

**EQIP 2008 Cost List 75%, Puerto Rico  
FY 2012**

Code	Practice Name	Component	Units	Unit Cost
102	Comprehensive Nutrient Management CAP (102)	EQIP contract approval, participant has obtained services from a certified TSP for develop of the Comprehensive Nutrient Management (CNMP)-conservation activity plan.	No.	\$ 3,480.00
104	Nutrient Management Conservation Activity Plan CAP (104)	Less than 100 Ac- EQIP contract approval, participant has obtained services from a certified TSP for develop of the "Nutrient Management" conservation activity plan	No.	\$ 1,596.00
104	Nutrient Management Conservation Activity Plan CAP (104)	101-300 Ac - EQIP contract approval, participant has obtained services from a certified TSP for develop of the "Nutrient Management" conservation activity plan	No.	\$ 1,890.00
104	Nutrient Management Conservation Activity Plan CAP (104)	More than 300, Ac - EQIP contract approval, participant has obtained services from a certified TSP for develop of the "Nutrient Management" conservation activity plan	No.	\$ 2,268.00
106	Forest Management Conservation Activity Plan CAP (106)	Less than 50 Ac - EQIP contract approval, participant has obtained services from a certified TSP for develop of the Forest Management, conservation activity plan.	No.	\$ 1,260.00
106	Forest Management Conservation Activity Plan CAP (106)	50- 100 AC - EQIP contract approval, participant has obtained services from a certified TSP for develop of the Forest Management, conservation activity plan.	No.	\$ 2,310.00
106	Forest Management Conservation Activity Plan CAP (106)	More than 100 Ac - EQIP contract approval, participant has obtained services from a certified TSP for develop of the Forest Management, conservation activity plan.	No.	\$ 3,150.00
114	Integrated Pest Management Conservation Activity Plan CAP (114)	EQIP contract approval, participant has obtained services from a certified TSP for development of the "Integrated Pest Management" conservation activity plan.	No.	\$ 1,260.00
118	Irrigation Water Management Conservation Activity Plan CAP (118)	EQIP contract approval, participant has obtained services from a certified TSP for develop of the "Irrigation Water Management" conservation activity plan.	No.	\$ 1,942.50
122	Agricultural Energy Management - Headquarters Conservation Activity Plan CAP (122)	Small < 70 AU - EQIP contract approval, participant has obtained services from a certified TSP for development of the "Agricultural Energy Management - Headquarters" conservation activity plan.	No.	\$ 1,145.00
122	Agricultural Energy Management - Headquarters Conservation Activity Plan CAP (122)	Medium 70-300 AU - EQIP contract approval, participant has obtained services from a certified TSP for development of the "Agricultural Energy Management - Headquarters" conservation activity plan.	No.	\$ 1,506.00
122	Agricultural Energy Management - Headquarters Conservation Activity Plan CAP (122)	Large 301-2500 AU - EQIP contract approval, participant has obtained services from a certified TSP for development of the "Agricultural Energy Management - Headquarters" conservation activity plan.	No.	\$ 1,865.00
122	Agricultural Energy Management - Headquarters Conservation Activity Plan CAP (122)	Non-Livestock-Single Enterprise- EQIP contract approval, participant has obtained services from a certified TSP for development of the "Agricultural Energy Management-Headquarters" CAP.	No.	\$ 1,908.00
122	Agricultural Energy Management - Headquarters Conservation Activity Plan CAP (122)	Non-Livestock - Two Enterprises-EQIP contract approval, participant has obtained services from a certified TSP for development of the "Agricultural Energy Management-Headquarters" CAP.	No.	\$ 2,441.00
122	Agricultural Energy Management - Headquarters Conservation Activity Plan CAP (122)	Mixed Enterprises - EQIP contract approval, participant has obtained services from a certified TSP for development of the "Agricultural Energy Management - Headquarters" conservation activity plan.	No.	\$ 786.00
