List of Components and Definitions FY27

Component	Unit	Definition
Earthfill, compacted medium (diversions, wascobs)	cu yd	Earthfill, Compacted Medium (diversions, wascobs) (cu yd) - The cost of earthmoving, earth placement and labor required to build a diversion or wascob or similar structure. The borrow area is generally closer to the fill area than a typical grade stabilization structure. The cost of the structure includes pipe backfill, structure backfill, borrow excavation, on site borrow hauling and other necessary excavation and backfill. The cost of the listed activities divided by pay volume results in the average costs per unit.
Earthfill, compacted (dams, dikes)	cu yd	Earthfill, compacted (dams, dikes) (cu yd)- The cost of the earthmoving, earth placement and labor required to build a dam, dike or similar structure. Measurement and pay limits are: a) lower limit is the original ground surface as it existed prior to the start of construction operations, b) upper and lateral limits are the specified neat lines (constructed fill) as shown on the drawings of the practice. The pay volume includes core (cutoff) trench excavation and backfill or foundation stripping and backfill. The cost of the listed activities divided by the pay volume results in the average cost per unit. Not applicable to wetland water management levee.
Grading & Shaping Light	ac	Grading & Shaping Light CAT (ac) - The cost of using a tractor and blade or other such equipment to smooth out small gullies in preparation for seeding a filter strip or pasture or similar critical area treatment (CAT).
Grading & Shaping Medium	ac	Grading & Shaping Medium CAT (ac) - The cost of using a back hoe, small dozer or other such equipment to smooth out gullies in preparation for seeding a filter strip or pasture or similar critical area treatment (CAT).
Grading & Shaping Heavy	ac	Grading & Shaping Heavy CAT (ac) - The cost of using a bull dozer, track-hoe or other such equipment to smooth out larger gullies in preparation for seeding a filter strip, pasture or similar critical area treatment (CAT).
Side Inlet Drainage Structure, 0ft.-8ft. fill	ft	Side Inlet Drainage Structure (ft) - The cost of the earthmoving, earth placement, pipe backfill, and labor required for the installation of a side inlet drop structure.
Side Inlet Drainage Structure, 8.1ft.-10ft. fill	ft	Side Inlet Drainage Structure (ft) - The cost of the earthmoving, earth placement, pipe backfill, and labor required for the installation of a side inlet drop structure.
Side Inlet Drainage Structure, 10.1ft.-12ft. fill	ft	Side Inlet Drainage Structure (ft) - The cost of the earthmoving, earth placement, pipe backfill, and labor required for the installation of a side inlet drop structure.
Side Inlet Drainage Structure, 12.1ft.-14ft. fill	ft	Side Inlet Drainage Structure (ft) - The cost of the earthmoving, earth placement, pipe backfill, and labor required for the installation of a side inlet drop structure.
Side Inlet Drainage Structure, 14.1ft.-16ft. fill	ft	Side Inlet Drainage Structure (ft) - The cost of the earthmoving, earth placement, pipe backfill, and labor required for the installation of a side inlet drop structure.
Side Inlet Drainage Structure, 16.1ft.+ fill	ft	Side Inlet Drainage Structure (ft) - The cost of the earthmoving, earth placement, pipe backfill, and labor required for the installation of a side inlet drop structure.
Temporary Berm Removal	ft	Temporary Berm Removal (ft) - The cost of removing a temporary berm and spreading the soil over the adjacent area at an even grade that will allow the waterway or similar practice to function as designed.

List of Components and Definitions FY27

Terrace Broadbase nonparallel w/ closed outlet (UGO)	lin ft	Terrace (lin ft) - The cost of labor, site preparation, earthfill, excavation, and finishing and labor required to complete the practice. Payment is made by the length of constructed terrace, in feet (ft). Terrace cost payment does not include conduits, risers, appurtenances, trenching or backfilling for underground outlets and topsoiling.
Terrace Broadbase nonparallel w/ open outlet (waterway)	lin ft	Terrace (lin ft) - The cost of labor, site preparation, earthfill, excavation, and finishing and labor required to complete the practice. Payment is made by the length of constructed terrace, in feet (ft). Terrace cost payment does not include conduits, risers, appurtenances, trenching or backfilling for underground outlets and topsoiling.
Terrace Broadbase parallel w/ closed outlet (UGO)	lin ft	Terrace (lin ft) - The cost of labor, site preparation, earthfill, excavation, and finishing and labor required to complete the practice. Payment is made by the length of constructed terrace, in feet (ft). Terrace cost payment does not include conduits, risers, appurtenances, trenching or backfilling for underground outlets and topsoiling.
Terrace Broadbase parallel w/ open outlet (waterway)	lin ft	Terrace (lin ft) - The cost of labor, site preparation, earthfill, excavation, and finishing and labor required to complete the practice. Payment is made by the length of constructed terrace, in feet (ft). Terrace cost payment does not include conduits, risers, appurtenances, trenching or backfilling for underground outlets and topsoiling.
Terrace Narrowbase w/ closed outlet (UGO)	lin ft	Terrace (lin ft) - The cost of labor, site preparation, earthfill, excavation, and finishing and labor required to complete the practice. Payment is made by the length of constructed terrace, in feet (ft). Terrace cost payment does not include conduits, risers, appurtenances, trenching or backfilling for underground outlets and topsoiling.
Terrace Narrowbase w/ open outlet (waterway)	lin ft	Terrace (lin ft) - The cost of labor, site preparation, earthfill, excavation, and finishing and labor required to complete the practice. Payment is made by the length of constructed terrace, in feet (ft). Terrace cost payment does not include conduits, risers, appurtenances, trenching or backfilling for underground outlets and topsoiling.
Terrace Steep Backslope w/ closed outlet (UGO)	lin ft	Terrace (lin ft) - The cost of labor, site preparation, earthfill, excavation, and finishing and labor required to complete the practice. Payment is made by the length of constructed terrace, in feet (ft). Terrace cost payment does not include conduits, risers, appurtenances, trenching or backfilling for underground outlets and topsoiling.
Terrace Steep Backslope w/ open outlet (waterway)	lin ft	Terrace (lin ft) - The cost of labor, site preparation, earthfill, excavation, and finishing and labor required to complete the practice. Payment is made by the length of constructed terrace, in feet (ft). Terrace cost payment does not include conduits, risers, appurtenances, trenching or backfilling for underground outlets and topsoiling.
Top Soiling	lin ft	Topsoiling (lin ft) - The cost of salvaging, stockpiling and spreading of the topsoil within the limits of excavated channel and ridge footprint as required by the conservation practice standard.
Waterway	ac	Waterway (ac) - The cost of the earthfill, excavation, grading, shaping, topsoiling, and labor required to complete the practice. Cost also includes the installation of permanent and temporary berms and dikes required by the design. Pay limits are the design top width of the waterway multiplied

