 49" to 66" diameter pipe, (installed, mobilization, materials)	ft	\$164.56	AC	100
587	CTA	Structure for Water Control	Straight Pipe, All Material Types 67" and larger diameter pipe, (installed, mobilization, materials)	ft	\$240.60	AC	100
587	CTA	Structure for Water Control	Straight Pipe, All Material Types up to 12" diameter pipe, (installed, mobilization, materials)	ft	\$38.66	AC	100
587	CTA	Structure for Water Control	Variable Weir Inlet - Aluminum Header 24"X12"X4' (includes anti-bouyancy concrete & steel)	ea	\$422.10	AC	100
587	CTA	Structure for Water Control	Variable Weir Inlet - Aluminum Header 36"X15"X4' (includes anti-bouyancy concrete & steel)	ea	\$498.10	AC	100
587	CTA	Structure for Water Control	Variable Weir Inlet - Aluminum Header 48"X18"X4' (includes anti-bouyancy concrete & steel)	ea	\$775.20	AC	100
587	CTA	Structure for Water Control	Variable Weir Inlet - Aluminum Header 48"X21"X4' (includes anti-bouyancy concrete & steel)	ea	\$678.40	AC	100
587	CTA	Structure for Water Control	Variable Weir Inlet - PVC Headers 24" X 12" X 4' (includes anti-bouyancy concrete & steel)	ea	\$529.00	AC	100
587	CTA	Structure for Water Control	Variable Weir Inlet - PVC Headers 24" X 15" X 4' (includes anti-bouyancy concrete & steel)	ea	\$567.00	AC	100
587	CTA	Structure for Water Control	Variable Weir Inlet - PVC Headers 36" X 15" X 4' (includes anti-bouyancy concrete & steel)	ea	\$795.00	AC	100
587	CTA	Structure for Water Control	Variable Weir Inlet - PVC Headers 36" X 18" X 2' (includes anti-bouyancy concrete & steel)	ea	\$738.00	AC	100
587	CTA	Structure for Water Control	Variable Weir Inlet - PVC Headers 36" X 18" X 3' (includes anti-bouyancy concrete & steel)	ea	\$810.00	AC	100
587	CTA	Structure for Water Control	Variable Weir Inlet - PVC Headers 36" X 18" X 4' (includes anti-bouyancy concrete & steel)	ea	\$878.00	AC	100

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587	CTA	Structure for Water Control	Variable Weir Inlet - PVC Headers 48" X 18" X 4' (includes anti-bouyancy concrete & steel)	ea	\$1,258.00	AC	100
587	CTA	Structure for Water Control	Variable Weir Inlet - PVC Headers 48" X 21" X 2' (includes anti-bouyancy concrete & steel)	ea	\$1,132.00	AC	100
587	CTA	Structure for Water Control	Variable Weir Inlet - PVC Headers 48" X 21" X 3' (includes anti-bouyancy concrete & steel)	ea	\$1,217.00	AC	100
587	CTA	Structure for Water Control	Variable Weir Inlet - PVC Headers 48" X 21" X 4' (includes anti-bouyancy concrete & steel)	ea	\$1,302.00	AC	100
587	CTA	Structure for Water Control	Variable Weir Inlet - PVC Headers 48" X 24" X 4' (includes anti-bouyancy concrete & steel)	ea	\$1,338.00	AC	100
590	CTA	Nutrient Management	Nutrient management - Enhanced (Organic)	ac	\$50.76	AC	100
590	CTA	Nutrient Management	Grid Sampling / Zone Soil Mgt. w EC Maps	ac	\$16.00	AC	100
590	CTA	Nutrient Management	Nutrient Management for Fixed Location Seasonal High Tunnels	ea	\$79.35	AC	100
595	CTA	Integrated Pest Management	Organic Cropland	ac	\$161.64	AC	100
595	CTA	Integrated Pest Management	Integrated Pest Management for Fixed Location Seasonal High Tunnels	ea	\$231.39	AC	100
600	CTA	Terrace	Earthfill Hauled in from Off Farm (cost additional to earthwork included in structure cost)	cy	\$4.06	AC	100
600	CTA	Terrace	Earthfill Moisture Control	cy	\$2.30	AC	100