124	Agricultural Energy Management - Landscape Conservation Activity Plan CAP (124)	Non-Irrigated < 50 acres - EQIP contract approval, participant has obtained services from a certified TSP for development of the "Agricultural Energy Management - Landscape" CAP.	No.	\$ 1,242.00
124	Agricultural Energy Management - Landscape Conservation Activity Plan CAP (124)	Non-Irrigated 50-499 acres- EQIP contract approval, participant has obtained services from a certified TSP for development of the "Agricultural Energy Management - Landscape" CAP.	No.	\$ 1,571.00
124	Agricultural Energy Management - Landscape Conservation Activity Plan CAP (124)	Non-Irrigated 500-4,999 acresEQIP contract approval, participant has obtained services from a certified TSP for development of the "Agricultural Energy Management - Landscape" CAP.	No.	\$ 1,931.00
124	Agricultural Energy Management - Landscape Conservation Activity Plan CAP (124)	Irrigated < 50 acres- EQIP contract approval, participant has obtained services from a certified TSP for development of the "Agricultural Energy Management - Landscape" CAP	No.	\$ 1,908.00
124	Agricultural Energy Management - Landscape Conservation Activity Plan CAP (124)	Irrigated 50-499 acres- EQIP contract approval, participant has obtained services from a certified TSP for development of the "Agricultural Energy Management - Landscape" CAP	No.	\$ 2,553.00
124	Agricultural Energy Management - Landscape Conservation Activity Plan CAP (124)	Irrigated 500-4,999 acres EQIP contract approval, participant has obtained services from a certified TSP for development of the "Agricultural Energy Management - Landscape" CAP	No.	\$ 3,306.00
130	Drainage Water Management Conservation Activity Plan CAP (130)	With map- EQIP contract approval, participant has obtained services from a certified TSP for development of the "Drainage Water Management" conservation activity plan (CAP).	No.	\$ 1,415.00
130	Drainage Water Management Conservation Activity Plan CAP (130)	Without map- EQIP contract approval, participant has obtained services from a certified TSP for development of the "Drainage Water Management" conservation activity plan (CAP).	No.	\$ 1,626.00
310	Bedding (310)	Building ridges separated by shallow, parallel channels in areas flat or nearly flat topography with poorly drained soils; equipment and labor.	Acre	\$ 18.80
313	Waste Storage Facility (313)	Pond construction (excavation/fill), materials (pipe, rock, gravel, concrete, etc.).	Cu Yd.	\$ 11.80
313	Waste Storage Facility (313)	Tank, reinforced concrete construction, materials, equipment, mobilization and labor.	Cu Yd.	\$ 307.00
313	Waste Storage Facility (313)	Stacking facility construction, 3 walls concrete structure with roof (metal/galvalum), materials, equipment, mobilization and labor.	Sq. Ft	\$ 31.00
313	Waste Storage Facility (313)	Renovation Waste Storage Pond: that have served its practice lifespan as part of a sys for gas emission processed by a digester. Included removal of effluent, solids, fill low areas and re-vegetated	Cu Yd.	\$ 2.80
314	Brush Management (314)	Hand clearing/Chemical: 50-31 % ground cover woody invasion, 2 inches or less -DBH material, labor and mobilization. If needed next year use 30% and third year use ≤15% of invasion.	Acre	\$ 172.30
314	Brush Management (314)	Hand clearing/Chemical: 30-16% ground cover woody invasion, with 2 inches or less Diameter Breast Height -DBH, material, labor and mobilization. If needed for next years use ≤15 percent of invasion	Acre	\$ 130.20
314	Brush Management (314)	Hand clearing/Chemical: ≤15 % ground cover woody invasion, with a 2 inches or less Diameter Breast Height -DBH), material, labor and mobilization.	Acre	\$ 89.20