		by the length to the outlet end of the waterway as shown on the drawings. Payment is made by the area, in acres, of the constructed waterway.
Waterway (2)	cu yd	Waterway (2) (cu yd) - The cost of the earthfill, excavation, grading, shaping, topsoiling, and labor required to complete the practice. Cost also includes the installation of permanent and temporary berms and dikes required by the design. Measurement and pay limits are: a) upper limit is the original ground surface as it existed prior to the start of construction operations, b) lower limits are the specified neat lines as shown on the drawings within the design top width dimension. Payment is made by the cubic yard (CY) of excavation for the practice.
1-wire hi-tensile electric	ft	1 wire hi-tensile electric (ft) - The cost of all materials and labor required for the installation of a one wire hi-tensile permanent electric fence. Includes electric gates and underground cable. Does not include the cost of obtaining or accessing a power source.
Each Additional Wire OR Electric Offset Wire (hi-tensile)	ft	Each Additional Wire OR Electric Offset Wire (hi-tensile) (ft) - The cost for hi-tensile wire, insulators, offset brackets and labor required for additional fencing wire OR one-wire electric offset wire. The additional wire may only be used in cost share when the minimum extents require additional wire such as with calves, goats, sheep etc. Take this cost times the total additional feet of wire needed for the practice when figuring cost share.
Each Additional Wire (barbed)	ft	Each Additional Wire (barbed) (ft) - The cost for barbed wire, clips and labor required for additional fencing strand. This component may only be used in cost share when the minimum requirement requires additional wire such as with calves, goats, sheep etc. Take this cost times the total additional feet of wire needed for the practice when figuring cost share.
Woven Wire	ft	Woven Wire (ft) - The cost of all materials and labor required for the installation of a permanent woven wire fence in accordance with specifications (includes woven and additional wire). All materials includes metal gates.
Cattle Panel	ft	Cattle Panel (ft) - The cost of cattle panel, labor and posts needed to install.
Electric fence energizer 1-5 joules (AC powered)	ea	Electric fence energizer 1-5 joules (AC powered) (ea) - The cost for one AC powered energizer with an output of 1 to 5 joules.
Electric fence energizer 6-10 joules	ea	Electric fence energizer 6-10 joules (ea) - The cost for one energizer with an output of 6 to 10 joules.
Electric fence energizer 11+ joules	ea	Electric fence energizer 11+ joules (ea) - The cost for one energizer with an output of 11 or more joules.
Energizer Inst. & Acc. - AC powered	ea	Energizer installation and accessories -AC (ea) - Includes ground rods and clamps, lightning arrestor, lightning choke, induction loop (consisting of 30 ft. of insulated 12.5 guage wire), a surge protector, shut off switch and labor.
Energizer Inst. & Acc. - Solar Powered	ea	Energizer installation and accessories -Solar (ea) - The cost of ground rods and clamps, lightning arrestor, lightning choke, induction loop (consisting of 30 ft. of insulated 12.5 guage wire), 12V deep cycle battery, a solar panel, shut off switch and labor.
Electric fence energizer 1-5 joules (Solar Powered)	ea	Electric fence energizer 1-5 joules (Solar Powered) (ea) - The cost for one solar powered energizer with an output of 1-5 joules.

List of Components and Definitions FY27

4 strand barbed wire	ft	4-strand barbed wire (ft) - The cost of all materials and labor required for the installation of a permanent four strand barbed wire fence. All materials includes metal gates.
2-strand electric fence	ft	2-strand electric fence (ft)- The cost of all materials and labor required for the installation of 2-strand electric fence.
Bentonite	bag	Bentonite (bag) - The cost of one 50 lb. bag of bentonite. Use the price for the most commonly used/readily available type.
Gravel	ton	Gravel (ton) - The cost of one ton of 3" minus gravel delivered and placed. If practice design calls for medium filter material or medium drainfill, use Medium Filter material cost item in lieu of Gravel cost item.
Rock 3in. - 6in.	ton	Rock 3" to 6" (ton) - The cost of one ton of rock cobbles 3" to 6" in size delivered and placed.
Rip-rap > 6"	ton	Rip-rap > 6" (ton) - The cost of one ton of rock riprap greater than 6" in size delivered and placed.
Concrete (flat work)	cu yd	Concrete (flat work) (cu yd) - The cost of all materials, rebar, gravel, concrete, normal delivery, and labor required to form, place and finish one cubic yard of concrete flat work. Use for slabs-on-grade and similar non-structural flatwork.
Concrete (structural)	cu yd	Concrete (structural) (cu yd) - The cost of all materials, rebar, gravel, concrete, normal delivery, and labor required to form, place and finish one cubic yard of concrete structural work. Use for footings, foundations, walls, structural slabs (e.g. manure ramps and slabs over pits) and similar structural elements.
Off-site fill/borrow material	cu yd	Offsite borrow/fill material (cu yd) - The cost of off site soil, purchased and delivered, that will be used to create a berm, clay pad or fill in an area.
Geotextile Fabric Light	sq yd	Geotextile Fabric (sq yd) - The cost of geotextile fabric, shipping, labor and equipment costs associated with placing the material on site. Light is less than 14 oz. Heavy is equal to or greater than 14 oz.
Geotextile Fabric Heavy	sq yd	Geotextile Fabric (sq yd) - The cost of geotextile fabric, shipping, labor and equipment costs associated with placing the material on site. Light is less than 14 oz. Heavy is equal to or greater than 14 oz.
Trenching and Backfilling < 12" pipe or tubing	ft	Trenching and Backfilling < 12" (ft) - The cost of digging a trench in which to lay pipe less than 12" in diameter and backfilling over pipe.
Trenching and Backfilling > = 12" pipe or tubing	ft	Trenching and Backfilling > = 12" (ft) - The cost of digging a trench in which to lay pipe greater than or equal to 12" in diameter and backfilling over pipe.
Concrete (Vertical Drain Practice - 630)	cu yd	Concrete - Vertical Drain Practice (cu yd)- The cost of one cubic yard of ready-mix concrete. Cost includes normal delivery, equipment and labor required to place concrete. This component is to be used ONLY with the Vertical Drain practice (630). Concrete for all other practices should use Concrete (flatwork), Concrete (structural) or Concrete Pad cost components as appropriate.
Sprinkler Package (with drops, nozzles, & pressure regulators)	ft	Sprinkler package (with nozzles, drops & pressure regulators) (ft) - Includes the cost of all materials and labor to install nozzles, drops, and pressure regulators.
Sprinkler Package (with drops)	ft	Sprinkler package (with nozzles & drops) (ft) - Includes the cost of all materials and labor to install nozzles and drops.

List of Components and Definitions FY27

Sprinkler Package (without drops)	ft	Sprinkler package (without drops) (ft) - Includes the cost of all materials and labor to install nozzles.
Sprinkler Package (nozzles and pressure regulators)	ft	Sprinkler Package (nozzles and pressure regulators) (ft) - Includes the cost of all materials and labor to install nozzles and pressure regulators.
Surge Valve 8in.	ea	Surge Valve (ea) - Includes the cost of all materials to install one 8", 10" or 12" surge valve.
Surge Valve 10in.	ea	Surge Valve (ea) - Includes the cost of all materials to install one 8", 10" or 12" surge valve.
Surge Valve 12in.	ea	Surge Valve (ea) - Includes the cost of all materials to install one 8", 10" or 12" surge valve.
Underground Pipe System greater than 50 ft- 8 inch	ft	Underground Irrigation Pipeline System (ft) Includes the cost of all materials and labor including pipe, risers with shut-off valves, pump stands, air vents, pressure relief valves, thrust blocks and trenching necessary to install an underground pipe system. Price is calculated at each diameter and length specified.
Underground Pipe System greater than 50 ft- 10 in	ft	Underground Irrigation Pipeline System (ft) Includes the cost of all materials and labor including pipe, risers with shut-off valves, pump stands, air vents, pressure relief valves, thrust blocks and trenching necessary to install an underground pipe system. Price is calculated at each diameter and length specified.
Underground Pipe System greater than 50 ft- 12 in	ft	Underground Irrigation Pipeline System (ft) Includes the cost of all materials and labor including pipe, risers with shut-off valves, pump stands, air vents, pressure relief valves, thrust blocks and trenching necessary to install an underground pipe system. Price is calculated at each diameter and length specified.
Underground Pipe System greater than 50 ft- 15 in	ft	Underground Irrigation Pipeline System (ft) Includes the cost of all materials and labor including pipe, risers with shut-off valves, pump stands, air vents, pressure relief valves, thrust blocks and trenching necessary to install an underground pipe system. Price is calculated at each diameter and length specified.
Underground Pipe System less than or equal to 50 ft- 8 inch	ft	Underground Irrigation Pipeline System (ft) Includes the cost of all materials and labor including pipe, risers with shut-off valves, pump stands, air vents, pressure relief valves, thrust blocks and trenching necessary to install an underground pipe system. Price is calculated at each diameter and length specified.
Underground Pipe System less than or equal to 50 ft- 10 inch	ft	Underground Irrigation Pipeline System (ft) Includes the cost of all materials and labor including pipe, risers with shut-off valves, pump stands, air vents, pressure relief valves, thrust blocks and trenching necessary to install an underground pipe system. Price is calculated at each diameter and length specified.
Underground Pipe System less than or equal to 50 ft- 12 inch	ft	Underground Irrigation Pipeline System (ft) Includes the cost of all materials and labor including pipe, risers with shut-off valves, pump stands, air vents, pressure relief valves, thrust blocks and trenching necessary to install an underground pipe system. Price is calculated at each diameter and length specified.

