CITY OF VINELAND, NJ

RESOLUTION NO. 2015-____

A RESOLUTION AWARDING A CONTRACT TO FRED M. SCHIAVONE CONST. INC., MALAGA, NJ FOR THE COMPLETION OF BURNT MILL POND DAM REHABILITATION, IN THE AMOUNT OF \$770,164.85.

WHEREAS, the City of Vineland has heretofore advertised for bids for the Completion of Burnt Mill Pond Dam Rehabilitation, in accordance with specifications on file in the office of the Purchasing Agent; and

WHEREAS, on July 28, 2015, bids were received, duly opened and read aloud, being referred to the Assistant Business Administrator for tabulation, evaluation, report and recommendation; and

WHEREAS, the Assistant Business Administrator has, under date of August 18, 2015 submitted a written report and tabulation of the bids received and has recommended that a contract for the Completion of Burnt Mill Pond Dam Rehabilitation, be awarded to Fred M. Schiavone Const. Inc., Malaga, NJ, in the amount of \$770,164.85, said bid being the lowest bid received and considered in the best interest of the City of Vineland; now, therefore,

BE IT RESOLVED by the Council of the City of Vineland that said contract for the Completion of Burnt Mill Pond Dam Rehabilitation, be and the same is awarded to Fred M. Schiavone Const. Inc., Malaga, NJ, on their bid in the amount of \$770,164.85, said bid being the lowest bid received and considered in the best interest of the City of Vineland, and the Purchasing Agent be and the same is hereby authorized and directed to issue purchase order contract for the same in behalf of the City; and

BE IT FURTHER RESOLVED that the City Comptroller has certified that the funds for the contract to be awarded herein are available.

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Adopted.	
ATTEST:	President of Council
City Clerk	



August 18, 2015

REPORT TO: THE MAYOR AND COUNCIL

RE: Proposals Submitted to the Purchasing Board 7/28/15

Dear Mayor and Members of Council:

Submitted to you herewith for your consideration is our evaluation of the proposals submitted to the Purchasing Board on July 28, 2015.

COMPLETION OF CITY-WIDE DRAINAGE IMPROVEMENTS PROJECT

It is the recommendation of the City Engineer, which has the concurrence of the Purchasing Agent and the Assistant Business Administrator that a contract be awarded to the low bidder, Kline Construction Co., Inc., Galloway, NJ, in the amount of \$327,052.25.

COMPLETION OF BURNT MILL POND DAM REHABILITATION

It is the recommendation of the City Engineer, which has the concurrence of the Purchasing Agent and the Assistant Business Administrator that a contract be awarded to the low bidder, Fred M. Schiavone Const. Inc., Malaga, NJ, in the amount of \$770,164.85.

We trust that the above recommendation will receive your favorable consideration and that the recommended resolutions will be adopted as presented.

Respectfully submitted,

Robert Dickenson

Assistant Business Administrator

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BID EVALUATION FORM

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DEPARTMENT PW - City Engineering BUSINESS ADMIN.
Date: 7/31/15
The undersigned recommends that a contract be awarded for the following:
1. Bid Title: Burnt Mill Pond Dam Rehabilitation
2. Amount to be Awarded:
✓ Encumber Total Award
Encumber by Supplemental Release
3. Engineer's Estimate: 489,108.50
4. Amount Budget: \$
5. Account Number to be Charged: two accounts, see below
6. Date Bids Received: 7/28/15
7. Date to be Awarded: 25/15
8. Recommended Vendor: Fred M. Schiavone Construction
9. Is Recommended Vendor the Apparent Lowest Bidder? ✓ Yes ☐ No
10. Comments/Special Instructions: 021-0-00-000-02-2560014 and 021-0-00-00-0000-2-5518201
11. Evaluation Performed by: David J. Maillet, PE
12. Approved By:
Brian N. Myers, PE, CME, City Engineer
13. Attached: (Check-Off List)
 ✓ Tabulation of Bids ☐ Justification for Vendor Recommendation (if applicable) ☐ Evaluation Data (if applicable)

Send copies to:
Purchasing Division Business Administration



BURNT MILL POND DAM REHABILITATION FINANCIAL/BUDGETARY ESTIMATIONS

Engineer's Estimate	\$ 489,108.50
Remaining Bond Estimate (3/31/15 Tosto Email)	
2012-9 Burnt Mill	\$ 664,634.60
2012-9 Memorial	\$ 22,746.75
	\$ 687,381.35
Innoprise 7/28/15 Total	\$ 686,995.88
Construction Inspection (7/28/15 award)	\$ 48,909.35
	\$ 638,086.53
Estimate of Available Funding	\$ 638,000.00
Fred M. Schiavone Construction Bid	\$ 770,164.85
Shortage in Bond Funding	\$ (132,164.85)

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BID OPENING DATE JULY 28, 2015