314	Brush Management (314)	Chemical control: 50-31% ground cover woody invasion, with 2 inches or less DBH; material, labor and mobilization. If needed next year use 30% and third year use ≤15% of invasion.	Acre	\$ 78.80
314	Brush Management (314)	Chemical control: 30-16% ground cover woody invasion, with 2 inches or less Diameter Breast Height -DBH; material, labor and mobilization. If needed next year use ≤15% of invasion.	Acre	\$ 48.20

314	Brush Management (314)	Chemical control: ≤15 % ground cover woody invasion, with 2 inches or less Diameter Breast Height - DBH; material, labor and mobilization.	Acre	\$	36.80
315	Herbaceous Weed Control (315)	Machinery/Oxen/Chemical: Herbaceous weed control 50-31% ground cover. Two herbicide application/one harrow pass. If needed next year use 30-16% and third year use <15% of invasion.	Acre	\$	147.30
315	Herbaceous Weed Control (315)	Machinery/Oxen/Chemical: Herbaceous weed control 30-16% ground cover. Two herbicide application/one harrow pass. If needed next year use ≤15% of invasion.	Acre	\$	136.70
315	Herbaceous Weed Control (315)	Machinery/Oxen/Chemical: Herbaceous weed control ≤15% ground cover. Two herbicide application/one harrow pass.	Acre	\$	102.60
315	Herbaceous Weed Control (315)	Chemical control: herbaceous weed control with chemicals 50-31% ground cover. Two herbicide application. If needed next year use 30-16% and third year use ≤15% of invasion.	Acre	\$	42.60
315	Herbaceous Weed Control (315)	Chemical control: herbaceous weed control with chemicals 30-16% ground cover. Two herbicide application. If needed next year use ≤15% of invasion.	Acre	\$	32.00
315	Herbaceous Weed Control (315)	Chemical control: herbaceous weed control with chemicals, ≤15% ground cover. Two herbicide application.	Acre	\$	21.30
316	Animal Mortality Facility (316)	Burial: Facility constructed for disposal of animal carcasses. Includes all materials, equipment, labor and mobilization. Shall comply with all environmental regulations.	Cu Yd.	\$	18.60
316	Animal Mortality Facility (316)	Compost/Dry Waste Storage Structure; concrete, roofed with metal/galvalum, 3 composting bins (5' deep) and storage. Includes all materials, equipment/installation, labor and mobilization.	Sq. Ft	\$	30.10
317	Composting Facility (317)	Dry Stack Facility, Compost (max 24'X24'X8'), 3 walls-concrete floor, roof (metal/galvalum). Includes materials, equipment/installation, labor, mobilization. Similar design as Dry Stack Facility.	Sq. Ft	\$	31.00
317	Composting Facility (317)	Compost/Dry Waste Storage, composting of carcasses,waste storage. Concrete, roof metal/galvalum, 3 compost bins and storage. Includes all materials, installation, equipment and labor.	Sq. Ft	\$	30.10
320	Irrigation Canal or Lateral (320)	Earth canal, construction/restoration, equipment and mobilization and labor.	Cu Yd.	\$	6.90
324	Deep Tillage (324)	Subsoiling/Chiseiling with machinery (less than 20% slope), to break soil compaction equipment, mobilization and labor.	Acre	\$	46.90
326	Clearing & Snagging (326)	Removing snags, drifts, or other obstructions that impedes the proper functioning of a stream channel or water course; equipment, mobilization and labor.	Lin Ft	\$	54.20
329	Residue and Tillage Management, No-Till/Strip Till/Direct Seed (329)	Chemical or manual, materials, and labor.	Acre	\$	215.40
330	Contour Farming (330)	Machinery (≤ 20% slope) low ridge (<8") contour plowing or farming, equipment, and labor.	Acre	\$	70.30
330	Contour Farming (330)	Oxen high ridge (>8") contour plowing or farming for root crop, equipment and labor.	Acre	\$	201.00
330	Contour Farming (330)	Oxen low ridge (<8") contour plowing or farming equipment and labor.	Acre	\$	137.00
330	Contour Farming (330)	Field Layout-Arrangement Contour plow or contour farming of selected crop around the hill. Labor cost.	Acre	\$	32.00
331	Contour Orchard and other Perennial Crops (331)	Field Layout-Arrangement-Contour plow or contour farming of fruits, orchards and other tropical small fruit across a slope. Labor	Acre	\$	53.25
