United States Department of Agriculture

Natural Resources Conservation Service
210 Walnut Street, Room 693
Des Moines, IA 50309-2180

April 23, 2009

NATIONAL CONTRACTS, GRANTS, AND COOPERATIVE AGREEMENTS MANUAL
120 – V – AMENDMENT IA51

SUBJECT: ADS – PROJECT AGREEMENT FOR AVERAGE COST FOR LITTLE SIOUX FLOOD PREVENTION (LSFP)

Purpose. To transmit the 2009 Average Cost List for use on Average Cost Contracts with landowners in the LSFP project area.

Effective Date. Upon receipt.

Filing Instructions.

Remove Pages	Dated	Insert Pages	Dated
IA514 (1-11)	March 2008	IA514 (1-11)	April 2009

/s/ Richard Sims
State Conservationist

Attachment

CGCAM

Part 514 – Project Agreements

Subpart C – Preparation of Project Agreements

IA514.28 APPROVED AVERAGE COSTS

(a) PRACTICE AND/OR COMPONENTS: Buena Vista, Cherokee, Ida, Monona, O'Brien, Plymouth, Sac, and Woodbury Counties.

Practice and/or Components	Buena Vista	Cherokee	Ida	Monona	O'Brien	Plymouth	Sac	Woodbury
(1) Per lineal foot of broadbase terrace with frontslope of 20 feet or less, excluding any cost of tile and/or intakes and/or outlets.	$2.00	$2.75 <30	$1.50 <25'	$1.74	------	$1.80	------	$1.10
(2) Per lineal foot of broadbase terrace with frontslope greater than 20 feet, excluding any cost of tile and/or intakes and/or outlets.	$2.25	$3.00 ≥30	$2.00 ≥25'	$2.39	$2.60	$1.80	------	$1.31
(3) Per lineal foot of grassed backslope terrace with frontslope of 15 to 19 feet, excluding any cost of tile and/or intakes and/or outlets.	$2.80	$1.40	$1.50	$2.39	------	$1.50	$2.80	$1.30
(4) Per lineal foot of grassed backslope terrace with frontslope of 20 to 25 feet, excluding any cost of tile and/or intakes and/or outlets.	$2.80	$3.75 <30	$2.00	$2.77	------	$1.50	$2.80	$1.30
(5) Per lineal foot of grassed backslope terrace with frontslope greater than 25 feet, excluding any cost of tile and/or intakes and/or outlets.	$2.80	$4.00 ≥30	$2.50	$3.17	$2.80	$1.50	$2.80	$1.30
(6) Per lineal foot of narrow base terrace on field slopes of less than 14%, excluding any cost of tile and/or intakes and/or outlets.	$1.75	$1.60	$1.75	$2.14	$1.64	$1.25	$1.90	$1.40
(7) Per lineal foot of narrow base terrace on field slopes of 14% or greater, excluding any cost of tile and/or intakes and/or outlets.	$1.75	$1.75	$2.25	$2.39	------	$1.25	$1.90	$2.00
(8) Per lineal foot of basin terrace.	------	------	------	$2.39	------	$1.75	------	$2.00