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ITEM NO.	CONTRACT INFORMATION DESCRIPTION	UNITS	2002 30 00	ENG. EST UNIT	ENG. EST. TOTAL	BID UNIT PRICE	BID TOTAL	% OF ENG. EST.	\$ DIFFERENCE (CONTRACTOR - ESTIMATE)	BID- UNIT PRICE	BID TOTAL	% OF ENG. EST.	\$ DIFFERENCE (CONTRACTOR- ESTIMATE)	BID UNIT PRICE	BID TOTAL	% OF ENG. EST.	\$ DIFFERENCE (CONTRACTOR- ESTIMATE) =	
1	TRAFFIC CONTROL	LS	1	\$5,000.00	\$ 5,000.00	\$ 8,190.00	\$ 8,190.00	163.80%	\$3,190.00	\$ 500.00	\$ 500.00	10.00%	(\$4,500.00)	\$ 5,000.00	\$ 5,000.00	100.00%		
2	CLEARING SITE	LS	1	\$12,000.00	\$ 12,000.00	\$ 55,984.50	\$ 55,984.50	466.54%	\$43,984.50	\$ 46,000.00	\$ 46,000.00	383.33%	\$34,000.00	\$ 85,000.00	\$ 85,000.00	708.33%	\$73,000.00	
3	STRIPPING	SY	2,950	\$1.50	\$ 4,425.00	\$ 3.18	\$ 9,381.00	212.00%	\$4,956.00	\$ 3.50	\$ 10,325.00	233.33%	\$5,900.00	\$ 2.00	\$ 5,900.00	133.33%	\$1,475.00	
4	EXCAVATION, UNCLASSIFIED (OFF-SITE	CY	1,200	\$27.00	\$ 32,400.00	\$ 19.89	\$ 23,868.00	73.67%	(\$8,532.00)	\$ 40.00	\$ 48,000.00	148.15%	\$15,600.00	\$ 36.00	\$ 43,200.00	133.33%	\$10,800.00	
5	SPOIL) EXCAVATION, UNCLASSIFIED (RE-USE ON-	CY	500	\$22.00	\$ 11,000.00	\$ 11.12	\$ 5,560.00	50.55%	(\$5,440.00)	\$ 21.00	\$ 10,500.00	95.45%	(\$500.00)	\$ 30.00	\$ 15,000.00	136.36%	\$4,000.00	
6	BACKFILL, UNCLASSIFIED	CY	500	\$34.00	\$ 17,000.00	\$ 8.19	\$ 4,095.00	24.09%	(\$12,905.00)	\$ 44.00	\$ 22,000.00	129.41%	\$5,000.00	\$ 31.00	\$ 15,500.00	91.18%	(\$1,500.00)	
7	IMPORTED STRUCTURAL FILL	CY	700	\$30.00	\$ 21,000.00	\$ 35.10	\$ 24,570.00	117.00%	\$3,570.00	\$ 84.00	\$ 58,800.00	280.00%	\$37,800.00	\$ 20.00	\$ 14,000.00	66.67%	(\$7,000.00)	
8	CONSTRUCTION ENTRANCE/TIRE CLEANER	SY	115	\$24.50	\$ 2,817.50	\$ 23.40	\$ 2,691.00	95.51%	(\$126.50)	\$ 0.01	\$ 1.15	0.04%	(\$2,816.35)	\$ 65.00	\$ 7,475.00	265.31%	\$4,657.50	
9	SILT FENCE	LF	1,200	\$4.00	\$ 4,800.00	\$ 4.68	\$ 5,616.00	117.00%	\$816.00	\$ 10.00	\$ 12,000.00	250.00%	\$7,200.00	\$ 5.00	\$ 6,000.00	125.00%	\$1,200.00	