List of Components and Definitions FY27

Underground Pipe System less than or equal to 50 ft- 15 inch	ft	Underground Irrigation Pipeline System (ft) Includes the cost of all materials and labor including pipe, risers with shut-off valves, pump stands, air vents, pressure relief valves, thrust blocks and trenching necessary to install an underground pipe system. Price is calculated at each diameter and length specified.
Smooth Steel 4in.	ft	Smooth Steel Pipe (ft) – The cost of smooth steel pipe per foot. Price includes delivery, placement and welding charges. Any fittings should also be included. Does not include cost of excavation, trenching or backfilling.
Smooth Steel 6in.	ft	Smooth Steel Pipe (ft) – The cost of smooth steel pipe per foot. Price includes delivery, placement and welding charges. Any fittings should also be included. Does not include cost of excavation, trenching or backfilling.
Smooth Steel 8in.	ft	Smooth Steel Pipe (ft) – The cost of smooth steel pipe per foot. Price includes delivery, placement and welding charges. Any fittings should also be included. Does not include cost of excavation, trenching or backfilling.
Smooth Steel 10in.	ft	Smooth Steel Pipe (ft) – The cost of smooth steel pipe per foot. Price includes delivery, placement and welding charges. Any fittings should also be included. Does not include cost of excavation, trenching or backfilling.
Smooth Steel 12in.	ft	Smooth Steel Pipe (ft) – The cost of smooth steel pipe per foot. Price includes delivery, placement and welding charges. Any fittings should also be included. Does not include cost of excavation, trenching or backfilling.
Smooth Steel 14in.	ft	Smooth Steel Pipe (ft) – The cost of smooth steel pipe per foot. Price includes delivery, placement and welding charges. Any fittings should also be included. Does not include cost of excavation, trenching or backfilling.
Smooth Steel 16in.	ft	Smooth Steel Pipe (ft) – The cost of smooth steel pipe per foot. Price includes delivery, placement and welding charges. Any fittings should also be included. Does not include cost of excavation, trenching or backfilling.
Smooth Steel 18in.	ft	Smooth Steel Pipe (ft) – The cost of smooth steel pipe per foot. Price includes delivery, placement and welding charges. Any fittings should also be included. Does not include cost of excavation, trenching or backfilling.
Smooth Steel 20in.	ft	Smooth Steel Pipe (ft) – The cost of smooth steel pipe per foot. Price includes delivery, placement and welding charges. Any fittings should also be included. Does not include cost of excavation, trenching or backfilling.
Smooth Steel 22in.	ft	Smooth Steel Pipe (ft) – The cost of smooth steel pipe per foot. Price includes delivery, placement and welding charges. Any fittings should also be included. Does not include cost of excavation, trenching or backfilling.
Smooth Steel 24in.	ft	Smooth Steel Pipe (ft) – The cost of smooth steel pipe per foot. Price includes delivery, placement and welding charges. Any fittings should also be included. Does not include cost of excavation, trenching or backfilling.
Smooth Steel 26in.	ft	Smooth Steel Pipe (ft) – The cost of smooth steel pipe per foot. Price includes delivery, placement and welding charges. Any fittings should also be included. Does not include cost of excavation, trenching or backfilling.
Smooth Steel 30in.	ft	Smooth Steel Pipe (ft) – The cost of smooth steel pipe per foot. Price includes delivery, placement and welding charges. Any fittings should also be included. Does not include cost of excavation, trenching or backfilling.
Smooth Steel 36in.	ft	Smooth Steel Pipe (ft) – The cost of smooth steel pipe per foot. Price includes delivery, placement and welding charges. Any fittings should also be included. Does not include cost of excavation, trenching or backfilling.

List of Components and Definitions FY27

Smooth Steel 42in.	ft	Smooth Steel Pipe (ft) – The cost of smooth steel pipe per foot. Price includes delivery, placement and welding charges. Any fittings should also be included. Does not include cost of excavation, trenching or backfilling.
Smooth Steel 48in.	ft	Smooth Steel Pipe (ft) – The cost of smooth steel pipe per foot. Price includes delivery, placement and welding charges. Any fittings should also be included. Does not include cost of excavation, trenching or backfilling.
PVC 3/4in.	ft	PVC Pipe (ft) – The cost of PVC pipe per foot delivered. All pipe must meet the minimums specified in the standards and specs. SDR and schedule is specified as a guide. Any equivalent pipe may be substituted. Price includes delivery charges, fittings, connectors, valves, and placement. Does not include cost of excavation, trenching or backfilling.
PVC 1in.	ft	PVC Pipe (ft) – The cost of PVC pipe per foot delivered. All pipe must meet the minimums specified in the standards and specs. SDR and schedule is specified as a guide. Any equivalent pipe may be substituted. Price includes delivery charges, fittings, connectors, valves and placement. Does not include cost of excavation, trenching or backfilling.
PVC 11/4in.	ft	PVC Pipe (ft) – The cost of PVC pipe per foot delivered. All pipe must meet the minimums specified in the standards and specs. SDR and schedule is specified as a guide. Any equivalent pipe may be substituted. Price includes delivery charges, fittings, connectors, valves and placement. Does not include cost of excavation, trenching or backfilling.
PVC 11/2in.	ft	PVC Pipe (ft) – The cost of PVC pipe per foot delivered. All pipe must meet the minimums specified in the standards and specs. SDR and schedule is specified as a guide. Any equivalent pipe may be substituted. Price includes delivery charges, fittings, connectors, valves and placement. Does not include cost of excavation, trenching or backfilling.
PVC 2in.	ft	PVC Pipe (ft) – The cost of PVC pipe per foot delivered. All pipe must meet the minimums specified in the standards and specs. SDR and schedule is specified as a guide. Any equivalent pipe may be substituted. Price includes delivery charges, fittings, connectors, valves and placement. Does not include cost of excavation, trenching or backfilling.
PVC 3in.	ft	PVC Pipe (ft) – The cost of PVC pipe per foot delivered. All pipe must meet the minimums specified in the standards and specs. SDR and schedule is specified as a guide. Any equivalent pipe may be substituted. Price includes delivery charges, fittings, connectors, valves and placement. Does not include cost of excavation, trenching or backfilling.
Schedule 40 PVC 4in.	ft	PVC Pipe (ft) – The cost of PVC pipe per foot delivered. All pipe must meet the minimums specified in the standards and specs. SDR and schedule is specified as a guide. Any equivalent pipe may be substituted. Price includes delivery charges, fittings, connectors, valves and placement. Does not include cost of excavation, trenching or backfilling.
Schedule 40 PVC 6in.	ft	PVC Pipe (ft) – The cost of PVC pipe per foot delivered. All pipe must meet the minimums specified in the standards and specs. SDR and schedule is specified as a guide. Any equivalent pipe may be substituted. Price includes delivery charges, fittings, connectors, valves and placement. Does not include cost of excavation, trenching or backfilling.
Schedule 40 PVC 8in.	ft	PVC Pipe (ft) – The cost of PVC pipe per foot delivered. All pipe must meet the minimums specified in the standards and specs. SDR and schedule is