Practice and/or Components	Buena Vista	Cherokee	Ida	Monona	O'Brien	Plymouth	Sac	Woodbury
(9) Per cubic yard of earthfill for water and sediment control basin.	$1.70	$1.65	$1.50	$1.65	$1.40	$1.05	$1.95	$1.35
(10) Per intake (intake includes perforated riser, elbow or tee, 8 lineal feet of watertight conduit, and anti-seep diaphragm).	------	------	$225.00	$225.00	$240.00	$230.00	------	6"- $305.00 8"- $350.00
(11) Per intake (intake includes perforated riser, elbow or tee, and 8 lineal feet of watertight conduit).	$165.00	6"- $235.00 8"- $335.00 10"- $385.00 12"- $440.00 Blind Inlet= $235.00	$220.00	$200.00	$210.00	$215.00	$170.00	$150.00
(12) Per lineal foot of 4" diam. perforated PVC pipe, installed.	------	------	------	------	------	------	------	$1.50
(13) Per lineal foot of 4" diam. drain tile.	------	------	------	------	------	------	------	$1.15
(14) Per lineal foot of 5" diam. drain tile.	$1.70	$1.90	$1.80	$1.40	$1.60	$1.55	$1.90	$1.75
(15) Per lineal foot of 6" diam. drain tile.	$2.00	$2.15	$2.00	$1.60	$1.86	$1.90	$2.00	$1.95
(16) Per linear foot of 8" diam. drain tile.	$2.60	$2.85	$2.60	$2.25	$2.69	$2.20	$2.80	$2.70
(17) Per lineal foot of 10" diam. drain tile.	$3.80	$5.50	------	$3.40	$4.15	$3.00	$3.90	$2.70
(18) Per lineal foot of 12" diam. drain tile.	$4.90	$6.25	------	------	$4.40	$4.00	$4.90	$3.10
(19) Per lineal foot of 15" diam. drain tile.	$9.00	$10.00	------	-----	------	$9.00	$9.00	------
(20) Per lineal foot of 6" diam. corrugated metal pipe outlet.	$8.50	$10.50	$6.90	$7.75	$6.40	$7.00	$4.80	$7.80
(21) Per lineal foot of 8" diam. corrugated metal pipe outlet.	$11.00	$11.65	$7.50	$9.20	$9.48	$8.00	$6.25	$10.50
(22) Per lineal foot of 10" diam. corrugated metal pipe outlet.	$9.50	$15.40	$10.00	$11.80	$16.67	$10.00	$7.75	$10.00
(23) Per lineal foot of 12" diam. corrugated metal pipe outlet.	$16.90	$17.25	$12.00	$16.40	$13.00	$12.00	$8.55	$12.00
(24) Per lineal foot of 15" diam. corrugated metal pipe outlet.	$13.00	------	$14.00	$19.40	$15.00	$14.00	$13.70	$14.00

Practice and/or Components	Buena Vista	Cherokee	Ida	Monona	O'Brien	Plymouth	Sac	Woodbury
(25) Per lineal foot of 18" diam. corrugated metal pipe outlet.	$16.00	$23.50	$16.00	$22.40	------	$16.00	$15.00	$21.00
(26) Per lineal foot of principal spillway pipe, 6" diam., 16 gauge, helical corrugations, with flange connections. Principal spillway pipe includes anti-seep collars.	$18.00	$18.00	$18.00	$18.00	$18.00	$18.00	$18.00	$18.00
(27) Per lineal foot of principal spillway pipe, 8" diam., 16 gauge, helical corrugations, with flange connections. Principal spillway pipe includes anti-seep collars.	$20.00	$20.00	$20.00	$20.00	$20.00	$20.00	$20.00	$20.00
(28) Per lineal foot of principal spillway pipe, 10" diam., 16 gauge, helical corrugations, with flange connections. Principal spillway pipe includes anti-seep collars.	$23.00	$23.00	$23.00	$23.00	$23.00	$23.00	$23.00	$23.00
(29) Per lineal foot of principal spillway pipe, 12" diam., 16 gauge 2 2/3" x 1/2" annular corrugations with caulked seams and hugger band. Principal spillway includes slotted flume outlets and anti-seep collars.	$29.00	$29.00	$29.00	$29.00	$29.00	$29.00	$29.00	$29.00
(30) Per lineal foot of principal spillway pipe, 15" diam., 16 gauge, 2 2/3" x 1/2" annular corrugations with caulked seams or helical welded seams with recorrugated ends and 24" watertight connecting bands. Principal spillway pipe includes slotted flume outlets and anti-seep collars.	$31.00	$31.00	$31.00	$31.00	$31.00	$31.00	$31.00	$31.00
(31) Per lineal foot of principal spillway pipe, 18" diam., 16 gauge, 2 2/3" x 1/2" annular corrugations with caulked seams or helical welded seams with recorrugated ends and 24" watertight connecting bands. Principal spillway pipe includes slotted flume outlets and anti-seep collars.	$34.00	$34.00	$34.00	$34.00	$34.00	$34.00	$34.00	$34.00