10	SNOW FENCE (TREE PROTECTION)	LF	730	\$6.00	\$ 4,380.00	\$ 9.36	\$ 6,832.80	156.00%	\$2,452.80	\$ 4.50	\$ 3,285.00	75.00%	(\$1,095.00)	\$ 8.00	\$ 5,840.00	133.33%	\$1,460.00	
11	TEMPORARY COFFER DAM, 280 LF (PORTADAM)	LS	1	\$49,200.00	\$ 49,200.00	\$123,815.25	\$ 123,815.25	251.66%	\$74,615.25	\$160,000.00	\$ 160,000.00	325.20%	\$110,800.00	\$136,000.00	\$ 136,000.00	276.42%	\$86,800.00	
12	DEWATERING (INCL. PUMP, HOSE, BASIN, SEDIMENT FILTRATION, TURBIDITY BARRIER	LS	1	\$14,000.00	\$ 14,000.00	\$ 58,500.00	\$ 58,500.00	417.86%	\$44,500.00	\$ 10,000.00	\$ 10,000.00	71.43%	(\$4,000.00)	\$ 26,000.00	\$ 26,000.00	185.71%	\$12,000.00	
13	24" CMP CULVERT (TEMPORARY STREAM	LF	76	\$50.00	\$ 3,800.00	\$ 126.59	\$ 9,620.84	253.18%	\$5,820.84	\$ 240.00	\$ 18,240.00	480.00%	\$14,440.00	\$ 200.00	\$ 15,200.00	400.00%	\$11,400.00	
. 14	BYPASS) TEMPORARY RIPRAP PAD & HAY-BALE SEDIMENT BARRIER (W. STONE BERM)	LS	1	\$2,500.00	\$ 2,500.00	\$ 2,925.00	\$ 2,925.00	117.00%	\$425.00	\$ 1,500.00	\$ 1,500.00	60.00%	(\$1,000.00)	\$ 6,000.00	\$ 6,000.00	240.00%	\$3,500.00	
15	CONCRETE WASHOUT SYSTEM	LS	1	\$500.00	\$ 500.00	\$ 936.00	\$ 936.00	187.20%	\$436.00	\$ 100.00	\$ 100.00	20.00%	(\$400.00)	\$ 1,500.00	\$ 1,500.00	300.00%	\$1,000.00	
16	ACB REVETMENT (INCL. GEOGRID, SPREADER BAR)	SY	1,830	\$99.00	\$ 181,170.00	\$ 143.91	\$ 263,355.30	145.36%	\$82,185.30	\$ 110.00	\$ 201,300.00	111.11%	\$20,130.00	\$ 170.00	\$ 311,100.00	171.72%	\$129,930.00	
17	1.5"-2" DIAMETER CLEAN STONE, 6" THK (INCL. GEOTEXTILE FABRIC)	SY	1,830	\$22.00	\$ 40,260.00	\$ 15.39	\$ 28,163.70	69.95%	(\$12,096.30)	\$ 22.00	\$ 40,260.00	100.00%		\$ 23.00	\$ 42,090.00	104.55%	\$1,830.00	
18	RIPRAP STONE CHANNEL PROTECTION, 12" THK (D50=6")	SY	16	\$45.00	\$ 720.00	\$ 58.50	\$ 936.00	130.00%	\$216.00	\$ 72.00	\$ 1,152.00	160.00%	\$432.00	\$ 265.00	\$ 4,240.00	588.89%	\$3,520.00	