340	Cover Crop (340)	Establish grasses, legumes and forbs for temporary cover using oxen or machinery< 20% slope); material and labor.	Acre	\$	35.90
342	Critical Area Planting (342)	Sod to stabilize an area after a structure construction. Includes shaping, earth moving, materials, mobilization and installation.	Sq. Ft	\$	0.40
342	Critical Area Planting (342)	Seeding, includes re-shaping and earthmoving, materials, equipment, mobilization, labor and installation.	Acre	\$	676.50
342	Critical Area Planting (342)	Tree Planting - materials, equipment, mobilization and labor.	Acre	\$	2,101.90
345	Residue Management, Mulch Till (345)	Using disking (<20% slope) one or two tillage passes. After planting, at least one third (33%) of the soil surface remain cover with residues materials, equipment, and labor.	Acre	\$	189.60
345	Residue Management, Mulch Till (345)	Using oxen one or two tillage passes. After planting, at least one third (33%) of the soil surface remain cover with residues materials, equipment and labor.	Acre	\$	201.00
345	Residue Management, Mulch Till (345)	Chemical & furrowing-plow, One application of herbicide/one or two furrow passes, 33% of the soil surface remain cover with residues, materials, equipment and labor.	Acre	\$	174.70
360	Waste Facility Closure (360)	Remove all appurtenant structures and waste, land applying or disposing of them in accordance with a nutrient management plan. Backfill the Impoundment.	Cu Yd.	\$	7.10
362	Diversion (362)	Diversion construction (excavation/fill), material, equipment, labor and mobilization.	Cu Yd.	\$	3.75
366	Anaerobic Digester (366)	Digester-produce biogas from manure. Generator, separator, pump, plumbing, installation, control systems, facilities, boiler-room, flare. Not included pond-313,manure transfer-634,digester cover-367.	HEAD	\$	750.00
367	Roofs and Covers (367)	Flexible Membrane:Structure fabricated of flexible membrane installed over a waste treatment or waste storage facility. Material, Equip/Installation, labor, mobilization.	Sq. Ft	\$	0.60
374	Farmstead Energy Improvement (374)	Fan replacement with 36" panel circulation fan, 7(lb.) minimum. thrust, efficiency 16.9 (lb./kW) minimum. Materials, installation. Certification will be through receipts and pictures.	No.	\$	337.50
374	Farmstead Energy Improvement (374)	Fluorescent Light Fix: Replace light with high performance fluorescent (T5/T8) in holding areas, alleys, building. Materials, installation. Certification will be through receipts and pictures.	No.	\$	162.80
374	Farmstead Energy Improvement (374)	Milk Harvest-Vac.Pump VSD: installation of a Variable Speed Drive (VSD). Energy savings due to the reduced demand of the vacuum pump. Cost includes materials/labor for wiring and install.	No.	\$	6,211.00
374	Farmstead Energy Improvement (374)	Milk Harvest-Vac. Pump Motor: installation of a vacuum pump MOTOR. Energy savings due to the reduced demand of the vacuum pump. Cost includes materials/labor for wiring and install MOTOR.	No.	\$	1,193.00
374	Farmstead Energy Improvement (374)	Motor Replacement: w/ unit that meet the NEMA Premium® standard. Less energy use/operating cost, increase pump life/efficiency. Cost includes materials/labor for motor install.	Hp	\$	127.50
374	Farmstead Energy Improvement (374)	Water Heater-Replace w/CHR units. EPA certify tech. determines the no. of CHR units need. Cost for materials/labor to remove old heaters, install new ones, low ambient controls/condenser VSD install.	No.	\$	1,575.00

374	Farmstead Energy Improvement (374)	Scroll Compressor-Newer scroll compressor systems reduce electricity use 15 -25%. Cost for new scroll compressor, assoc. controls/wiring, materials to retrofit existing refrigeration system.	Hp	\$	375.00
374	Farmstead Energy Improvement (374)	Plate Cooler-Transfer Pump VSD Small: Install water-well plate cooler, milk pump VSD, associated appurtenances, to cool 5,600 lbs. or less of milk/day. Cost for materials/labor.	No.	\$	5,985.00