Practice and/or Components	Buena Vista	Cherokee	Ida	Monona	O'Brien	Plymouth	Sac	Woodbury
(32) Per lineal foot of principal spillway pipe, 21" diam., 16 gauge, 2 2/3" x 1/2" annular corrugations with caulked seams or helical welded seams with recorrugated ends and 24" watertight connecting bands. Principal spillway pipe includes slotted flume outlets and anti-seep collars.	$38.00	$38.00	$38.00	$38.00	$38.00	$38.00	$38.00	$38.00
(33) Per lineal foot of principal spillway pipe, 24" diam., 16 gauge, 2 2/3" x 1/2" annular corrugations with caulked seams or helical welded seams with recorrugated ends and 24" watertight connecting bands. Principal spillway pipe includes slotted flume outlets and anti-seep collars.	$43.00	$43.00	$43.00	$43.00	$43.00	$43.00	$43.00	$43.00
(34) Per lineal foot of principal spillway pipe, 30" diam., 16 gauge, 2 2/3" x 1/2" annular corrugations with caulked seams or helical welded seams with recorrugated ends and 24" watertight connecting bands. Principal spillway pipe includes slotted flume outlets.	$58.00	$58.00	$58.00	$58.00	$58.00	$58.00	$58.00	$58.00
(35) Per lineal foot of principal spillway pipe, 36" diam., 16 gauge, annular 3" x 1" corrugations with caulked seams and 24" watertight bands and anti-seep collars. Principal spillway pipe includes slotted flume outlets.	$91.00	$91.00	$91.00	$91.00	$91.00	$91.00	$91.00	$91.00
(36) Per lineal foot of principal spillway pipe, 42" diam., 16 gauge, annular 3" x 1" corrugations with caulked seams and 24" watertight bands and anti-seep collars. Principal spillway pipe includes slotted flume outlets.	$101.00	$101.00	$101.00	$101.00	$101.00	$101.00	$101.00	$101.00

Practice and/or Components	Buena Vista	Cherokee	Ida	Monona	O'Brien	Plymouth	Sac	Woodbury
(37) Per lineal foot of principal spillway pipe, 48" diam., 16 gauge, annular 3" x 1" corrugations with caulked seams and 24" watertight bands and anti-seep collars. Principal spillway pipe includes slotted flume outlets.	$113.00	$113.00	$113.00	$113.00	$113.00	$113.00	$113.00	$113.00
(38) Per lineal foot of principal spillway pipe, 54" diam., 16 gauge, annular 3" x 1" corrugations with caulked seams and 24" watertight bands and anti-seep collars.	$145.00	$145.00	$145.00	$145.00	$145.00	$145.00	$145.00	$145.00
(39) Per lineal foot of principal spillway pipe, 60" diam., 14 gauge, annular 3" x 1" corrugations with caulked seams and 24" watertight bands and anti-seep collars.	$162.00	$162.00	$162.00	$162.00	$162.00	$162.00	$162.00	$162.00
(40) Per lineal foot of principal spillway pipe, 66" diam., 14 gauge, annular 3" x 1" corrugations with caulked seams and 24" watertight bands and anti-seep collars.	$178.00	$178.00	$178.00	$178.00	$178.00	$178.00	$178.00	$178.00
(41) Per lineal foot of principal spillway pipe, 72" diam., 14 gauge, annular 3" x 1" corrugations with caulked seams and 24" watertight bands and anti-seep collars.	$194.00	$194.00	$194.00	$194.00	$194.00	$194.00	$194.00	$194.00
(42) Vertical Inlet Assembly, 12" diam., slotted riser, 8 feet long, with 8" diam. stub, 16 gauge, 2-2/3" x 1/2" annular corrugations, with flange connections and rod type trash guard.	$438.00	$438.00	$438.00	$438.00	$438.00	$438.00	$438.00	$438.00
(43) Vertical Inlet Assembly, 15" diam., 16 gauge, 2-2/3" x 1/2" annular corrugations, with stub, anti-swirl device, and concrete base.	$688.00	$688.00	$688.00	$688.00	$688.00	$688.00	$688.00	$688.00