BID OPENING DATE JULY 28, 2015

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ITEM NO.	DESCRIPTION	UNITS	CONTRACT	ENG. EST UNIT	ENG. ES		BID UNIT PRICE	BID TOTAL	% OF ENG. EST.	\$ DIFFERENCE (CONTRACTOR - ESTIMATE)	BID UNIT PRICE	BID TOTAL	% OF ENG. EST.	\$ DIFFERENCE. (CONTRACTOR - ESTIMATE)	BID UNIT PRICE	BID TOTAL	% OF ENG. EST.	\$ DIFFERENCE (CONTRACTO ESTIMATE	
10 C	COARSE AGG. NO. 57, 6" THICK (BELOW RIPRAP)	SY	16	\$20.00	\$ 3	20.00	\$ 52.65	\$ 842.40	263.25%	\$522.40	\$ 40.00	\$ 640.0	0 200.00%	\$320.00	\$ 77.00	\$ 1,232.00	385.00%	\$912.00	
	SEOTEXTILE FABRIC, 8 OZ, NON-WOVEN BELOW RIPRAP)	SY	16	\$8.00	\$ 1:	28.00	\$ 4.68	\$ 74.88	58.50%	(\$53.12)	\$ 1.00	\$ 16.0	0 12.50%	(\$112.00)	\$ 5.00	\$ 80.00	62.50%	(\$48.00)	
21 (11	SABION WALL, W/ PVC-COATED WIRE CAGE NCL. COURSE AGG. AND GEOTEXTILE ABRIC)	CY	112	\$350.00	\$ 39,2	00.00	\$ 582.66	\$ 65,257.92	166.47%	\$26,057.92	\$ 470.00	\$ 52,640.0	0 134.29%	\$13,440.00	\$ 350.00	\$ 39,200.00	100.00%		
22 9"	SABION MATTRESS CHANNEL PROTECTION, "THICK, (INCL. COARSE AGG. AND SECTEXTILE FABRIC)	SY	168	\$100.00	\$ 16,8	00.00	\$ 184.86	\$ 31,056.4	184.86%	\$14,256.48	\$ 170.00	\$ 28,560.0	0 170.00%	\$11,760.00	\$ 330.00	\$ 55,440.00	330.00%	\$38,640.0	
	CONCRETE CURB/CUTOFF WALL (AT BROAD- CREST SPILLWAY)	LF	68	\$40.00	\$ 2,7	20.00	\$ 42.71	\$ 2,904.28	106.78%	\$184.28	\$ 220.00	\$ 14,960.0	0 550.00%	\$12,240.00	\$ 92.00	\$ 6,256.00	230.00%	\$3,536.00	
	' HIGH SPLIT RAIL FENCE W/ WELDED-WIRE ABRIC	LF	70	\$20.00	\$ 1,40	00.00	\$ 25.74	\$ 1,801.80	128.70%	\$401.80	\$ 50.00	\$ 3,500.0	0 250.00%	\$2,100.00	\$ 26.00	\$ 1,820.00	130.00%	\$420.00	
25 RI	EINFORCED CONC. WEIR WALL (SPILLWAY)	CY	1	\$1,600.00	\$ 1,6	00.00	\$ 4,959.63	\$ 4,959.63	309.98%	\$3,359.63	\$ 14,500.00	\$ 14,500.0	0 906.25%	\$12,900.00	\$ 7,500.00	\$ 7,500.00	468.75%	\$5,900.00	
26 RI	EINFORCEMENT STEEL, EPOXY-COATED	LB	200	\$3.00	\$ 66	00.00	\$ 4.68	\$ 936.00	156.00%	\$336.00	\$ 3.00	\$ 600.0	0 100.00%		\$ 3.00	\$ 600.00	100.00%		
27 AI	LUMINUM STOP-LOG GATE SYSTEM	LS	1	\$10,500.00	\$ 10,50	00.00	\$ 14,040.00	\$ 14,040.00	133.71%	\$3,540.00	\$ 17,000.00	\$ 17,000.0	0 161.90%	\$6,500.00	\$ 30,000.00	\$ 30,000.00	285.71%	\$19,500.00	
28 6"	"DIA. STEEL BOLLARDS, CONCRETE FILLED	UNIT	4	\$200.00	\$ 80	00.00	\$ 526.50	\$ 2,106.00	263.25%	\$1,306.00	\$ 450.00	\$ 1,800.0	0 225.00%	\$1,000.00	\$ 1,350.00	\$ 5,400.00	675.00%	\$4,600.00	
29 6"	" DIA. REMOVABLE BOLLARDS	UNIT	2	\$300.00	\$ 60	00.00	\$ 1,170.00	\$ 2,340.00	390.00%	\$1,740.00	\$ 425.00	\$ 850.0	0 141.67%	\$250.00	\$ 2,500.00	\$, 5,000.00	833.33%	\$4,400.00	
30 TO	OPSOILING, 4" THICK	SY	900	\$2.30	\$ 2,0	70.00	\$ 5.27	\$ 4,743.00	229.13%	\$2,673.00	\$ 3.00	\$ 2,700.0	0 130.43%	\$630.00	\$ 7.00	\$ 6,300.00	304.35%	\$4,230.00	
	ERTILIZING AND SEEDING, HYDROSEED ERMANENT MIX WITH MULCH	SY	1,070	\$2.60	\$ 2,78	82.00	\$ 1.58	\$ 1,690.60	60.77%	(\$1,091.40)	\$ 2.00	\$ 2,140.0	0 76.92%	(\$642.00)	\$ 1.00	\$ 1,070.00	38.46%	(\$1,712.0	
32 ST	TRAW MULCHING	SY	826	\$1.00	\$ 82	26.00	\$ 0.82	\$ 677.32	82.00%	(\$148.68)	\$ 0.25	\$ 206.5	0 25.00%	(\$619.50)	\$ 1.00	\$ 826.00	100.00%		
33 PE	OPSOIL STABILIZATION, VMAX3 SC250 - ERMANENT TURF REINFORCEMENT IATTING	SY	205	\$8.00	\$ 1,64	40.00	\$ 8.19	\$ 1,678.95	102.38%	\$38.95	\$ 5.00	\$ 1,025.0	0 62.50%	(\$615.00)	\$ 4.00	\$ 820.00	50.00%	(\$820.00	
34 DO	OPSOIL STABILIATION - LONG-TERM OUBLE-NET BIO-DEGRADABLE EROSION ONTROL BLANKET	SY	10	\$15.00	\$ 15	50.00	\$ 1.52	\$ 15.20	10.13%	(\$134.80)	\$ 26.00	\$ 260.0	0 173.33%	\$110.00	\$ 24.00	\$ 240.00	160.00%	\$90.00	