374	Farmstead Energy Improvement (374)	Plate Cooler-Transfer Pump VSD Large: Install water-well plate cooler, milk pump VSD, associated appurtenances, to cool more than 5,600 lbs. of milk/day. Cost for materials/labor.	No.	\$	7,935.00
378	Pond (378)	Pond construction (excavation/fill), materials, (pipe, rock, gravel, concrete, etc.) equipment, mobilization and labor.	Cu Yd.	\$	10.90
379	Multi-Story Cropping (379)	Plant trees or shrubs that are managed as an over story, materials, equipment, and labor.	No.	\$	7.10
381	Silvopasture Establishment (381)	Planting trees on existing pastures with tree guard made of goat wire, materials, equipment, mobilization and labor.	No.	\$	43.10
382	Fence (382)	Goat or Barbed Wire w/Treated Wood or Steel Posts, w/Gate, materials, equipment, mobilization and labor.	Lin Ft	\$	2.84
382	Fence (382)	Live post (stake),Goat or Barbed Wire w/Treated Wood or Steel Posts, w/Gate, materials, equipment, mobilization and labor.	Lin Ft	\$	3.40
391	Riparian Forest Buffer (391)	Plant Material and Establishment, materials, equipment, mobilization and labor.	No.	\$	9.20
391	Riparian Forest Buffer (391)	Natural regeneration, manage of invasive species,mobilization and labor.	Acre	\$	125.00
393	Filter Strip (393)	Plant Material, Site Preparation and Establishment Seeding or Sprigging, materials, equipment, forgone and labor.	Acre	\$	1,045.90
412	Grassed Waterway (412)	Channel construction and establishment of suitable vegetation, materials, equipment, mobilization, forgone and labor.	Acre	\$	14,789.50
423	Hillside Ditch (423)	Hand excavated Construction of a ditch, labor and mobilization.	Acre	\$	410.00
430	Irrigation Pipeline (430)	PVC pipeline 2-4" dia., water/waste conveyance, materials, installation. Convey water from water source to reservoir (all other pipeline required for irrigation system included in Practice 441).	Lb.	\$	3.00
430	Irrigation Pipeline (430)	PVC pipeline 6-10" dia., water/waste conveyance, materials, installation, labor & mobilization.	Lb.	\$	2.00
430	Irrigation Pipeline (430)	PVC pipeline 12-18" dia., water/waste conveyance, materials & installation. Convey water from water source to reservoir (all other pipeline required for irrigation included in Practice 441).	Lb.	\$	1.60
436	Irrigation Reservoir (436)	Reservoir (Pond) construction (excavation/fill) to store and regulate a water supply for irrigation, materials (pipe, rock, gravel, concrete, etc.), equipment, mobilization and labor.	Cu Yd.	\$	11.80
436	Irrigation Reservoir (436)	Plastic tank to store and regulate a water supply for irrigation, materials (tank and fittings), installation and mobilization.	Gal	\$	0.57
436	Irrigation Reservoir (436)	Flow meter box, construction of a reinforced concrete box and a connection to the main irrigation canal to regulate or store a supply water for irrigation. Material, equipment, labor and mobilization	No.	\$	5,396.00
441	Irrigation System, Microirrigation (441)	Install of Drip-Tape system, materials (tape, PVC pipeline, valves, fittings, filter, etc.), equipment, mobilization & labor. Not included pump, power and water source.	Acre	\$	1,143.75
441	Irrigation System, Microirrigation (441)	Install PE tubing system, materials (PE tubing, emitters, PVC pipeline, valves, fittings, filter, etc.), equipment, mobilization & labor. Not included pump, power & water source.	Acre	\$	1,203.25
441	Irrigation System, Microirrigation (441)	Irrigation System Repair/Upgrade - Control Station Replace an under performing irrigation system control station and filter unit. Includes filter, piping, valves, fittings and labor.	Acre	\$	120.00
442	Irrigation System, Sprinkler (442)	Install Traveler system (Hard Hose), materials (PVC pipeline, valves, fittings, guns, etc.), equipment, mobilization & labor. Not included pump, power & water source.	Acre	\$	1,050.75