		specified as a guide. Any equivalent pipe may be substituted. Price includes delivery charges, fittings, connectors, valved and placement. Does not include cost of excavation, trenching or backfilling.
Schedule 40 PVC 10in.	ft	PVC Pipe (ft) – The cost of PVC pipe per foot delivered. All pipe must meet the minimums specified in the standards and specs. SDR and schedule is specified as a guide. Any equivalent pipe may be substituted. Price includes delivery charges, fittings, connectors, valves and placement. Does not include cost of excavation, trenching or backfilling.
Schedule 40 PVC 12in.	ft	PVC Pipe (ft) – The cost of PVC pipe per foot delivered. All pipe must meet the minimums specified in the standards and specs. SDR and schedule is specified as a guide. Any equivalent pipe may be substituted. Price includes delivery charges, fittings, connectors, valves and placement. Does not include cost of excavation, trenching or backfilling.
SDR 21 PVC 6in.	ft	PVC Pipe (ft) – The cost of PVC pipe per foot delivered. All pipe must meet the minimums specified in the standards and specs. SDR and schedule is specified as a guide. Any equivalent pipe may be substituted. Price includes delivery charges, fittings, connectors, and placement. Does not include cost of excavation, trenching or backfilling.
SDR 21 PVC 8in.	ft	PVC Pipe (ft) – The cost of PVC pipe per foot delivered. All pipe must meet the minimums specified in the standards and specs. SDR and schedule is specified as a guide. Any equivalent pipe may be substituted. Price includes delivery charges, fittings, connectors, and placement. Does not include cost of excavation, trenching or backfilling.
SDR 21 PVC 10in.	ft	PVC Pipe (ft) – The cost of PVC pipe per foot delivered. All pipe must meet the minimums specified in the standards and specs. SDR and schedule is specified as a guide. Any equivalent pipe may be substituted. Price includes delivery charges, fittings, connectors, and placement. Does not include cost of excavation, trenching or backfilling.
SDR 26 PVC 4in.	ft	PVC Pipe (ft) – The cost of PVC pipe per foot delivered. All pipe must meet the minimums specified in the standards and specs. SDR and schedule is specified as a guide. Any equivalent pipe may be substituted. Price includes delivery charges, fittings, connectors, and placement. Does not include cost of excavation, trenching or backfilling.
SDR 26 PVC 6in.	ft	PVC Pipe (ft) – The cost of PVC pipe per foot delivered. All pipe must meet the minimums specified in the standards and specs. SDR and schedule is specified as a guide. Any equivalent pipe may be substituted. Price includes delivery charges, fittings, connectors, and placement. Does not include cost of excavation, trenching or backfilling.
SDR 26 PVC 8in.	ft	PVC Pipe (ft) – The cost of PVC pipe per foot delivered. All pipe must meet the minimums specified in the standards and specs. SDR and schedule is specified as a guide. Any equivalent pipe may be substituted. Price includes delivery charges, fittings, connectors, and placement. Does not include cost of excavation, trenching or backfilling.
SDR 26 PVC 10in.	ft	PVC Pipe (ft) – The cost of PVC pipe per foot delivered. All pipe must meet the minimums specified in the standards and specs. SDR and schedule is specified as a guide. Any equivalent pipe may be substituted. Price includes delivery charges, fittings, connectors, and placement. Does not include cost of excavation, trenching or backfilling.

List of Components and Definitions FY27

SDR 26 PVC 12in.	ft	PVC Pipe (ft) – The cost of PVC pipe per foot delivered. All pipe must meet the minimums specified in the standards and specs. SDR and schedule is specified as a guide. Any equivalent pipe may be substituted. Price includes delivery charges, fittings, connectors, and placement. Does not include cost of excavation, trenching or backfilling.
SDR 35 PVC 4in.	ft	PVC Pipe (ft) – The cost of PVC pipe per foot delivered. All pipe must meet the minimums specified in the standards and specs. SDR and schedule is specified as a guide. Any equivalent pipe may be substituted. Price includes delivery charges, fittings, connectors, and placement. Does not include cost of excavation, trenching or backfilling.
SDR 35 PVC 6in.	ft	PVC Pipe (ft) – The cost of PVC pipe per foot delivered. All pipe must meet the minimums specified in the standards and specs. SDR and schedule is specified as a guide. Any equivalent pipe may be substituted. Price includes delivery charges, fittings, connectors, and placement. Does not include cost of excavation, trenching or backfilling.
SDR 35 PVC 8in.	ft	PVC Pipe (ft) – The cost of PVC pipe per foot delivered. All pipe must meet the minimums specified in the standards and specs. SDR and schedule is specified as a guide. Any equivalent pipe may be substituted. Price includes delivery charges, fittings, connectors, and placement. Does not include cost of excavation, trenching or backfilling.
SDR 35 PVC 10in.	ft	PVC Pipe (ft) – The cost of PVC pipe per foot delivered. All pipe must meet the minimums specified in the standards and specs. SDR and schedule is specified as a guide. Any equivalent pipe may be substituted. Price includes delivery charges, fittings, connectors, and placement. Does not include cost of excavation, trenching or backfilling.
SDR 35 PVC 12in.	ft	PVC Pipe (ft) – The cost of PVC pipe per foot delivered. All pipe must meet the minimums specified in the standards and specs. SDR and schedule is specified as a guide. Any equivalent pipe may be substituted. Price includes delivery charges, fittings, connectors, and placement. Does not include cost of excavation, trenching or backfilling.
SDR 35 PVC 15in.	ft	PVC Pipe (ft) – The cost of PVC pipe per foot delivered. All pipe must meet the minimums specified in the standards and specs. SDR and schedule is specified as a guide. Any equivalent pipe may be substituted. Price includes delivery charges, fittings, connectors, and placement. Does not include cost of excavation, trenching or backfilling.
Smooth PE 3/4in.	ft	Smooth PE Pipe (ft) – The cost of smooth polyethylene pipe normally used for livestock water delivery. All pipe must meet the minimums specified in the standards and specs. Price includes delivery charges, fittings, connectors, valves and placement. Does not include cost of excavation, trenching or backfilling.
Smooth PE 1in.	ft	Smooth PE Pipe (ft) – The cost of smooth polyethylene pipe normally used for livestock water delivery. All pipe must meet the minimums specified in the standards and specs. Price includes delivery charges, fittings, connectors, valves and placement. Does not include cost of excavation, trenching or backfilling.
Smooth PE 11/4in.	ft	Smooth PE Pipe (ft) – The cost of smooth polyethylene pipe normally used for livestock water delivery. All pipe must meet the minimums specified in the standards and specs. Price includes delivery charges, fittings,

		connectors, valves and placement. Does not include cost of excavation, trenching or backfilling.
Smooth PE 11/2in.	ft	Smooth PE Pipe (ft) – The cost of smooth polyethylene pipe normally used for livestock water delivery. All pipe must meet the minimums specified in the standards and specs. Price includes delivery charges, fittings, connectors, valves and placement. Does not include cost of excavation, trenching or backfilling.
Smooth PE 2in.	ft	Smooth PE Pipe (ft) – The cost of smooth polyethylene pipe normally used for livestock water delivery. All pipe must meet the minimums specified in the standards and specs. Price includes delivery charges, fittings, connectors, valves and placement. Does not include cost of excavation, trenching or backfilling.
Smooth PE 3in.	ft	Smooth PE Pipe (ft) – The cost of smooth polyethylene pipe normally used for livestock water delivery. All pipe must meet the minimums specified in the standards and specs. Price includes delivery charges, fittings, connectors, valves and placement. Does not include cost of excavation, trenching or backfilling.
Smooth PE 4in.	ft	Smooth PE Pipe (ft) – The cost of smooth polyethylene pipe normally used for livestock water delivery. All pipe must meet the minimums specified in the standards and specs. Price includes delivery charges, fittings, connectors, valves and placement. Does not include cost of excavation, trenching or backfilling.
Corrugated PE 4in.	ft	Corrugated PE Pipe (ft) – The cost of corrugated polyethylene pipe per foot. Price includes delivery charges, fittings, connectors and placement. Does not include cost of excavation, trenching or backfilling.
Corrugated PE 5in.	ft	Corrugated PE Pipe (ft) – The cost of corrugated polyethylene pipe per foot. Price includes delivery charges, fittings, connectors and placement. Does not include cost of excavation, trenching or backfilling.
Corrugated PE 6in.	ft	Corrugated PE Pipe (ft) – The cost of corrugated polyethylene pipe per foot. Price includes delivery charges, fittings, connectors and placement. Does not include cost of excavation, trenching or backfilling.
Corrugated PE 8in.	ft	Corrugated PE Pipe (ft) – The cost of corrugated polyethylene pipe per foot. Price includes delivery charges, fittings, connectors and placement. Does not include cost of excavation, trenching or backfilling.
Corrugated PE 10in.	ft	Corrugated PE Pipe (ft) – The cost of corrugated polyethylene pipe per foot. Price includes delivery charges, fittings, connectors and placement. Does not include cost of excavation, trenching or backfilling.
Corrugated PE 12in.	ft	Corrugated PE Pipe (ft) – The cost of corrugated polyethylene pipe per foot. Price includes delivery charges, fittings, connectors and placement. Does not include cost of excavation, trenching or backfilling.
Corrugated PE 15in.	ft	Corrugated PE Pipe (ft) – The cost of corrugated polyethylene pipe per foot. Price includes delivery charges, fittings, connectors and placement. Does not include cost of excavation, trenching or backfilling.
Corrugated PE 18in.	ft	Corrugated PE Pipe (ft) – The cost of corrugated polyethylene pipe per foot. Price includes delivery charges, fittings, connectors and placement. Does not include cost of excavation, trenching or backfilling.
Corrugated Double Walled PE 4in.	ft	Corrugated Double Walled PE Pipe (ft) – The cost of corrugated polyethylene double wall pipe per foot. Price includes delivery charges,

