

Client: Iowa Division of Soil Conservation
 Project Name: Judge AML Reclamation

Bid Date: November 8, 2013
 Bid No. IA-086
 S-H Project No.: 412321-0



I hereby certify that this document was prepared by me or under my direct personal supervision and that I am a duly licensed Professional Engineer under the laws of the State of Iowa.

Name: Christopher R. Bauer, P.E.
 Registration #: 19737

| Item Number | Description | Estimated Quantity | Units | Engineers Opinion of Probable Cost | | Kinman Co., Inc. | | S2 Construction, LLC | | Steger Construction, Inc. | | Tom Kueter Construction, Inc. | |
|---------------------------------------|---|--------------------|-------|------------------------------------|---------------------|------------------|---------------------|----------------------|---------------------|---------------------------|---------------------|-------------------------------|---------------------|
| | | | | Unit Price | Amount | Unit Price | Amount | Unit Price | Amount | Unit Price | Amount | Unit Price | Amount |
| 1 | Mobilization | 1 | LS | \$20,000.00 | \$20,000.00 | \$6,600.00 | \$6,600.00 | \$10,000.00 | \$10,000.00 | \$3,900.00 | \$3,900.00 | \$35,000.00 | \$35,000.00 |
| 2 | Site Clearing and Preparation | 42.8 | ACRE | \$550.00 | \$23,540.00 | \$125.00 | \$5,350.00 | \$300.00 | \$12,840.00 | \$460.00 | \$19,688.00 | \$375.00 | \$16,050.00 |
| 3 | Off Site Waste Disposal | 10 | TON | \$100.00 | \$1,000.00 | \$75.00 | \$750.00 | \$100.00 | \$1,000.00 | \$70.00 | \$700.00 | \$100.00 | \$1,000.00 |
| 4 | Impoundment Discharge | 1.0 | LS | \$6,000.00 | \$6,000.00 | \$650.00 | \$650.00 | \$1,000.00 | \$1,000.00 | \$950.00 | \$950.00 | \$500.00 | \$500.00 |
| 5 | Silt Fences-Installation | 6,750 | LF | \$2.00 | \$13,500.00 | \$2.00 | \$13,500.00 | \$1.25 | \$8,437.50 | \$2.00 | \$13,500.00 | \$1.45 | \$9,787.50 |
| 6 | Silt Fence-Removal | 6,750 | LF | \$0.25 | \$1,687.50 | \$0.25 | \$1,687.50 | \$0.10 | \$675.00 | \$0.25 | \$1,687.50 | \$0.35 | \$2,362.50 |
| 7 | Wattles - Installation | 200 | LF | \$2.00 | \$400.00 | \$3.00 | \$600.00 | \$2.00 | \$400.00 | \$3.00 | \$600.00 | \$1.85 | \$370.00 |
| 8 | Wattles - Removal | 200 | LF | \$0.25 | \$50.00 | \$0.50 | \$100.00 | \$0.10 | \$20.00 | \$1.00 | \$200.00 | \$0.20 | \$40.00 |
| 9 | Granular Surfacing | 60 | TON | \$30.00 | \$1,800.00 | \$19.00 | \$1,140.00 | \$25.00 | \$1,500.00 | \$18.25 | \$1,095.00 | \$20.00 | \$1,200.00 |
| 10 | Excavation | 172,250 | CY | \$1.10 | \$189,475.00 | \$1.25 | \$215,312.50 | \$1.38 | \$237,705.00 | \$1.39 | \$239,427.50 | \$1.50 | \$258,375.00 |
| 11 | Controlled General Fill Placement | 5,500 | CY | \$1.25 | \$6,875.00 | \$1.35 | \$7,425.00 | \$1.50 | \$8,250.00 | \$1.80 | \$9,900.00 | \$2.50 | \$13,750.00 |
| 12 | Granular Toe Berm Drain | 400 | TON | \$30.00 | \$12,000.00 | \$14.70 | \$5,880.00 | \$20.00 | \$8,000.00 | \$18.75 | \$7,500.00 | \$16.00 | \$6,400.00 |
| 13 | Riprap (Class D) | 810 | TON | \$35.00 | \$28,350.00 | \$33.40 | \$27,054.00 | \$33.50 | \$27,135.00 | \$38.50 | \$31,185.00 | \$32.00 | \$25,920.00 |