442	Irrigation System, Sprinkler (442)	Install Portable Big Gun system, materials (PVC pipeline, valves, fittings, guns, etc.), equipment, mobilization & labor. Not included pump, power & water source.	Acre	\$	1,154.50
442	Irrigation System, Sprinkler (442)	Install Fixed system, materials (PVC pipeline, valves, fittings, guns, etc.), equipment, mobilization & labor. Not included pump, power & water source.	Acre	\$	1,129.10
447	Irrigation System, Tailwater Recovery (447)	Constructing facilities for the collection of irrigation tailwater that can be an integral part of irrigation systems recovering runoff of sprinkle irrigated land.Mat,Eqp,Labor & mob.	Cu Yd.	\$	9.00
449	Irrigation Water Management (449)	Includes record keeping (crop grown, irrigation dates, inches of irrigation, set length & inches of rainfall), soil moisture determined by feel/sensors, control & monitoring of irrigation water.Labor	Acre	\$	10.70
460	Land Clearing (460)	Machinery for structural practice, equipment, labor and mobilization.	Acre	\$	187.50
466	Land Smoothing (466)	Removing irregularities on the land surface, to improve surface drainage, provide for more uniform cultivation. (Mobilization, and equipment)	Acre	\$	108.30
472	Access Control (472)	Goat or Barbed Wire w/treated post or Steel Posts, w/Gate, materials, equipment, mobilization and labor.	Lin Ft	\$	2.84
472	Access Control (472)	Live post (Stake) Goat or Barbed Wire w/treated post or Steel Posts, w/Gate, materials, equipment, mobilization and labor.	Lin Ft	\$	3.40
484	Mulching (484)	Straw mulching (bales), erosion control, 2 to 4 inches cover depth, materials and labor.	Acre	\$	201.90
490	Tree/Shrub Site Preparation (490)	Chemical, improves site conditions for establishing/planting trees & shrubs, equipment, mobilization and labor.	No.	\$	0.20
490	Tree/Shrub Site Preparation (490)	Hand treating (hoe, machete, other), improves site conditions for establishing/planting trees & shrubs, equipment, mobilization and labor.	No.	\$	2.00
490	Tree/Shrub Site Preparation (490)	Chemical and Hand treating , improves site conditions for establishing/planting trees & shrubs, equipment, mobilization and labor.	No.	\$	2.18
511	Forage Harvest Management	Taking sample for forage analysis- Labor and equipment.	Acre	\$	1.10
512	Forage and Biomass Planting (512)	Seeding & Sprigging, Machinery <20% slope with chemical, Site Preparation/Establishment, materials, equipment and labor.	Acre	\$	219.00
512	Forage and Biomass Planting (512)	Seeding & Sprigging, No machinery, (oxen) Plant Material, Site Preparation/Establishment, materials, equipment and labor.	Acre	\$	262.50
516	Pipeline (516)	Plastic (PVC Schedule 40) 1/2 to 3/4 inch diameter pipeline, install from a storage tank to trough, and/or from trough to trough.	Lb.	\$	7.00
516	Pipeline (516)	Plastic (PVC Schedule 40) 1 to 2 inch diameter pipeline, install to deliver water from a water source to a storage facility.	Lb.	\$	5.00
527	Karst Sinkhole Treatment (527)	Establishment or management vegetation buffer of 25 ft. wide around the rim of a sinkhole to reduce contamination. The sinkhole surrounding buffer will be fenced.	No.	\$	463.00

527	Karst Sinkhole Treatment (527)	Obstructions removal and establishment or management vegetation buffer 25 ft. wide around the rim. The sinkhole surrounding buffer will be fenced. Includes mat/equip/Installation/labor/mobilization.	No.	\$	1,205.00
528	Prescribed Grazing (528)	Establishment and management of appropriate grazing schedule: Proper Stocking Rate-forage height (6 to 10 inches)-resting period (18-25 days) Record Keeping. One payment per acre/contract.	Acre	\$	1.00
533	Pumping Plant (533)	Pump-Deep Well-up to 10 HP, equipment (pump, motor and control box). Delivery, wiring and installation included.	Hp	\$	491.00