Calculation Erro

BID OPENING DATE JULY 28, 2015

	CONTRACT INFORMATION			ENGINEE	G. 1	HELMER CONS	TRUCTION CO.	, INC.	WAL	TERS MARINE	CONSTRUCTIO	N, INC.	14723	JPC GR	OUP INC.	
ITEM NO.	DESCRIPTION	UNITS	CONTRACT	ENG. EST UNIT PRICE	BID UNIT PRICE	BID TOTAL	% OF ENG. EST.	\$ DIFFERENCE (CONTRACTOR - ESTIMATE)	BID UNIT PRICE	BID TOTAL	% OF ENG. EST.	\$ DIFFERENCE (CONTRACTOR - ESTIMATE)	BID UNIT PRICE	BID TOTAL	% OF ENG. EST.	\$ DIFFERENCE (CONTRACTOR ESTIMATE)
1	TRAFFIC CONTROL	LS	1	\$5,000.00	\$ 8,000.00	\$ 8,000.00	160.00%	\$3,000.00	\$ 5,000.00	\$ 5,000.00	100.00%		\$ 5,000.00	\$ 5,000.00	100.00%	
2	CLEARING SITE	LS	1	\$12,000.00	\$106,140.00	\$ 106,140.00	884.50%	\$94,140.00	\$ 50,000.00	\$ 50,000.00	416.67%	\$38,000.00	\$ 55,000.00	\$ 55,000.00	458.33%	\$43,000.00
3	STRIPPING	SY	2,950	\$1.50	\$ 10.00	\$ 29,500.00	666.67%	\$25,075.00	\$ 6.00	\$ 17,700.00	400.00%	\$13,275.00	\$ 5.00	\$ 14,750.00	333.33%	\$10,325.00
4	EXCAVATION, UNCLASSIFIED (OFF-SITE SPOIL)	CY	1,200	\$27.00	\$ 18.00	\$ 21,600.00	66.67%	(\$10,800.00)	\$ 32.00	\$ 38,400.00	118.52%	\$6,000.00	\$ 65.00	\$ 78,000.00	240.74%	\$45,600.00
5	EXCAVATION, UNCLASSIFIED (RE-USE ON- SITE	CY	500	\$22.00	\$ 15.00	\$ 7,500.00	68.18%	(\$3,500.00)	\$ 17.00	\$ 8,500.00	77.27%	(\$2,500.00)	\$ 25.00	\$ 12,500.00	113.64%	\$1,500.00
6	BACKFILL, UNCLASSIFIED	CY	500	\$34.00	\$ 18.00	\$ 9,000.00	52.94%	(\$8,000.00)	\$ 23.00	\$ 11,500.00	67.65%	(\$5,500.00)	\$ 10.00	\$ 5,000.00	29.41%	(\$12,000.00)
7	IMPORTED STRUCTURAL FILL	CY	700	\$30.00	\$ 18.00	\$ 12,600.00	60.00%	(\$8,400.00)	\$ 55.00	\$ 38,500.00	183.33%	\$17,500.00	\$ 35.00	\$ 24,500.00	116.67%	\$3,500.00
8	CONSTRUCTION ENTRANCE/TIRE CLEANER	SY	115	\$24.50	\$ 60.00	\$ 6,900.00	244.90%	\$4,082.50	\$ 30.00	\$ 3,450.00	122.45%	\$632.50	\$ 20.00	\$ 2,300.00	81.63%	(\$517.50)
9	SILT FENCE	LF	1,200	\$4.00	\$ 3.50	\$ 4,200.00	87.50%	(\$600.00)	\$ 3.00	\$ 3,600.00	75.00%	(\$1,200.00)	\$ 7.00	\$ 8,400.00	175.00%	\$3,600.00
10	SNOW FENCE (TREE PROTECTION)	LF	730	\$6.00	\$ 3.00	\$ 2,190.00	50.00%	(\$2,190.00)	\$ 6.00	\$ 4,380.00	100.00%		\$ 9.00	\$ 6,570.00	150.00%	\$2,190.00
11	TEMPORARY COFFER DAM, 280 LF (PORTADAM)	LS	1	\$49,200.00	\$ 66,000.00	\$ 66,000.00	134.15%	\$16,800.00	\$200,000.00	\$ 200,000.00	406.50%	\$150,800.00	\$150,000.00	\$ 150,000.00	304.88%	\$100,800.00
12	DEWATERING (INCL. PUMP, HOSE, BASIN, SEDIMENT FILTRATION, TURBIDITY BARRIER	LS	1	\$14,000.00	\$ 65,000.00	\$ 65,000.00	464.29%	\$51,000.00	\$ 25,000.00	\$ 25,000.00	178.57%	\$11,000.00	\$150,000.00	\$ 150,000.00	1071.43%	\$136,000.00
13	24" CMP CULVERT (TEMPORARY STREAM BYPASS)	LF	76	\$50.00	\$ 150.00	\$ 11,400.00	300.00%	\$7,600.00	\$ 300.00	\$ 22,800.00	600.00%	\$19,000.00	\$ 200.00	\$ 15,200.00	400.00%	\$11,400.00
14	TEMPORARY RIPRAP PAD & HAY-BALE SEDIMENT BARRIER (W. STONE BERM)	LS	1	\$2,500.00	\$ 10,000.00	\$ 10,000.00	400.00%	\$7,500.00	\$ 7,500.00	\$ 7,500.00	300.00%	\$5,000.00	\$ 2,500.00	\$ 2,500.00	100.00%	
15	CONCRETE WASHOUT SYSTEM	LS	1	\$500.00	\$ 5,000.00	\$ 5,000.00	1000.00%	\$4,500.00	\$ 3,000.00	\$ 3,000.00	600.00%	\$2,500.00	\$ 6,000.00	\$ 6,000.00	1200.00%	\$5,500.00
16	ACB REVETMENT (INCL. GEOGRID, SPREADER BAR)	SY	1,830	\$99.00	\$ 215.00	\$ 393,450.00	217.17%	\$212,280.00	\$ 150.00	\$ 274,500.00	151.52%	\$93,330.00	\$ 160.00	\$ 292,800.00	161.62%	\$111,630.00
17	1.5"-2" DIAMETER CLEAN STONE, 6" THK (INCL. GEOTEXTILE FABRIC)	SY	1,830	\$22.00	\$ 25.00	\$ 45,750.00	113.64%	\$5,490.00	\$ 30.00	\$ 54,900.00	136.36%	\$14,640.00	\$ 20.00	\$ 36,600.00	90.91%	(\$3,660.00)
18	RIPRAP STONE CHANNEL PROTECTION, 12" THK (D50=6")	SY	16	\$45.00	\$ 225.00	\$ 3,600.00	500.00%	\$2,880.00	\$ 200.00	\$ 3,200.00	444.44%	\$2,480.00	\$ 100.00	\$ 1,600.00	222.22%	\$880.00