| 14 | Filter Fabric | 1,330 | SY | \$2.00 | \$2,660.00 | \$1.75 | \$2,327.50 | \$1.85 | \$2,460.50 | \$1.90 | \$2,527.00 | \$3.00 | \$3,990.00 |
| 15 | Terraces | 4,150 | LF | \$2.00 | \$8,300.00 | \$1.00 | \$4,150.00 | \$1.00 | \$4,150.00 | \$1.00 | \$4,150.00 | \$2.00 | \$8,300.00 |
| 16 | Riser-Terrace (12") | 9.0 | EA | \$600.00 | \$5,400.00 | \$650.00 | \$5,850.00 | \$250.00 | \$2,250.00 | \$785.00 | \$7,065.00 | \$750.00 | \$6,750.00 |
| 17 | Tiling-(10") | 1,110 | LF | \$12.00 | \$13,320.00 | \$8.70 | \$9,657.00 | \$8.00 | \$8,880.00 | \$13.00 | \$14,430.00 | \$9.00 | \$9,990.00 |
| 18 | Tiling-(12") | 250 | LF | \$15.00 | \$3,750.00 | \$10.40 | \$2,600.00 | \$10.00 | \$2,500.00 | \$16.00 | \$4,000.00 | \$11.00 | \$2,750.00 |
| 19 | Riser-(48") (Section 02310) | 1 | EA | \$16,000.00 | \$16,000.00 | \$6,161.80 | \$6,161.80 | \$7,500.00 | \$7,500.00 | \$5,800.00 | \$5,800.00 | \$6,500.00 | \$6,500.00 |
| 20 | Pipe-(18" RCP) (Section 02310) | 225 | LF | \$120.00 | \$27,000.00 | \$62.00 | \$13,950.00 | \$58.00 | \$13,050.00 | \$66.30 | \$14,917.50 | \$75.00 | \$16,875.00 |
| 21 | Agricultural Lime, Subgrade (50 Tons ECCE/Acre) | 2,140.0 | TON | \$28.00 | \$59,920.00 | \$29.70 | \$63,558.00 | \$30.00 | \$64,200.00 | \$30.00 | \$64,200.00 | \$34.00 | \$72,760.00 |
| 22 | Mulch, Subgrade (5 Tons/Acre) | 42.8 | ACRE | \$700.00 | \$29,960.00 | \$825.00 | \$35,310.00 | \$600.00 | \$25,680.00 | \$885.00 | \$37,878.00 | \$810.00 | \$34,668.00 |
| 23 | Agricultural Lime, Seeding (10 Tons ECCE/Acre) | 418.0 | TON | \$28.00 | \$11,704.00 | \$29.70 | \$12,414.60 | \$35.00 | \$14,630.00 | \$30.00 | \$12,540.00 | \$34.00 | \$14,212.00 |
| 24 | Nitrogen, N (100 lbs/Acre) | 4,180 | LBS | \$1.00 | \$4,180.00 | \$1.00 | \$4,180.00 | \$0.75 | \$3,135.00 | \$1.00 | \$4,180.00 | \$0.95 | \$3,971.00 |
| 25 | Phosphorus, P (100 lbs/Acre) | 4,180 | LBS | \$1.00 | \$4,180.00 | \$1.20 | \$5,016.00 | \$0.75 | \$3,135.00 | \$1.20 | \$5,016.00 | \$0.95 | \$3,971.00 |
| 26 | Potassium, K (100 lbs/Acre) | 4,180 | LBS | \$1.00 | \$4,180.00 | \$1.00 | \$4,180.00 | \$0.75 | \$3,135.00 | \$1.00 | \$4,180.00 | \$0.95 | \$3,971.00 |
| 27 | Interim Seeding | 41.8 | ACRE | \$450.00 | \$18,810.00 | \$450.00 | \$18,810.00 | \$400.00 | \$16,720.00 | \$450.00 | \$18,810.00 | \$390.00 | \$16,302.00 |
| 28 | Mulch, Seeding (2 Tons/Acre) | 41.8 | ACRE | \$450.00 | \$18,810.00 | \$500.00 | \$20,900.00 | \$300.00 | \$12,540.00 | \$500.00 | \$20,900.00 | \$400.00 | \$16,720.00 |
| 29 | Field Fencing | 1,550 | LF | \$3.00 | \$4,650.00 | \$4.50 | \$6,975.00 | \$4.00 | \$6,200.00 | \$4.00 | \$6,200.00 | \$5.50 | \$8,525.00 |
| 30 | Double Gate (2-12 Foot Panels) | 2 | EA | \$600.00 | \$1,200.00 | \$287.50 | \$575.00 | \$500.00 | \$1,000.00 | \$575.00 | \$1,150.00 | \$500.00 | \$1,000.00 |
| TOTAL BASE BID FROM UNIT PRICE | | | | | \$538,701.50 | | \$502,663.90 | | \$508,128.00 | | \$558,276.50 | | \$602,010.00 |
| TOTAL BASE BID FROM DOC C | | | | | | | \$502,663.90 | | \$508,128.00 | | \$558,276.50 | | \$602,010.00 |
| DIFFERENCE | | | | | | | \$0.00 | | \$0.00 | | \$0.00 | | \$0.00 |