Practice and/or Components	Buena Vista	Cherokee	Ida	Monona	O'Brien	Plymouth	Sac	Woodbury
(44) Vertical Inlet Assembly, 30" diam., 14 gauge, 2-2/3" x 1/2" annular corrugations, with stub, anti-swirl device, and concrete base.	$2,125.00	$2,125.00	$2,125.00	$2,125.00	$2,125.00	$2,125.00	$2,125.00	$2,125.00
(45) Vertical Inlet Assembly, 36" diam., 14 gauge, 2-2/3" x 1/2" annular corrugations, with stub, anti-swirl device, and concrete base.	$2,438.00	$2,438.00	$2,438.00	$2,438.00	$2,438.00	$2,438.00	$2,438.00	$2,438.00
(46) Vertical Inlet Assembly, 42" diam., 12 gauge, 2-2/3" x 1/2" annular corrugations, with stub, anti-swirl device, and concrete base.	$2,750.00	$2,750.00	$2,750.00	$2,750.00	$2,750.00	$2,750.00	$2,750.00	$2,750.00
(47) Vertical Inlet Assembly, 48" diam., 16 gauge, 3" x 1" annular corrugations, with stub, anti-swirl device, and concrete base.	$3,000.00	$3,000.00	$3,000.00	$3,000.00	$3,000.00	$3,000.00	$3,000.00	$3,000.00
(48) Vertical Inlet Assembly, 54" diam., 16 gauge, 3" x 1" annular corrugations, with stub, anti-swirl device, and concrete base.	$4,000.00	$4,000.00	$4,000.00	$4,000.00	$4,000.00	$4,000.00	$4,000.00	$4,000.00
(49) Vertical Inlet Assembly, 60" diam., 14 gauge, 3" x 1" annular corrugations, with stub, anti-swirl device, and concrete base.	$4,125.00	$4,125.00	$4,125.00	$4,125.00	$4,125.00	$4,125.00	$4,125.00	$4,125.00
(50) Vertical Inlet Assembly, 66" diam., 14 gauge, 3" x 1" annular corrugations, with stub, anti-swirl device, and concrete base.	$4,688.00	$4,688.00	$4,688.00	$4,688.00	$4,688.00	$4,688.00	$4,688.00	$4,688.00
(51) Vertical Inlet Assembly, 72" diam., 14 gauge, 3" x 1" annular corrugations, with stub, anti-swirl device, and concrete base.	$5,125.00	$5,125.00	$5,125.00	$5,125.00	$5,125.00	$5,125.00	$5,125.00	$5,125.00
(52) Vertical Inlet Assembly, 84" diam., 10 gauge, 3" x 1" annular corrugations, with stub, anti-swirl device, and concrete base.	$5,625.00	$5,625.00	$5,625.00	$5,625.00	$5,625.00	$5,625.00	$5,625.00	$5,625.00
(53) Vertical Inlet Assembly, 96" diam., 10 gauge, 3" x 1" annular corrugations, with stub, anti-swirl device, and concrete base.	$6,350.00	$6,350.00	$6,350.00	$6,350.00	$6,350.00	$6,350.00	$6,350.00	$6,350.00

Practice and/or Components	Buena Vista	Cherokee	Ida	Monona	O'Brien	Plymouth	Sac	Woodbury
(54) Trash Rack Assembly, 36" diam. and smaller diam. principal spillway pipe.	$1,350.00	$1,350.00	$1,350.00	$1,350.00	$1,350.00	$1,350.00	$1,350.00	$1,350.00
(55) Trash Rack Assembly, 42", 48", 54" & 60" diam. principal spillway pipe.	$1,500.00	$1,500.00	$1,500.00	$1,500.00	$1,500.00	$1,500.00	$1,500.00	$1,500.00
(56) Trash Rack Assembly, 66", 72", 84" & 96" diam. principal spillway pipe.	$1,875.00	$1,875.00	$1,875.00	$1,875.00	$1,875.00	$1,875.00	$1,875.00	$1,875.00
(57) Timber Outlet Support, 10", 12" & 15" diam. principal spillway pipe.	$915.00	$915.00	$915.00	$915.00	$915.00	$915.00	$915.00	$915.00
(58) Timber Outlet Support, 18", 21", 24" & 30" diam. principal spillway pipe.	$945.00	$945.00	$945.00	$945.00	$945.00	$945.00	$945.00	$945.00
(59) Timber Outlet Support, 36" diam. and larger principal spillway pipe.	$1,744.00	$1,744.00	$1,744.00	$1,744.00	$1,744.00	$1,744.00	$1,744.00	$1,744.00
(60) Per cubic yard of earthwork. Earthwork quantities will include the total of embankment fill, core trench backfill, and stripping excavation backfill.	$1.50	$1.65	$1.30	$1.25	$1.40	$1.20	$1.20	$1.20
(61) Per cubic yard of excavation. Excavation quantities will include outlet channel excavation and core trench excavation.	$2.00	$1.85	$1.85	$1.85	$2.00	$1.85	$1.85	$1.85
(62) Per acre of clearing and grubbing measured to the nearest 0.1 acre.	$1,025.00	$1,025.00	$1,025.00	$1,025.00	$1,025.00	$1,025.00	$1,025.00	$1,025.00
(63) Per acre of seeding and mulching measured to the nearest 0.1 acre.	$579.00	$579.00	$579.00	$579.00	$579.00	$579.00	$579.00	$579.00
(64) Per acre of seeding between July 1 and September 1. Seeding utilizes a nurse crop with 3 lbs. per acre of perennial rye grass. Measurement is to the nearest 0.1 acre.	$280.00	$280.00	$280.00	$280.00	$280.00	$280.00	$280.00	$280.00