BID OPENING DATE JULY 28, 2015

DESCRIPTION OARSE AGG. NO. 57, 6" THICK (BELOW IPRAP) EOTEXTILE FABRIC, 8 OZ, NON-WOVEN ISELOW RIPRAP) ABION WALL, W/ PVC-COATED WIRE CAGE NO. COURSE AGG. AND GEOTEXTILE ABRIC) ABION MATTRESS CHANNEL PROTECTION, THICK, (INCL. COARSE AGG. AND EOTEXTILE FABRIC) DONCRETE CURB/CUTOFF WALL (AT BROAD-	SY SY CY SY	CONTRACT QUANTITY 16 16 16 112	\$20.00 \$8.00 \$350.00	BID UNIT PRICE \$ 225.00 \$ 1.50	3,600.00		\$ DIFFERENCE (CONTRACTOR ESTIMATE) \$3,280.00	BID UNIT PRICE	\$ 1,920.00	% OF ENG. EST.	\$ DIFFERENCE (CONTRACTOR: ESTIMATE) \$1,600.00	BID UNIT PRICE \$ 50.00	\$ 800.00	% OF ENG. EST. 250.00%	\$ DIFFERE (CONTRACT ESTIMAT \$480.00
EOTEXTILE FABRIC, 8 OZ, NON-WOVEN SELOW RIPRAP) ABION WALL, W/ PVC-COATED WIRE CAGE NCL. COURSE AGG. AND GEOTEXTILE ABRIC) ABION MATTRESS CHANNEL PROTECTION, THICK, (INCL. COARSE AGG. AND EOTEXTILE FABRIC) DNCRETE CURB/CUTOFF WALL (AT BROAD-	SY	16	\$8.00	\$ 1.50			100 F00 100 100 100 100 100 100 100 100		\$ 1,920.00	600.00%	\$1,600.00	\$ 50.00	\$ 800.00	250.00%	\$480.0
ABION WALL, W/ PVC-COATED WIRE CAGE NCL. COURSE AGG. AND GEOTEXTILE ABRIC) ABRIC) THICK, (INCL. COARSE AGG. AND EOTEXTILE FABRIC) DNCRETE CURB/CUTOFF WALL (AT BROAD-	CY	112			\$ 24.00	18.75%	(\$104.00)								+
NCL. COURSE AGG. AND GEOTEXTILE ABRIC) ABRIC) ABION MATTRESS CHANNEL PROTECTION, THICK, (INCL. COARSE AGG. AND EOTEXTILE FABRIC) DNCRETE CURB/CUTOFF WALL (AT BROAD-			\$350.00			1	(\$104.00)	\$ 5.00	\$ 80.00	62.50%	(\$48.00)	\$ 15.00	\$ 240.00	187.50%	\$112.
THICK, (INCL. COARSE AGG. AND EOTEXTILE FABRIC) DNCRETE CURB/CUTOFF WALL (AT BROAD-	SY			\$ 250.00	\$ 28,000.00	71.43%	(\$11,200.00)	\$ 475.00	\$ 53,200.00	135.71%	\$14,000.00	\$ 400.00	\$ 44,800.00	114.29%	\$5,600
		168	\$100.00	\$ 50.00	\$ 8,400.00	50.00%	(\$8,400.00)	\$ 175.00	\$ 29,400.00	175.00%	\$12,600.00	\$ 390.00	\$ 65,520.00	390.00%	\$48,72
REST SPILLWAY)	LF	68	\$40.00	\$ 200.00	\$ 13,600.00	500.00%	\$10,880.00	\$ 550.00	\$ 37,400.00	1375.00%	\$34,680.00	\$ 150.00	\$ 10,200.00	375.00%	\$7,480
HIGH SPLIT RAIL FENCE W/ WELDED-WIRE ABRIC	LF	70	\$20.00	\$ 25.00	\$ 1,750.00	125.00%	\$350.00	\$ 75.00	\$ 5,250.00	375.00%	\$3,850.00	\$ 30.00	\$ 2,100.00	150.00%	\$700
EINFORCED CONC. WEIR WALL (SPILLWAY)	CY	1	\$1,600.00	\$ 5,000.00	\$ 5,000.00	312.50%	\$3,400.00	\$ 25,000.00	\$ 25,000.00	1562.50%	\$23,400.00	\$ 5,000.00	\$ 5,000.00	312.50%	\$3,400
EINFORCEMENT STEEL, EPOXY-COATED	LB	200	\$3.00	\$ 50.00	\$ 10,000.00	1666.67%	\$9,400.00	\$ 5.00	\$ 1,000.00	166.67%	\$400.00	\$ 3.00	\$ 600.00	100.00%	
UMINUM STOP-LOG GATE SYSTEM	LS	1	\$10,500.00	\$ 68,000.00	\$ 68,000.00	647.62%	\$57,500.00	\$ 25,000.00	\$ 25,000.00	238.10%	\$14,500.00	\$ 20,000.00	\$ 20,000.00	190.48%	\$9,500
DIA. STEEL BOLLARDS, CONCRETE FILLED	UNIT	4	\$200.00	\$ 3.00	\$ 12.00	1.50%	(\$788.00)	\$ 1,200.00	\$ 4,800.00	600.00%	\$4,000.00	\$ 1,400.00	\$ 5,600.00	700.00%	\$4,800
DIA. REMOVABLE BOLLARDS	UNIT	2	\$300.00	\$ 500.00	\$ 1,000.00	166.67%	\$400.00	\$ 2,000.00	\$ 4,000.00	666.67%	\$3,400.00	\$ 1,450.00	\$ 2,900.00	483.33%	\$2,30