Client: Iowa Division of Soil Conservation
 Project Name: Judge AML Reclamation

Bid Date: November 8, 2013
 Bid No. IA-086
 S-H Project No.: 412321-0



| Item Number | Description | Estimated Quantity | Units | Reilly Construction | | | | | UNIT PRICE SUMMARY | | |
|---------------------------------------|---|--------------------|-------|---------------------|---------------------|--|---------------|--|--------------------|------------|---------------|
| | | | | Unit Price | Amount | | | | Average | Lowest | Highest |
| 1 | Mobilization | 1 | LS | \$30,000.00 | \$30,000.00 | | | | \$17,100.00 | \$3,900.00 | \$35,000.00 |
| 2 | Site Clearing and Preparation | 42.8 | ACRE | \$700.00 | \$29,960.00 | | | | \$392.00 | \$125.00 | \$700.00 |
| 3 | Off Site Waste Disposal | 10 | TON | \$180.00 | \$1,800.00 | | | | \$105.00 | \$70.00 | \$180.00 |
| 4 | Impoundment Discharge | 1 | LS | \$4,500.00 | \$4,500.00 | | | | \$1,520.00 | \$500.00 | \$4,500.00 |
| 5 | Silt Fences-Installation | 6,750 | LF | \$2.00 | \$13,500.00 | | | | \$1.74 | \$1.25 | \$2.00 |
| 6 | Silt Fence-Removal | 6,750 | LF | \$0.25 | \$1,687.50 | | | | \$0.24 | \$0.10 | \$0.35 |
| 7 | Wattles - Installation | 200 | LF | \$3.00 | \$600.00 | | | | \$2.57 | \$1.85 | \$3.00 |
| 8 | Wattles - Removal | 200 | LF | \$1.00 | \$200.00 | | | | \$0.56 | \$0.10 | \$1.00 |
| 9 | Granular Surfacing | 60 | TON | \$27.00 | \$1,620.00 | | | | \$21.85 | \$18.25 | \$27.00 |
| 10 | Excavation | 172,250 | CY | \$1.28 | \$220,480.00 | | | | \$1.36 | \$1.25 | \$1.50 |
| 11 | Controlled General Fill Placement | 5,500 | CY | \$3.15 | \$17,325.00 | | | | \$2.06 | \$1.35 | \$3.15 |
| 12 | Granular Toe Berm Drain | 400 | TON | \$18.00 | \$7,200.00 | | | | \$17.49 | \$14.70 | \$20.00 |
| 13 | Riprap (Class D) | 810 | TON | \$38.50 | \$31,185.00 | | | | \$35.18 | \$32.00 | \$38.50 |
| 14 | Filter Fabric | 1330 | SY | \$2.50 | \$3,325.00 | | | | \$2.20 | \$1.75 | \$3.00 |