		fittings, connectors and placement. Does not include cost of excavation, trenching or backfilling.
Corrugated Double Walled PE 5in.	ft	Corrugated Double Walled PE Pipe (ft) – The cost of corrugated polyethylene double wall pipe per foot. Price includes delivery charges, fittings, connectors and placement. Does not include cost of excavation, trenching or backfilling.
Corrugated Double Walled PE 6in.	ft	Corrugated Double Walled PE Pipe (ft) – The cost of corrugated polyethylene double wall pipe per foot. Price includes delivery charges, fittings, connectors and placement. Does not include cost of excavation, trenching or backfilling.
Corrugated Double Walled PE 8in.	ft	Corrugated Double Walled PE Pipe (ft) – The cost of corrugated polyethylene double wall pipe per foot. Price includes delivery charges, fittings, connectors and placement. Does not include cost of excavation, trenching or backfilling.
Corrugated Double Walled PE 10in.	ft	Corrugated Double Walled PE Pipe (ft) – The cost of corrugated polyethylene double wall pipe per foot. Price includes delivery charges, fittings, connectors and placement. Does not include cost of excavation, trenching or backfilling.
Corrugated Double Walled PE 12in.	ft	Corrugated Double Walled PE Pipe (ft) – The cost of corrugated polyethylene double wall pipe per foot. Price includes delivery charges, fittings, connectors and placement. Does not include cost of excavation, trenching or backfilling.
Corrugated Double Walled PE 15in.	ft	Corrugated Double Walled PE Pipe (ft) – The cost of corrugated polyethylene double wall pipe per foot. Price includes delivery charges, fittings, connectors and placement. Does not include cost of excavation, trenching or backfilling.
Corrugated Double Walled PE 18in.	ft	Corrugated Double Walled PE Pipe (ft) – The cost of corrugated polyethylene double wall pipe per foot. Price includes delivery charges, fittings, connectors and placement. Does not include cost of excavation, trenching or backfilling.
Corrugated Double Walled PE 24in.	ft	Corrugated Double Walled PE Pipe (ft) – The cost of corrugated polyethylene double wall pipe per foot. Price includes delivery charges, fittings, connectors and placement. Does not include cost of excavation, trenching or backfilling.
Perforated corrugated PE pipe 4in.	ft	Perforated Corrugated PE Pipe (ft) – The cost of perforated corrugated polyethylene pipe per foot. Price includes delivery charges, fittings, connectors and placement. Does not include cost of excavation, trenching or backfilling.
Perforated corrugated PE pipe 5in.	ft	Perforated Corrugated PE Pipe (ft) – The cost of perforated corrugated polyethylene pipe per foot. Price includes delivery charges, fittings, connectors and placement. Does not include cost of excavation, trenching or backfilling.
Perforated corrugated PE pipe 6in.	ft	Perforated Corrugated PE Pipe (ft) – The cost of perforated corrugated polyethylene pipe per foot. Price includes delivery charges, fittings, connectors and placement. Does not include cost of excavation, trenching or backfilling.
Perforated corrugated PE pipe 8in.	ft	Perforated Corrugated PE Pipe (ft) – The cost of perforated corrugated polyethylene pipe per foot. Price includes delivery charges, fittings,

		connectors and placement. Does not include cost of excavation, trenching or backfilling.
Perforated corrugated PE pipe 10in.	ft	Perforated Corrugated PE Pipe (ft) – The cost of perforated corrugated polyethylene pipe per foot. Price includes delivery charges, fittings, connectors and placement. Does not include cost of excavation, trenching or backfilling.
Perforated corrugated PE pipe 12in.	ft	Perforated Corrugated PE Pipe (ft) – The cost of perforated corrugated polyethylene pipe per foot. Price includes delivery charges, fittings, connectors and placement. Does not include cost of excavation, trenching or backfilling.
Perforated corrugated PE pipe 15in.	ft	Perforated Corrugated PE Pipe (ft) – The cost of perforated corrugated polyethylene pipe per foot. Price includes delivery charges, fittings, connectors and placement. Does not include cost of excavation, trenching or backfilling.
Animal Guard 4in.	ea	Animal Guards (ea) - The cost of all materials, shipping, and labor required to purchase and install one animal guard at the size specified. To be cost shared on separately only when not included in the cost of another component. Such as at the end of pond pipe. Not to be used with Horizontal Outlets.
Animal Guard 6in.	ea	Animal Guards (ea) - The cost of all materials, shipping, and labor required to purchase and install one animal guard at the size specified. To be cost shared on separately only when not included in the cost of another component. Such as at the end of pond pipe. Not to be used with Horizontal Outlets.
Animal Guard 8in.	ea	Animal Guards (ea) - The cost of all materials, shipping, and labor required to purchase and install one animal guard at the size specified. To be cost shared on separately only when not included in the cost of another component. Such as at the end of pond pipe. Not to be used with Horizontal Outlets.
Animal Guard 10in.	ea	Animal Guards (ea) - The cost of all materials, shipping, and labor required to purchase and install one animal guard at the size specified. To be cost shared on separately only when not included in the cost of another component. Such as at the end of pond pipe. Not to be used with Horizontal Outlets.
Animal Guard 12in.	ea	Animal Guards (ea) - The cost of all materials, shipping, and labor required to purchase and install one animal guard at the size specified. To be cost shared on separately only when not included in the cost of another component. Such as at the end of pond pipe. Not to be used with Horizontal Outlets.
Anti Seep Collar, plastic	sq ft	Anti seep collar plastic (sq ft) - The cost of all materials, shipping, and labor required to purchase and install one plastic anti seep collar.
Horizontal Outlet 4in.	ea	Horizontal Outlets (ea) - Is the price for ten feet of rigid pipe and all appurtenances (such as adapter and animal guard, basically from the end of the tile to the animal guard) and labor needed to attach the section to the rest of the tile system. This 10 foot section is used as a horizontal outlet in an underground outlet system. Use this component for each 10 foot section needed.