533	Pumping Plant (533)	Deep Well up to 10 HP/Station, equipment: pump/motor/control box. Delivery, wiring, installation included. Pumping Station: reinforced concrete floor, masonry wall, galvalum/metal roof.	Hp	\$	1,304.00
533	Pumping Plant (533)	Pump-Standard centrifugal up to 30 HP, equipment (pump, motor and control box). Delivery, installation and connection to pipeline included.	Hp	\$	426.00
533	Pumping Plant (533)	Standard Centrifugal 30HP max/Station, equipment (pump,/motor/fuse box). Delivery/wiring/installation/pipeline connect. Station reinforced concrete floor, masonry wall, galvalum/metal roof.	Hp	\$	682.00
533	Pumping Plant (533)	Pump-Irrigation, equipment (pump, motor and control box). Delivery, wiring, installation and connection to pipeline included.	Hp	\$	245.00
533	Pumping Plant (533)	Pump Irrigation/Station, equipment (pump, motor and control box). Delivery, wiring and installation included. Station: reinforced concrete floor/masonry wall/galvalum/metal roof.	Hp	\$	362.00
533	Pumping Plant (533)	Pump-Waste Irrg.: Replace old pump w/ slurry/trash pump, 40-100 HP, to pump waste to a storage facility/waste irrigation system. Delivery,wiring, installation and connection to pipeline included.	Hp	\$	243.00
533	Pumping Plant (533)	Pump Plant-Waste Irrg. Replace old pump w/slurry/trash pump, 40-100 HP. Delivery, wiring, install/connect to pipeline, reinforced concrete floor, concrete block wall, galv-alum/metal roof structure.	Hp	\$	360.00
548	Grazing Land Mechanical Treatment (548)	Chiseling, Machinery or Oxen ≤30% slope, equipment, labor and mobilization.	Acre	\$	99.00
557	Row Arrangement (557)	Establishing crop rows in direction, grade and length to provide drainage & erosion control (<20% slope), equipment and labor.	Acre	\$	70.00
558	Roof Runoff Structure (558)	Gutters and pipes to move rain water away from structures. Cost includes materials and installation.	Lin Ft	\$	1.50
561	Heavy Use Area Protection (561)	Concrete pad (6" thick) under high-use area, on wet soils, materials, equipment, mobilization and labor.	Sq. Ft	\$	7.00
561	Heavy Use Area Protection (561)	Gravel pad (1' thick) under high-use area, on wet soils, materials, equipment, mobilization and labor.	Sq. Ft	\$	3.30
561	Heavy Use Area Protection (561)	Gabion pad (9" thick) under high-use area, on wet soils, materials, equipment, mobilization and labor.	Sq. Ft	\$	5.40
574	Spring Development (574)	Installation of a collection pipe that will convey water to a collection box and into a storage tank, materials, installation, labor and mobilization.	No.	\$	3,074.00
578	Stream Crossing (578)	Ford structure in gabion mattresses, materials (baskets, ties, rock, geotextile and foundation material - stone, gravel, sand), equipment, labor and mobilization.	Sq. Ft	\$	13.80
578	Stream Crossing (578)	Ford structure in concrete (6" thick), materials (concrete, reinforcement, geotextile and foundation material - stone, gravel, sand), equipment, labor and mobilization.	Sq. Ft	\$	18.40
580	Streambank and Shoreline Protection (580)	Treatment(s) using rip-rap and vegetation to stabilize and protect streambank.	Lin Ft	\$	197.10
580	Streambank and Shoreline Protection (580)	Treatment(s) using gabion wall and vegetation to stabilize and protect streambank.	Lin Ft	\$	224.80
582	Open Channel (582)	Excavation of earth channel for water management purposes, equipment, labor and mobilization.	Cu Yd.	\$	6.90
590	Nutrient Management (590)	Soil amendments (Lime), equipment, mobilization and labor.	Acre	\$	17.00
590	Nutrient Management (590)	NPK application/soil test/record keeping	Acre	\$	15.00
590	Nutrient Management (590)	NPK application//record keeping	Acre	\$	7.00
595	Integrated Pest Management (595)	IPM_ Integrated Pest Management Record keeping, scouting for pest management implementation.	Acre	\$	21.30
601	Vegetative Barrier (601)	Cuttings or Seedlings, planting, materials, equipment, mobilization and labor.	Lin Ft	\$	3.28