PSOILING, 4" THICK	SY	900	\$2.30	\$ 10.00	\$ 9,000.00	434.78%	\$6,930.00	\$ 12.00	\$ 10,800.00	521.74%	\$8,730.00	\$ 12.00	\$ 10,800.00	521.74%	\$8,73
RTILIZING AND SEEDING, HYDROSEED RMANENT MIX WITH MULCH	SY	1,070	\$2.60	\$ 8.00	\$ 8,560.00	307.69%	\$5,778.00	\$ 2.00	\$ 2,140.00	76.92%	(\$642.00)	\$ 3.00	\$ 3,210.00	115.38%	\$428
RAW MULCHING	SY	826	\$1.00	\$ 3.00	\$ 2,478.00	300.00%	\$1,652.00	\$ 6.00	\$ 4,956.00	600.00%	\$4,130.00	\$ 4.00	\$ 3,304.00	400.00%	\$2,478
PSOIL STABILIZATION, VMAX3 SC250 - RMANENT TURF REINFORCEMENT ITTING	SY	205	\$8.00	\$ 5.00	\$ 1,025.00	62.50%	(\$615.00)	\$ 6.00	\$ 1,230.00	75.00%	(\$410.00)	\$ 18.00	\$ 3,690.00	225.00%	\$2,05
PSOIL STABILIATION - LONG-TERM NUBLE-NET BIO-DEGRADABLE EROSION NTROL BLANKET	SY	10	\$15.00	\$ 60.00	\$ 600.00	400.00%	\$450.00	\$ 15.00	\$ 150.00	100.00%		\$ 20.00	\$ 200.00	133.33%	\$50.
AE EI LU D D P RR R PRRTPUN	INFORCED CONC. WEIR WALL (SPILLWAY) INFORCEMENT STEEL, EPOXY-COATED JMINUM STOP-LOG GATE SYSTEM DIA. STEEL BOLLARDS, CONCRETE FILLED DIA. REMOVABLE BOLLARDS PSOILING, 4" THICK RITILIZING AND SEEDING, HYDROSEED RMANENT MIX WITH MULCH RAW MULCHING PSOIL STABILIZATION, VMAX3 SC250 - RMANENT TURF REINFORCEMENT TITING PSOIL STABILIZATION - LONG-TERM JBLE-NET BIO-DEGRADABLE EROSION	BRIC INFORCED CONC. WEIR WALL (SPILLWAY) INFORCEMENT STEEL, EPOXY-COATED LB JMINUM STOP-LOG GATE SYSTEM LS DIA. STEEL BOLLARDS, CONCRETE FILLED UNIT DIA. REMOVABLE BOLLARDS UNIT PSOILING, 4" THICK SY RILIZING AND SEEDING, HYDROSEED RMANENT MIX WITH MULCH SY PSOIL STABILIZATION, VMAX3 SC250 - WMANENT TURF REINFORCEMENT ITING PSOIL STABILIZATION - LONG-TERM JBLE-NET BIO-DEGRADABLE EROSION SY TOTAL ESTIMATED PROJECT COSTS	BRIC INFORCED CONC. WEIR WALL (SPILLWAY) INFORCEMENT STEEL, EPOXY-COATED JUNINUM STOP-LOG GATE SYSTEM LS 1 DIA. STEEL BOLLARDS, CONCRETE FILLED DIA. REMOVABLE BOLLARDS UNIT 2 PSOILING, 4" THICK SY 900 RITILIZING AND SEEDING, HYDROSEED RIMANENT MIX WITH MULCH SAW MULCHING PSOIL STABILIZATION, VMAX3 SC250 - RMANENT TURF REINFORCEMENT ITING PSOIL STABILIZATION - LONG-TERM JBLE-NET BIO-DEGRADABLE EROSION TOTAL ESTIMATED PROJECT COSTS	### BRIC LF	### BRIC LF	### BRIC LF	BRIC LF 70 \$20.00 \$ 25.00 \$ 1,750.00 125.00% INFORCED CONC. WEIR WALL (SPILLWAY) CY 1 \$1,600.00 \$ 5,000.00 \$ 5,000.00 312.50% INFORCEMENT STEEL, EPOXY-COATED LB 200 \$3.00 \$ 50.00 \$ 10,000.00 1666.67% JMINUM STOP-LOG GATE SYSTEM LS 1 \$10,500.00 \$ 68,000.00 \$ 68,000.00 647.62% DIA STEEL BOLLARDS, CONCRETE FILLED UNIT 4 \$200.00 \$ 3.00 \$ 12.00 1.50% DIA REMOVABLE BOLLARDS UNIT 2 \$300.00 \$ 500.00 \$ 1,000.00 166.67% PSOILING, 4" THICK SY 900 \$2.30 \$ 10.00 \$ 9,000.00 434.78% RITILIZING AND SEEDING, HYDROSEED SY 1,070 \$2.60 \$ 8.00 \$ 8,560.00 307.69% RAMANENT MIX WITH MULCH SY 826 \$1.00 \$ 3.00 \$ 2,478.00 300.00% PSOIL STABILIZATION, VMAX3 SC250 - RAMANENT TURF REINFORCEMENT SY 205 \$8.00 \$ 5.00 \$ 1,025.00 62.50% TITING STABILIZATION - LONG-TERM JBLE-NET BIO-DEGRADABLE EROSION SY 10 \$15.00 \$ 60.00 \$ 600.00 400.00% NTROL BLANKET	BRIC LF 70 \$20.00 \$ 25.00 \$ 1,750.00 