List of Components and Definitions FY27

Horizontal Outlet 5in.	ea	Horizontal Outlets (ea) - Is the price for ten feet of rigid pipe and all appurtenances (such as adapter and animal guard, basically from the end of the tile to the animal guard) and labor needed to attach the section to the rest of the tile system. This 10 foot section is used as a horizontal outlet in an underground outlet system. Use this component for each 10 foot section needed.
Horizontal Outlet 6in.	ea	Horizontal Outlets (ea) - Is the price for ten feet of rigid pipe and all appurtenances (such as adapter and animal guard, basically from the end of the tile to the animal guard) and labor needed to attach the section to the rest of the tile system. This 10 foot section is used as a horizontal outlet in an underground outlet system. Use this component for each 10 foot section needed.
Horizontal Outlet 8in.	ea	Horizontal Outlets (ea) - Is the price for ten feet of rigid pipe and all appurtenances (such as adapter and animal guard, basically from the end of the tile to the animal guard) and labor needed to attach the section to the rest of the tile system. This 10 foot section is used as a horizontal outlet in an underground outlet system. Use this component for each 10 foot section needed.
Horizontal Outlet 10in.	ea	Horizontal Outlets (ea) - Is the price for twelve feet of rigid pipe and all appurtenances (such as adapter and animal guard, basically from the end of the tile to the animal guard) and labor needed to attach the section to the rest of the tile system. This 12 foot section is used as a horizontal outlet in an underground outlet system. Use this component for each 12 foot section needed.
Horizontal Outlet 12in.	ea	Horizontal Outlets (ea) - Is the price for twelve feet of rigid pipe and all appurtenances (such as adapter and animal guard, basically from the end of the tile to the animal guard) and labor needed to attach the section to the rest of the tile system. This 12 foot section is used as a horizontal outlet in an underground outlet system. Use this component for each 12 foot section needed.
Horizontal Outlet 15in.	ea	Horizontal Outlets (ea) - Is the price for sixteen feet of rigid pipe and all appurtenances (such as adapter and animal guard, basically from the end of the tile to the animal guard) and labor needed to attach the section to the rest of the tile system. This 16 foot section is used as a horizontal outlet in an underground outlet system. Use this component for each 16 foot section needed.
Horizontal Outlet 18in.	ea	Horizontal Outlets (ea) - Is the price for sixteen feet of rigid pipe and all appurtenances (such as adapter and animal guard, basically from the end of the tile to the animal guard) and labor needed to attach the section to the rest of the tile system. This 16 foot section is used as a horizontal outlet in an underground outlet system. Use this component for each 16 foot section needed.
Plate Steel 3/16in. thick	sq ft	Plate Steel (sq ft) - Is the cost of one square foot of steel at the corresponding thickness delivered, placed and welded. Use for steel anti-seep collars, anti-vortex devices and base plates.
Plate Steel 1/4in. thick	sq ft	Plate Steel (sq ft) - Is the cost of one square foot of steel at the corresponding thickness delivered, placed and welded. Use for steel anti-seep collars, anti-vortex devices and base plates.

List of Components and Definitions FY27

Plate Steel 3/8in. thick	sq ft	Plate Steel (sq ft) - Is the cost of one square foot of steel at the corresponding thickness delivered, placed and welded. Use for steel anti-seep collars, anti-vortex devices and base plates.
Relief Well 6in.	ea	Relief well (ea) - The cost of the pipe, appurtenances, and labor needed to create a vertical outlet for an underground outlet system. Includes everything from the tile up (tee, reducer, pipe, trash guard etc).
Relief Well 8in.	ea	Relief well (ea) - The cost of the pipe, appurtenances, and labor needed to create a vertical outlet for an underground outlet system. Includes everything from the tile up (tee, reducer, pipe, trash guard etc).
Relief Well 10in.	ea	Relief well (ea) - The cost of the pipe, appurtenances, and labor needed to create a vertical outlet for an underground outlet system. Includes everything from the tile up (tee, reducer, pipe, trash guard etc).
Relief Well 12in.	ea	Relief well (ea) - The cost of the pipe, appurtenances, and labor needed to create a vertical outlet for an underground outlet system. Includes everything from the tile up (tee, reducer, pipe, trash guard etc).
Relief Well 15in.	ea	Relief well (ea) - The cost of the pipe, appurtenances, and labor needed to create a vertical outlet for an underground outlet system. Includes everything from the tile up (tee, reducer, pipe, trash guard etc).
Relief Well 18in.	ea	Relief well (ea) - The cost of the pipe, appurtenances, and labor needed to create a vertical outlet for an underground outlet system. Includes everything from the tile up (tee, reducer, pipe, trash guard etc).
Relief Well 24in.	ea	Relief well (ea) - The cost of the pipe, appurtenances, and labor needed to create a vertical outlet for an underground outlet system. Includes everything from the tile up (tee, reducer, pipe, trash guard etc).
riser 6in.	ea	Riser (ea) – Includes the cost of a riser (fabricated or prefabricated) that meets standards and specifications and labor. Include every thing from the tile up (tee, reducer, riser/pipe, trash guard etc).
riser 8in.	ea	Riser (ea) – Includes the cost of a riser (fabricated or prefabricated) that meets standards and specifications and labor. Include every thing from the tile up (tee, reducer, riser/pipe, trash guard etc).
riser 10in.	ea	Riser (ea) – Includes the cost of a riser (fabricated or prefabricated) that meets standards and specifications and labor. Include every thing from the tile up (tee, reducer, riser/pipe, trash guard etc).
riser 12in.	ea	Riser (ea) – Includes the cost of a riser (fabricated or prefabricated) that meets standards and specifications and labor. Include every thing from the tile up (tee, reducer, riser/pipe, trash guard etc).
riser 15in.	ea	Riser (ea) – Includes the cost of a riser (fabricated or prefabricated) that meets standards and specifications and labor. Include every thing from the tile up (tee, reducer, riser/pipe, trash guard etc).
riser 18in.	ea	Riser (ea) – Includes the cost of a riser (fabricated or prefabricated) that meets standards and specifications and labor. Include every thing from the tile up (tee, reducer, riser/pipe, trash guard etc).
riser 24in.	ea	Riser (ea) – Includes the cost of a riser (fabricated or prefabricated) that meets standards and specifications and labor. Include every thing from the tile up (tee, reducer, riser/pipe, trash guard etc).
Side Inlet Drainage Structure elbow, 12in.	ea	Side Inlet Drainage Structure elbow (ea) Includes the cost of cutting, welding and labor for the fabrication of a side inlet drop structure 45 degree elbow, and the attachment of the elbow to the pipe.

List of Components and Definitions FY27

Side Inlet Drainage Structure elbow, 14in.	ea	Side Inlet Drainage Structure elbow (ea) Includes the cost of cutting, welding and labor for the fabrication of a side inlet drop structure 45 degree elbow, and the attachment of the elbow to the pipe.
Side Inlet Drainage Structure elbow, 16in.	ea	Side Inlet Drainage Structure elbow (ea) Includes the cost of cutting, welding and labor for the fabrication of a side inlet drop structure 45 degree elbow, and the attachment of the elbow to the pipe.
Side Inlet Drainage Structure elbow, 18in.	ea	Side Inlet Drainage Structure elbow (ea) Includes the cost of cutting, welding and labor for the fabrication of a side inlet drop structure 45 degree elbow, and the attachment of the elbow to the pipe.
Side Inlet Drainage Structure elbow, 20in.	ea	Side Inlet Drainage Structure elbow (ea) Includes the cost of cutting, welding and labor for the fabrication of a side inlet drop structure 45 degree elbow, and the attachment of the elbow to the pipe.
Side Inlet Drainage Structure elbow, 22in.	ea	Side Inlet Drainage Structure elbow (ea) Includes the cost of cutting, welding and labor for the fabrication of a side inlet drop structure 45 degree elbow, and the attachment of the elbow to the pipe.
Side Inlet Drainage Structure elbow, 24in.	ea	Side Inlet Drainage Structure elbow (ea) Includes the cost of cutting, welding and labor for the fabrication of a side inlet drop structure 45 degree elbow, and the attachment of the elbow to the pipe.
Side Inlet Drainage Structure elbow, 26in.	ea	Side Inlet Drainage Structure elbow (ea) Includes the cost of cutting, welding and labor for the fabrication of a side inlet drop structure 45 degree elbow, and the attachment of the elbow to the pipe.
Side Inlet Drainage Structure elbow, 30in.	ea	Side Inlet Drainage Structure elbow (ea) Includes the cost of cutting, welding and labor for the fabrication of a side inlet drop structure 45 degree elbow, and the attachment of the elbow to the pipe.
Side Inlet Drainage Structure elbow, 36in.	ea	Side Inlet Drainage Structure elbow (ea) Includes the cost of cutting, welding and labor for the fabrication of a side inlet drop structure 45 degree elbow, and the attachment of the elbow to the pipe.
Side Inlet Drainage Structure elbow, 42in.	ea	Side Inlet Drainage Structure elbow (ea) Includes the cost of cutting, welding and labor for the fabrication of a side inlet drop structure 45 degree elbow, and the attachment of the elbow to the pipe.
Side Inlet Drainage Structure elbow, 48in.	ea	Side Inlet Drainage Structure elbow (ea) Includes the cost of cutting, welding and labor for the fabrication of a side inlet drop structure 45 degree elbow, and the attachment of the elbow to the pipe.
Trash Guard (Conical)	diam in	Trash Guard (Conical) (diam in) - The cost of a conical trash guard used on principle spillway pipes and labor to install. Unit is diameter inch of each guard.
Riser 20"	ea	Riser (ea) - Includes the cost of a riser (fabricated or prefabricated) that meets standards and specifications and labor. Includes everything from the tile up (tee, reducer, riser/pipe, trash guard, etc.)
Riser 22"	ea	Riser (ea) - Includes the cost of a riser (fabricated or prefabricated) that meets standards and specifications and labor. Includes everything from the tile up (tee, reducer, riser/pipe, trash guard, etc.)
Clearing Light	ac	Clearing Light (ac) - Includes the cost of all machinery and labor required to clear trees and shrubs from one acre where a conservation practice will built. Light when a single activity such as plowing, disking, light woody removal, or mowing is used.
Clearing Medium	ac	Clearing Medium (ac) - Includes the cost of all machinery and labor required to clear trees and shrubs from one acre where a conservation practice will