Practice and/or Components	Buena Vista	Cherokee	Ida	Monona	O'Brien	Plymouth	Sac	Woodbury
(65) Per lineal foot of fencing, 4 strand barbed wire, installed.	$1.90	$1.90	$1.90	$1.90	$1.90	$1.90	$1.90	$1.90
(66) Per lineal foot of fencing, 5 strand barbed wire, installed.	$2.15	$2.15	$2.15	$2.15	$2.15	$2.15	$2.15	$2.15
(67) Per lineal foot of fencing, 5 strand high tensile wire, installed.	$1.20	$1.20	$1.20	$1.20	$1.20	$1.20	$1.20	$1.20
(68) 3' Aluminum Drop Spillway, 8.0 foot width, weir length of 17.4 feet, including shipping, installation, earthwork, concrete, drainfill, riprap and required appurtenances.	$5,863.00	$5,863.00	$5,863.00	$5,863.00	$5,863.00	$5,863.00	$5,863.00	$5,863.00
(69) 4' Aluminum Drop Spillway, 7.0 foot width, weir length of 14.2 feet, including shipping, installation, earthwork, concrete, drainfill, riprap and required appurtenances.	$7,372.00	$7,372.00	$7,372.00	$7,372.00	$7,372.00	$7,372.00	$7,372.00	$7,372.00
(70) 4' Aluminum Drop Spillway, 7.0 foot width, weir length of 15.8 feet, including shipping, installation, earthwork, concrete, drainfill, riprap and required appurtenances.	$7,529.00	$7,529.00	$7,529.00	$7,529.00	$7,529.00	$7,529.00	$7,529.00	$7,529.00
(71) 4' Aluminum Drop Spillway, 16.0 foot width, weir length of 35.0 feet, including shipping, installation, earthwork, concrete, drainfill, riprap and required appurtenances.	$9,579.00	$9,579.00	$9,579.00	$9,579.00	$9,579.00	$9,579.00	$9,579.00	$9,579.00
(72) Per cubic yard of reinforced concrete. Reinforced concrete includes site preparation, form material, placing and tying reinforcing steel, setting forms, placing concrete, removal of forms, and finishing concrete surfaces.	$400.00	$400.00	$400.00	$400.00	$400.00	$400.00	$400.00	$400.00