603	Herbaceous Wind Barriers (603)	Cuttings or Seedlings, planting, (double row) materials, equipment, mobilization and labor.	Lin Ft	\$	0.40
612	Tree/Shrub Establishment (612)	Tree Establishment (Per Tree), materials, equipment, mobilization and labor.Tree planting for enrichments forest and improve wildlife habitat area is limited up to 110 trees per acre (maximum).	No.	\$	9.20
612	Tree/Shrub Establishment (612)	Establishing tree species by cuttings- live posts (stakes) at recommended distance, materials, equipment, mobilization and labor.	No.	\$	3.11
614	Watering Facility (614)	Construction of storage tank and troughs for watering facility, materials, equipment, labor & mobilization.	Cu Yd.	\$	307.00
614	Watering Facility (614)	Installation of plastic tank to store water supply for watering facility, materials (tank and fittings), equipment, labor & mobilization.	Gal	\$	0.57
632	Solid/Liquid Waste Separation Facility (632)	Concrete/masonry settling tank with roof (metal/galvalum), materials, equipment, labor & mobilization.	Sq. Ft	\$	31.00
633	Waste Utilization (633)	Includes liquid manure application rate, application scheduling, record keeping, sampling and monitoring.	No.	\$	173.00
633	Waste Utilization (633)	Includes solid manure application rate, application scheduling, record keeping, sampling and monitoring.	No.	\$	278.00
634	Waste Transfer (634)	Manure irrigation system, materials (PVC pipeline, valves, fittings, guns, etc.), equipment (includes slurry pump and motor), labor & mobilization. Not included external power source nor water source	Acre	\$	3,363.00
634	Waste Transfer (634)	Conduit-Concrete ditch or Plastic Pipe , materials and installation.	Lin Ft	\$	5.60
634	Waste Transfer (634)	Screw conveyor with concrete trusts, materials and installation.	Lin Ft	\$	200.00
634	Waste Transfer (634)	Concrete Sump, equipment, labor and mobilization.	Cu Yd.	\$	12.50
638	Water and Sediment Control Basin (638)	Construction of a water and sediment control basin, materials, equipment, labor and mobilization.	Cu Yd.	\$	7.00
642	Water Well (642)	Water well, drilling, installation and well pumping test.	Ft.	\$	30.00

660	Tree/Shrub Pruning (660)	Shade Tree Pruning to provide wildlife with more food and shelter. Sharp saws and shears are used. Commercial cut is not eligible for program funding. Equipment and labor	No.	\$	37.50
660	Tree/Shrub Pruning (660)	Pruning coffee tree _Leave 12"-18"stalks & vegetative material on the ground. One time for the entire field or 2 times payments for alternative row in the same field. Equipment, labor and mobilization.	No.	\$	0.28
666	Forest Stand Improvement (666)	Thinning, Non-Commercial _Remove selected trees and understory by cutting or killing, using chain saw and/or spot treatment. Equipment and labor.	Acre	\$	138.75
737	Reduced Water and Energy Conveyance System (737)	Machine 1200/1500 Kg/hr., to process coffee with a reduced amount of water and energy, equipment and installation. Max. 4 unit	No.	\$	11,434.00
751	Individual Terrace (751)	Construction of small rounded platform for tree and shrub planting on very steep slopes (>15%), labor.	No.	\$	0.45
753	Infiltration Ditch (753)	Construction of infiltration ditches, equipment, and labor .	Cu Yd.	\$	8.10
521A	Pond Sealing or Lining, Flexible Membrane (521A)	Installation of plastic mesh lining for a farm pond, material, equipment, labor and mobilization.	Sq. Ft	\$	1.20
521D	Pond Sealing or Lining, Compacted Clay Treatment (521D)	On site: 12" thick liner, placed in two separate lifts. Includes excavation of on-site clay material, subgrade preparation, spreading, moisture conditioning, and compaction of the liner.	Cu Yd.	\$	3.30
521D	Pond Sealing or Lining, Compacted Clay Treatment (521D)	Hauled: 12" thick liner, placed in two separate lifts. Includes excavation and hauling of off-site clay material, subgrade preparation, spreading, moisture conditioning, and compaction of the liner.	Cu Yd.	\$	5.60