List of Components and Definitions FY27

		built. Medium when multiple activities such as plowing, disking, moderate woody removal, or mowing are used.
Weed Control for Shrubs	shrub	Weed control for Shrubs (shrub) - Includes the cost of using chemicals, machines or mulch to control weeds around shrubs after shrub planting.
Weed Control for Trees	tree	Weed control for Trees (tree) - Includes the cost of using chemicals, machines or mulch to control weeds around trees after tree planting.
Tree Site Preparation - Chemical	ac	For practices that site preparation is requierd for tree establishment only, not for seed preparation. Should not include entire acreage of practice, acreage equal to area of chemical application. (Site Prep Medium-Chemical)
Red Clover	lb	Seed (lb) - The cost of one pound bulk seed.
Alfalfa	lb	Seed (lb) - The cost of one pound bulk seed.
Common Lespedeza	lb	Seed (lb) - The cost of one pound bulk seed.
Orchardgrass	lb	Seed (lb) - The cost of one pound bulk seed.
Smooth Brome	lb	Seed (lb) - The cost of one pound bulk seed.
Tall Fescue	lb	Seed (lb) - The cost of one pound bulk seed.
Timothy	lb	Seed (lb) - The cost of one pound bulk seed.
Big Bluestem (PLS)	lb	Seed (lb) - The cost of one pound of pure live seed.
Indiangrass (PLS)	lb	Seed (lb) - The cost of one pound of pure live seed.
Little Bluestem (PLS)	lb	Seed (lb) - The cost of one pound of pure live seed.
Switchgrass (PLS)	lb	Seed (lb) - The cost of one pound of pure live seed.
Lime (ENM)	lb ENM	Lime (lb ENM) - The cost of lime for correction of pH for vegetative establishment. This will include the cost of lime per pound of Effective Neutralizing Material (ENM), delivered and placed.
Spreading Fertilizer	ac	Spreading (ac) - Includes the cost of all machinery and labor required to spread fertilizer. Cost should be calculated per trip over entire acre, not per item.
Mulch Anchor (netting)	sq yd	Mulch Anchor (netting) (sq yd) - Includes the cost of mulch anchor netting (484 Mulching), and the labor and equipment costs associated with placing and fixing the material to the site.
No-till Drill	ac	No-till Drill (ac) - The cost of using equipment to seed grasses or grains. Includes the cost of labor, fuel and no-till equipment.
Willow Staking	ft	Willow Staking (ft) - Includes all materials and labor required to stake live willows to a stream bank.
Rip-rap for Streambank Restoration	ton	Rip-rap for Streambank Restoration (ton) - The cost of one ton of rock rip-rap greater than 6" in size delivered and placed specifically for streambank restoration/stabilization. Delivery and placement is typically more expensive for this installation because a track hoe is often required and the location is often more remote.
Biodegradable Erosion Control Fabric	sq ft	Biodegradable Erosion Control Fabric (sq ft) - Mesh fabric made of coir, jute, or other natural fiber and used for erosion control during vegetative establishment or to create soil lifts.
On-site fill/borrow material for streambank restoration	ton	On-site fill/borrow material (ton)- The cost of on-site creek gravel excavation and placement specifically for streambank restoration/stabilization.
Cuttings	ea	Cuttings (ea) - The cost for cuttings used for tree plantings. Cost includes shipping.

List of Components and Definitions FY27

Conifers	tree	Conifers (tree) - Includes the cost of the bare root conifer seedlings from a state nursery.
Hand Planting Trees/Shrubs	tree	Hand Planting Trees/Shrubs (tree) - Includes the cost of labor to walk from point to point to place woody trees in the ground.
Hardwoods	tree	Hardwoods (tree) - Includes the cost of the bare root seedlings from a state nursery.
Machine Planting Trees/Shrubs	ea	Machine planting Trees/Shrubs (ea) - Includes the cost of labor and equipment to use mechanized machinery to move from point to point to place woody species in the ground.
Shrubs	shrub	Shrubs (shrub) - Includes the cost of the shrub seedling from a state nursery.
Incinerator	lb/charge	Incinerator (lb/charge) - The cost of an incinerator that meets standards and specifications. Cost is based on the capacity of the burn cycle (charge) of the incinerator. Size needed is based on the mortality rate of the operation.
Roofing	sq ft	Roofing (sq ft) - Includes the cost of all materials and labor required to construct a roof over a waste storage structure, or to exclude rainfall. Used for pre-engineered structures and custom designed structures.
Composting Facility	cu ft	Composting Facility (cu ft) - The cost of a composting facility that will be used for the biological stabilization of waste organic material or animal mortalities. The unit is cubic feet of volume that the facility will hold. This component is for the standard composter with concrete floor and concrete walls. Component does NOT include a roof (use Roofing component).
Waste Storage Facility - Poultry Stacking Pad	sq ft	Waste Storage Facility - Poultry Stacking Pad (sq ft) - The cost of a prepared floor and concrete wall that will be used to store poultry waste or organic material. Unit is square feet of the floor. Does NOT include the roof (use Roofing component).
Waste Storage Facility - Concrete Stacking Pad	sq ft	Waste Storage Facility - Concrete Stacking Pad (sq ft) - The cost of a concrete floor and concrete wall that will be used to store livestock waste or organic material. Unit is square feet of the floor. Does NOT include the roof (use Roofing component).
Freeze Proof Hydrant	ea	Freeze Proof Hydrant (ea) – The cost of all materials and labor required to install one freeze proof hydrant.
Quick Coupler Set	ea	Quick Coupler Set (ea) – The cost of all material and labor required to install one quick coupler riser and valve set. This is used in grazing systems to allow for cost effective water disbursement.
Pressure Tank	ea	Pressure Tank (ea) - The cost of a pressure tank with pressure switch and accessories. Also include placement and installation.
Waterline Valves	ea	Waterline Valves (ea) - Is the cost of valves needed on some waterlines such as Anti-siphon valves, shut off valves and pressure reducer valves. These valves are in addition to tank, coupler set, and typical pipeline components.
Solar Panel and Pump 100-300 watts	ea	Solar Panel and Pump (ea) - The cost of a solar panel and pump. Cost includes panel, pump, and labor and materials to install.
Solar Panel and Pump >=300 watts	ea	Solar Panel and Pump (ea) - The cost of a solar panel and pump. Cost includes panel, pump, and labor and materials to install.