| 15 | Terraces | 4150 | LF | \$2.10 | \$8,715.00 | | | | \$1.42 | \$1.00 | \$2.10 |
| 16 | Riser-Terrace (12") | 9 | EA | \$675.00 | \$6,075.00 | | | | \$622.00 | \$250.00 | \$785.00 |
| 17 | Tiling-(10") | 1110 | LF | \$7.25 | \$8,047.50 | | | | \$9.19 | \$7.25 | \$13.00 |
| 18 | Tiling-(12") | 250 | LF | \$8.25 | \$2,062.50 | | | | \$11.13 | \$8.25 | \$16.00 |
| 19 | Riser-(48") (Section 02310) | 1 | EA | \$7,500.00 | \$7,500.00 | | | | \$6,692.36 | \$5,800.00 | \$7,500.00 |
| 20 | Pipe-(18" RCP) (Section 02310) | 225 | LF | \$75.00 | \$16,875.00 | | | | \$67.26 | \$58.00 | \$75.00 |
| 21 | Agricultural Lime, Subgrade (50 Tons ECCE/Acre) | 2,140 | TON | \$35.00 | \$74,900.00 | | | | \$31.74 | \$29.70 | \$35.00 |
| 22 | Mulch, Subgrade (5 Tons/Acre) | 42.8 | ACRE | \$975.00 | \$41,730.00 | | | | \$819.00 | \$600.00 | \$975.00 |
| 23 | Agricultural Lime, Seeding (10 Tons ECCE/Acre) | 418 | TON | \$35.00 | \$14,630.00 | | | | \$32.74 | \$29.70 | \$35.00 |
| 24 | Nitrogen, N (100 lbs/Acre) | 4,180 | LBS | \$1.00 | \$4,180.00 | | | | \$0.94 | \$0.75 | \$1.00 |
| 25 | Phosphorus, P (100 lbs/Acre) | 4,180 | LBS | \$1.20 | \$5,016.00 | | | | \$1.06 | \$0.75 | \$1.20 |
| 26 | Potassium, K (100 lbs/Acre) | 4,180 | LBS | \$1.00 | \$4,180.00 | | | | \$0.94 | \$0.75 | \$1.00 |
| 27 | Interim Seeding | 41.8 | ACRE | \$450.00 | \$18,810.00 | | | | \$428.00 | \$390.00 | \$450.00 |
| 28 | Mulch, Seeding (2 Tons/Acre) | 41.8 | ACRE | \$500.00 | \$20,900.00 | | | | \$440.00 | \$300.00 | \$500.00 |
| 29 | Field Fencing | 1,550 | LF | \$4.50 | \$6,975.00 | | | | \$4.50 | \$4.00 | \$5.50 |
| 30 | Double Gate (2-12 Foot Panels) | 2 | EA | \$500.00 | \$1,000.00 | | | | \$472.50 | \$287.50 | \$575.00 |
| TOTAL BASE BID FROM UNIT PRICE | | | | | \$604,978.50 | | \$0.00 | | \$0.00 | | \$0.00 |
| TOTAL BASE BID FROM DOC C | | | | | \$604,978.50 | | | | | | |
| DIFFERENCE | | | | | \$0.00 | | \$0.00 | | \$0.00 | | \$0.00 |