125.00% \$350.00 INFORCED CONC. WEIR WALL (SPILLWAY) CY 1 \$1,600.00 \$ 5,000.00 \$ 5,000.00 \$ 312.50% \$3,400.00 INFORCEMENT STEEL, EPOXY-COATED LB 200 \$3.00 \$ 50.00 \$ 10,000.00 1666.67% \$9,400.00 JMINUM STOP-LOG GATE SYSTEM LS 1 \$10,500.00 \$ 68,000.00 \$ 68,000.00 \$ 647.62% \$57,500.00 DIA STEEL BOLLARDS, CONCRETE FILLED UNIT 4 \$200.00 \$ 3.00 \$ 12.00 1.50% (\$788.00) DIA REMOVABLE BOLLARDS UNIT 2 \$300.00 \$ 500.00 \$ 1,000.00 166.67% \$400.00 PSOILING, 4" THICK SY 900 \$2.30 \$ 10.00 \$ 9,000.00 434.78% \$6,930.00 RITILIZING AND SEEDING, HYDROSEED SY 1,070 \$2.60 \$ 8.00 \$ 8,560.00 307.69% \$5,778.00 RAW MULCHING SY 826 \$1.00 \$ 3.00 \$ 2,478.00 300.00% \$1,652.00 PSOIL STABILIZATION, VMAX3 SC250 SY 205 \$8.00 \$ 5.00 \$ 1,025.00 62.50% (\$615.00) SOIL STABILIZATION, VMAX3 SC250 SY 10 STABILIZATION LONG-TERM JBLE-NET BIO-DEGRADABLE EROSION SY 10 \$15.00 \$ 600.00 \$ 600.00 \$400.00% \$450.00 NTROL BLANKET	BRIC LF 70 \$20.00 \$ 25.00 \$ 1,750.00 125.00% \$350.00 \$ 75.00 INFORCED CONC. WEIR WALL (SPILLWAY) CY 1 \$1,600.00 \$ 5,000.00 \$ 5,000.00 312.50% \$3,400.00 \$ 25,000.00 INFORCEMENT STEEL, EPOXY-COATED LB 200 \$3.00 \$ 50.00 \$ 10,000.00 1666.67% \$9,400.00 \$ 5.00 IMINUM STOP-LOG GATE SYSTEM LS 1 \$10,500.00 \$ 68,000.00 \$ 68,000.00 \$ 647.62% \$57,500.00 \$ 25,000.00 IDIA. STEEL BOLLARDS, CONCRETE FILLED UNIT 4 \$200.00 \$ 3.00 \$ 12.00 1.50% (\$788.00) \$ 1,200.00 IDIA. REMOVABLE BOLLARDS UNIT 2 \$300.00 \$ 500.00 \$ 1,000.00 166.67% \$400.00 \$ 2,000.00 IDIA. REMOVABLE BOLLARDS UNIT 2 \$300.00 \$ 500.00 \$ 1,000.00 166.67% \$400.00 \$ 2,000.00 IDIA. REMOVABLE BOLLARDS UNIT 2 \$300.00 \$ 500.00 \$ 1,000.00 166.67% \$400.00 \$ 2,000.00 IDIA. REMOVABLE BOLLARDS UNIT 2 \$300.00 \$ 500.00 \$ 1,000.00 166.67% \$400.00 \$ 2,000.00 IDIA. REMOVABLE BOLLARDS UNIT 2 \$300.00 \$ 500.00 \$ 1,000.00 166.67% \$400.00 \$ 2,000.00 IDIA. REMOVABLE BOLLARDS UNIT 2 \$300.00 \$ 500.00 \$ 1,000.00 166.67% \$400.00 \$ 2,000.00 IDIA. REMOVABLE BOLLARDS UNIT 2 \$300.00 \$ 500.00 \$ 1,000.00 166.67% \$400.00 \$ 2,000.00 \$ 2,000.00 \$ 1,000	BRIC LF 70 S20.00 \$ 25.00 \$ 1,750.00 125.00% \$350.00 \$ 75.00 \$ 5,250.00 \$ 1,750.00 \$ 5,250.00 \$ 5,250.00 \$ 1,750.00 \$ 5,000.00 \$ 125.00% \$350.00 \$ 25,000.00 \$ 25,	BRIC LF 70 \$20.00 \$ 25.00 \$1,750.00 \$25.00 \$375.00% \$350.00 \$75.00 \$5.250.00 \$375.00% \$375.00	BRIC LF 70 \$20.00 \$ 25.00 \$ 1,750.00 125.00% \$350.00 \$ 75.00 \$ 5,250.00 376.00% \$3,850.00 \$ 1,000.00 \$ 1,500.00 \$ 5,000.00 \$ 5,000.00 \$ 5,000.00 \$ 5,000.00 \$ 5,000.00 \$ 5,000.00 \$ 25,000	BRIC LP 70 \$20.00 \$ 25.00 \$ 1,750.00 \$ 25.00 \$ 1,750.00 \$ 75.00 \$ 5,250.00 \$ 375.00 \$ \$3,850.00 \$ \$30.00 \$ 30.00 \$ 1,750.00 \$ 125.00% \$33.00 \$ 75.00 \$ 5,250.00 \$ 1,500.00 \$ 5,000.00 \$ 5,	BRIC LT 70 \$20.00 \$ 25.00 \$ 1,750.00 \$ 25.00 \$ 1,750.00 \$ 25.00 \$ 1,750.00 \$ 5,250.00 \$ 375.00% \$3,850.00 \$ 30.00 \$ 2,100.00 \$ 1,000	BRIC LP 70 \$20.00 \$ 25.00 \$ 1,750.00 125.000 \$ 355.00 \$ 75.00 \$ 5,250.00 375.00% \$33,650.00 \$ 30.00 \$ 2,100.00 150.00% \$10.00%