List of Components and Definitions FY27

Submersible Pump < = 1 HP	ea	Submersible Pump < = 1 HP (ea) - Includes cost of the pump, all materials and labor required to install one submersible pump. Pipe outside the well casing is paid for as a separate component.
Jet Pump	ea	Jet Pump (ea) - The cost of the pump and all materials and labor required to install one jet pump. Pipe outside the well casing is paid for as a separate component.
Tank - Freeze Proof 2 hole	ea	Tank (ea) - The cost of the tank only.
Tank - Freeze Proof 4 hole	ea	Tank (ea) - The cost of the tank only.
Tank - Freeze Proof concrete less than 250 gallons	ea	Tank - Freeze Proof Concrete less than 250 gallons (ea) - The cost of the tank only.
Tank - open w/float	ea	Tank (ea) - The cost of the tank only.
Tank - portable w/float	ea	Tank (ea) - The cost of the tank only.
Tank - Tire	ea	Tank (ea) - The cost of the tank only.
Water Storage Tank/Spring Tank	gal	Water Storage Tank/Spring Tank (gal) - The cost of tanks that will be used to store water and/or water livestock as part of a grazing system or use exclusion, or spring development. Does not include any concrete or gravel for a pad. Pads are separate items. Do not include any connectors needed to connect to the pipeline system, those are included in the pipe cost. For freeze proof tanks (2-hole, 4-hole, concrete) or tire tank the cost of the earthwork, heat well, and installation of heat well are included in the cost if applicable based upon the type of tank.
Spring Collection Pipe (concrete) 18in. dia.	ft	Spring Collection Pipe (concrete) (ft) - The cost of all materials, labor and delivery required to install concrete pipe at specified diameters as part of a spring development.
Spring Collection Pipe (concrete) 24in. dia.	ft	Spring Collection Pipe (concrete) (ft) - The cost of all materials, labor and delivery required to install concrete pipe at specified diameters as part of a spring development.
Spring Collection Pipe Lid 18in.	ea	Spring Collection Pipe Lid (ea) - The cost of all materials, labor and delivery required to install a lid, at specified sizes, on the collection pipe.
Spring Collection Pipe Lid 24in.	ea	Spring Collection Pipe Lid (ea) - The cost of all materials, labor and delivery required to install a lid, at specified sizes, on the collection pipe.
Spring Collection Box	ea	Spring Collection Box (ea) - The cost of the box and all materials, labor and delivery required to install a concrete box for water collection as part of a spring development.
Spring Development	ea	Spring Development (ea) - The additional cost of excavation and labor for developing a spring for water collection that is not included in other necessary components for the development of the spring (such as the collection pipe and spring box). Costs such as backhoe work for excavation to locate the spring source in preparation for the development should be included in this component.
Pipeline Bore	ft	Pipeline Bore (ft) - The cost of the earthmoving and labor required to complete the practice under roads or through dams.
Submersible Pump > 1 HP	ea	Submersible Pump >1 HP (ea) - Includes cost of the pump, all materials and labor required to install one submersible pump. Pipe outside the well casing is paid for as a separate component.

List of Components and Definitions FY27

Water Well Casing-Plastic	ft	Water Well Casing- Plastic (ft) - The cost of one foot of casing that will be placed in a drilled well.
Water Well Drilling	ft	Water Well Drilling (ft) - The cost of drilling a water well. Deep Wells will be drilled to fit approximately 6 inch diameter casing.
Water Well Lining	ft	Water Well Lining (ft) - The cost of all materials and labor required to line/reline a well when required.
Water Well Misc.	ea	Water Well Misc. (ea) - The cost of all miscellaneous materials needed to complete the well drilling practice. Items include well cap, grout, seal. Does not include certification fee, wiring, pipe etc.
Well House	ea	Well House (ea) - The cost of a well house commonly used to provide shelter for pumps and accessories and labor to install.
Water Well Casing- Steel	ft	Water Well Casing-Steel (ft) - The cost of one foot of casing that will be placed in a drilled well.
Inline Water Control Structure 6" dia x 4' ht	ea	Inline Water Control Structures (ea) – The cost of all materials, shipping, equipment and labor to install one structure. Dimensions are by pipe diameter or weir length x structure height. Select the dimensions which are appropriate for the structure specified on the plans.
Inline Water Control Structure 6" dia x 5' ht	ea	Inline Water control structures (ea) – The cost of all materials, shipping, equipment and labor to install one structure. Dimensions are by pipe diameter or weir length x structure height. Select the dimensions which are appropriate for the structure specified on the plans.
Inline Water Control Structure 8" dia x 4' ht	ea	Inline Water control structures (ea) – The cost of all materials, shipping, equipment and labor to install one structure. Dimensions are by pipe diameter or weir length x structure height. Select the dimensions which are appropriate for the structure specified on the plans.
Inline Water Control Structure 8" dia x 5' ht	ea	Inline Water control structures (ea) – The cost of all materials, shipping, equipment and labor to install one structure. Dimensions are by pipe diameter or weir length x structure height. Select the dimensions which are appropriate for the structure specified on the plans.
Inline Water Control Structure 10" dia x 5' ht	ea	Inline Water control structures (ea) – The cost of all materials, shipping, equipment and labor to install one structure. Dimensions are by pipe diameter or weir length x structure height. Select the dimensions which are appropriate for the structure specified on the plans.
Weir Box 30in.w x 32in.d x 24in.h	ea	Weir boxes (ea) - The cost of all materials and labor required to install one weir box at each corresponding size. Also include shipping and installation.
Weir Box 30in.w x 32in.d x 30in.h	ea	Weir boxes (ea) - The cost of all materials and labor required to install one weir box at each corresponding size. Also include shipping and installation.
Weir Box 30in.w x 32in.d x 36in.h	ea	Weir boxes (ea) - The cost of all materials and labor required to install one weir box at each corresponding size. Also include shipping and installation.
Flap Gate -12 inch	ea	Flap gate (ea) - Average cost of flap gate, shipping, and installation. Only to be approved when local drainage district requires installation.
Flap Gate -16 inch	ea	Flap gate (ea) - Average cost of flap gate, shipping, and installation. Only to be approved when local drainage district requires installation.
Flap Gate -18 inch	ea	Flap gate (ea) - Average cost of flap gate, shipping, and installation. Only to be approved when local drainage district requires installation.
Flap Gate -20 inch	ea	Flap gate (ea) - Average cost of flap gate, shipping, and installation. Only to be approved when local drainage district requires installation.

List of Components and Definitions FY27

Flap Gate -24 inch	ea	Flap gate (ea) - Average cost of flap gate, shipping, and installation. Only to be approved when local drainage district requires installation.
Flap Gate 26"	ea	Flap Gate (ea)- Average cost of flap gate, shipping, and installation. Only to be approved when local drainage district requires installation. 7/22.
Flap Gate 30"	ea	Flap Gate (ea)- Average cost of flap gate, shipping, and installation. Only to be approved when local drainage district requires installation. 7/22.
Flap Gate 36"	ea	Flap Gate (ea)- Average cost of flap gate, shipping, and installation. Only to be approved when local drainage district requires installation. 7/22.
Flap Gate 42"	ea	Flap Gate (ea)- Average cost of flap gate, shipping, and installation. Only to be approved when local drainage district requires installation. 7/22.
Flap Gate 48"	ea	Flap Gate (ea)- Average cost of flap gate, shipping, and installation. Only to be approved when local drainage district requires installation. 7/22.
Flap Gate 22"	ea	Flap Gate (ea)- Average cost of flap gate, shipping, and installation. Only to be approved when local drainage district requires installation. 7/22.
Concrete Grade Stabilization Structure	cu yd	Concrete Grade Stabilization Structure (cu yd) - The cost of excavation, earthfill, reinforcing steel, concrete, drain fill, and rip rap. Any seeding required should be separate. The cost is calculated based on cubic yards of concrete required.
Soil Test	ea	Soil Test (ea) - The cost of having soil samples tested for pH and nutrient content.
Straw Bale	ea	Straw Bale (ea) - The cost of one bale of straw used as a straw bale sediment trap in waterways or similar practices.
Silt Fence	lin ft	Silt Fence (lin ft) - The cost of materials and labor for the installation of a silt fence to be used for temporary erosion control in cases such as during vegetative establishment for grassed waterways.
Drainage Water Management	ac	Drainage Water Management - cost of main and lateral line materials and installation.