600	CTA	Terrace	Earthfill Soil Modification-quicklime material & freight	tn	\$184.25	AC	100
600	CTA	Terrace	Earthfill Soil Modification-quicklime treated earthfill for dispersive clays	cy	\$9.20	AC	100
600	CTA	Terrace	Terrace (Installed, mobilization, earthwork)	lf	\$1.90	AC	100
601	CTA	Vegetative Barrier	Native species (conventional seedbed prep, seed, planting, fertilizer)	lf	\$0.41	AC	100
601	CTA	Vegetative Barrier	Native species (conventional seedbed prep, seed, planting, fertilizer) (Sugar Cane Only)	lf	\$0.67	AC	100
607	CTA	Surface Drain, Field Ditch	Waterway (installed, mobilization, earthwork) for Seasonal High Tunnel	cy	\$7.31	AC	100
612	CTA	Tree/Shrub Establishment	Cottonwood Cuttings plus Other Hardwood Bare Root Seedlings (302/302) (Planting included) (CRP - CP31 Only)	ac	\$305.02	AC	100
612	CTA	Tree/Shrub Establishment	Hardwood Bare Root Seedlings 302 per acre (planting included)	ac	\$163.30	AC	100
612	CTA	Tree/Shrub Establishment	Hardwood Bare Root Seedlings 450 per acre (planting cost included)	ac	\$243.00	AC	100
612	CTA	Tree/Shrub Establishment	Hardwood/Pine Seedling Mixture (planting costs included)	ac	\$174.00	AC	100
612	CTA	Tree/Shrub Establishment	Pine Bare Root Seedlings 540 per acre (Longleaf Pine ONLY) (planting included)	ac	\$151.20	AC	100
612	CTA	Tree/Shrub Establishment	Pine Bare Root Seedlings 680 per acre (planting included)	ac	\$163.60	AC	100
612	CTA	Tree/Shrub Establishment	Pine Containerized (Root Plugs) Seedlings 450 per acre (Longleaf Pine ONLY) (planting cost included)	ac	\$171.00	AC	100
612	CTA	Tree/Shrub Establishment	Pine Containerized (Root Plugs) Seedlings 450 per acre (planting cost included)	ac	\$139.50	AC	100
614	CTA	Watering Facility	Freeze Proof Conc. Tank	ea	\$968.33	AC	100
614	CTA	Watering Facility	Fountain	ea	\$814.93	AC	100
614	CTA	Watering Facility	Large Storage Str.	ga	\$0.62	AC	100
614	CTA	Watering Facility	Concrete<1000	ga	\$1.55	AC	100
614	CTA	Watering Facility	Poly_Tire>200	ga	\$1.17	AC	100
614	CTA	Watering Facility	Poly_Tire<200	ga	\$3.57	AC	100
614	CTA	Watering Facility	Galvanized>399	ga	\$1.52	AC	100
614	CTA	Watering Facility	Galvanized<399	ga	\$2.42	AC	100

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620	CTA	Underground Outlet	Underground Outlet (Installed, mobilization, earthwork, materials) for Seasonal High Tunnel	lf	\$10.50	AC	100
629	CTA	Waste Treatment	In-House Pasteurization of Broiler Litter (windrowing) per house per event	no	\$350.00	AC	100
633	CTA	Waste Utilization	Waste Utilization outside the 8 digit HUC where the waste is produced	ac	\$30.00	AC	100
633	CTA	Waste Utilization	Waste Utilization within the 8 Digit HUC from where the waste is produced	ac	\$25.00	AC	100
638	CTA	Water and Sediment Control Basin	Earthfill Hauled in from Off Farm (cost additional to earthwork included in structure cost)	cy	\$4.06	AC	100
638	CTA	Water and Sediment Control Basin	Earthfill Moisture Control	cy	\$2.30	AC	100
638	CTA	Water and Sediment Control Basin	Earthfill Soil Modification-quicklime material & freight	tn	\$184.25	AC	100
638	CTA	Water and Sediment Control Basin	Earthfill Soil Modification-quicklime treated earthfill for dispersive clays	cy	\$9.20	AC	100
638	CTA	Water and Sediment Control Basin	Water and Sediment Control Basin (installed, mobilization, earthwork, outlet structure)	cy	\$3.10	AC	100
642	CTA	Water Well	Artesian Water well	ft	\$7.10	AC	100