Practice and/or Components	Buena Vista	Cherokee	Ida	Monona	O'Brien	Plymouth	Sac	Woodbury
(73) Per cubic yard of grout, installed.	$150.00	$150.00	$150.00	$150.00	$150.00	$150.00	$150.00	$150.00
(74) Per cubic yard of fine drain fill measured to the nearest cubic yard.	$30.00	$30.00	$30.00	$30.00	$30.00	$30.00	$30.00	$30.00
(75) Per cubic yard of coarse drain fill measured to the nearest cubic yard.	$36.00	$36.00	$36.00	$36.00	$36.00	$36.00	$36.00	$36.00
(76) Rock Fence Barrier, 16 cubic yard of riprap, installed.	$830.00	$830.00	$830.00	$830.00	$830.00	$830.00	$830.00	$830.00
(77) Per cubic yard for rock filled gabion baskets, installed.	$134.00	$134.00	$134.00	$134.00	$134.00	$134.00	$134.00	$134.00
(78) Per cubic yard of riprap, installed. Quantities include riprap for vertical inlets, stilling basins, embankment protection, chute spillways, and drain outlets.	$50.00	$50.00	$50.00	$50.00	$50.00	$50.00	$50.00	$50.00
(79) Per square yard of geotextile, installed.	$2.00	$2.00	$2.00	$2.00	$2.00	$2.00	$2.00	$2.00
(80) Sheet Pile, installed, per square foot.	$19.00	$19.00	$19.00	$19.00	$19.00	$19.00	$19.00	$19.00
(81) Sheet Pile Walers, installed, per lineal foot.	$38.00	$38.00	$38.00	$38.00	$38.00	$38.00	$38.00	$38.00
(82) Cathodic protection, per system, installed.	$1,400.00	$1,400.00	$1,400.00	$1,400.00	$1,400.00	$1,400.00	$1,400.00	$1,400.00
(83) Per lineal foot of lateral intake, 5" diam. perforated PE pipe.	----	$9.50	----	----	$8.50	----	----	----
(84) Per relief well, CMP, 6" diam.	----	$225.00	----	----	----	----	----	----
(85) Per relief well, CMP, 8" diam.	----	$325.00	----	----	----	----	----	----
(86) Per relief well, CMP, 10" diam.	----	$375.00	----	----	----	----	----	----
(87) Per relief well, CMP, 12" diam.	----	$430.00	----	----	----	----	----	----
(88) Per relief well, CMP, 15" diam.	----	$530.00	----	----	----	----	----	----
(89) Per lineal foot of diversion.	----	----	----	----	$1.40	----	----	----
(90) Per lineal foot for rebuilding terraces.	$1.00	$1.25	$1.00	----	----	----	$1.00	$1.00

Practice and/or Components	Buena Vista	Cherokee	Ida	Monona	O'Brien	Plymouth	Sac	Woodbury
(91) Tile Hookup per Junction, 5".	$32.50	$50.00	----	----	$40.00	$40.00	----	----
(92) Tile Hookup per Junction, 6".	$50.00	$50.00	----	----	$40.00	$40.00	----	----
(93) Tile Hookup per Junction, 8".	----	$60.00	----	----	$50.00	$50.00	----	----
(94) Tile Hookup per Junction, 10".	----	$90.00	----	----	$75.00	$75.00	----	----
(95) Tile Hookup per Junction, 12".	----	$90.00	----	----	$75.00	$75.00	----	----

(g) Approved Average Costs for Land Grazing Contracts – Buena Vista, Cherokee, Ida, Monona, O'Brien, Plymouth, Sac, and Woodbury Counties

(1) $0.50 per lineal foot of single polywire fence installed.
(2) $0.51 per lineal foot of single wire high tensile fence installed.
(3) $0.67 per lineal foot of 2 strand high tensile wire fence installed.
(4) $0.74 per lineal foot of 3 strand high tensile wire fence installed.
(5) $0.92 per lineal foot of 4 strand high tensile wire fence installed.
(6) $0.94 per lineal foot of 5 strand high tensile wire fence installed.
(7) $1.62 per lineal foot of 4 strand barbed wire fence installed.
(8) $1.64 per lineal foot of 5 strand barbed wire fence installed.
(9) $2.26 per lineal foot of woven wire and two strands of barbed wire fence installed.
(10) $0.69 per lineal foot 1.25" (160 psi) water supply pipeline and appurtenances (above ground) installed.
(11) $1.59 per lineal foot 1.25" (160 psi) water supply pipeline and appurtenances (below ground) installed.
(12) $1.35 per lineal foot of 1.5" (160 psi) water supply pipeline and appurtenances (above ground) installed.
(13) $2.75 per lineal foot of 1.5" (160 psi) water supply pipeline and appurtenances (below ground) installed.

Costs listed for the following items are the average component costs using the AM method of contracting. Payment to landowners will be made at a cost share rate of 65% of the actual cost, not to exceed the maximum cost shown.

(1) $872.00 per power energizer for fence.
(2) $18.00 per foot of drilled well for livestock watering (no payment for dry holes).
(3) $5,000.00 per well pumping plant, to include pump, pressure tank, controller, pit and appurtenances.
(4) $6,474.00 per livestock crossing.
(5) $500.00 per livestock watering facility, including watering trough or tank and appurtenances.

Note:

(1) Property line fences (fences between two different landowners or along legal roads), are not authorized for cost-share payments.

(2) The cumulative amount of Federal cost-share for fencing and water supplies shall not exceed $200.00 per acre.