642	CTA	Water Well	Well and Pump	ea	\$2,976.00	AC	100
645	CTA	Upland Wildlife Habitat Management	Snag Creation	sf	\$127.52	AC	100
646	CTA	Shallow Water Development and Management	Mudflat 60 days	ac	\$99.39	AC	100
646	CTA	Shallow Water Development and Management	Mudflat 90 days	ac	\$127.39	AC	100
646	CTA	Shallow Water Development and Management	Manipulation and Flood Nov 1 to Feb 15	ac	\$87.66	AC	100
646	CTA	Shallow Water Development and Management	Flood Nov 15 to Feb 1	ac	\$60.91	AC	100
646	CTA	Shallow Water Development and Management	Catch Rainfall Nov 1 to Feb 15	ac	\$8.37	AC	100
646	CTA	Shallow Water Development and Management	Manipulate and Rainfall Nov 1 to Feb 15	ac	\$18.33	AC	100
647	CTA	Early Successional Habitat Development/Management	Early Successional Habitat Development/Management (bushhogging)	ac	\$26.00	AC	100
647	CTA	Early Successional Habitat Development/Management	Early Successional Habitat Development/Management (Chemical Application)	ac	\$80.00	AC	100
647	CTA	Early Successional Habitat Development/Management	Early Successional Habitat Developments/Management (Disking)	ac	\$28.00	AC	100
655	CTA	Forest Trails and Landings	Earthfill Hauled in from Off Farm (cost additional to earthwork included in structure cost)	cy	\$4.06	AC	100
655	CTA	Forest Trails and Landings	Establish Broad Based Dip (installed, mobilization, earthwork)	ea	\$183.00	AC	100
655	CTA	Forest Trails and Landings	Establish Rolling Dip (installed, mobilization, earthwork)	ea	\$144.30	AC	100
655	CTA	Forest Trails and Landings	Establish Waterbar (installed, mobilization, earthwork)	ea	\$100.35	AC	100
655	CTA	Forest Trails and Landings	Establish Wing Ditches (installed, mobilization, earthwork)	ea	\$105.50	AC	100
657	CTA	Wetland Restoration	Levee Breach - minimum 50 ft. base with 6:1 side slope (includes mobilization, equipment and labor to cut breach and spread spoil along levee)	ea	\$1,890.00	AC	100

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657	CTA	Wetland Restoration	Levee Demolition	cy	\$1.74	AC	100
657	CTA	Wetland Restoration	Levee Erosion Repair (includes labor, equipment, and mobilization)	lf	\$1.39	AC	100
657	CTA	Wetland Restoration	Micro hydrology - Dump Spoil	cy	\$1.46	AC	100
657	CTA	Wetland Restoration	Micro hydrology - Haul Spoil	cy	\$1.79	AC	100
666	CTA	Forest Stand Improvement	Light Mechanical (Includes Pre commercial Thinning)	ac	\$ 31.14	AC	100
666	CTA	Forest Stand Improvement	Medium Mechanical (Includes Pre commercial Thinning)	ac	\$ 139.58	AC	100
666	CTA	Forest Stand Improvement	Heavy Mechanical	ac	\$ 432.68	AC	100
666	CTA	Forest Stand Improvement	Light Chemical Ground	ac	\$ 128.15	AC	100
666	CTA	Forest Stand Improvement	Heavy Chemical Ground	ac	\$ 134.10	AC	100
666	CTA	Forest Stand Improvement	Heavy Chemical Aerial	ac	\$ 96.02	AC	100
710	CTA	Agricultural Secondary Containment Facility	On-Farm Fuel containment Facility	sf	\$21.65	AC	100
717	CTA	Livestock Shade Structure	Livestock portable shade structure	sf	\$5.00	AC	100
798	CTA	Seasonal High Tunnel System for Crops	Seasonal High Tunnel System for Crops (2,178 sq ft maximum) (includes materials and labor for construction)	sf	\$3.58	AC	100
799	CTA	Monitoring and Evaluation	Single Point Water - Monitoring 1st Year	site	\$30,634.00	AC	100
799	CTA	Monitoring and Evaluation	Single Point Water - Monitoring Years 2-5	site	\$14,334.00	AC	100