

Colorado Department Of Transportation

Printed On: 11/21/2019

Low Bid Summary

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Letting Date: November 21, 2019

Call Order	Contract ID	Project(s)	# of Bids	Low Bidder	Estimated Cost	Corrected Bid	Percent of Estimate	Overrun (+) Underrun (-)
003	C21232	BRR100-268	3	HAMILTON CONSTRUCTION CO.	\$379,708.00	\$481,505.85	126.81%	\$101,797.85
Letting Totals			3		\$379,708.00	\$481,505.85	126.81%	\$101,797.85

Vendor Ranking

Contract ID: C21232

Contract Description:

The project installs soldier piles and reinforced facing along a cantilevered concrete retaining wall that was undermined from North Clear Creek scour. Work includes drilled caissons, pile installation, minor excavation and back-fill, shotcrete facing, temporary stream crossing platform construction, removal and replacement of a portion of existing Type 3 Guardrail.

Rank	Vendor ID	Vendor Name	Total Bid	Percent Of Low Bid	Percent Of Estimate
0	-EST-	Engineer's Estimate	\$379,708.00	78.86%	100.00%
1	1174A	HAMILTON CONSTRUCTION CO.	\$481,505.85	100.00%	126.81%
2	1086A	STRUCTURES, INC.	\$641,897.31	133.31%	169.05%
3	884A	HAMON INFRASTRUCTURE, INC.	\$692,000.00	143.72%	182.25%

Tabulation of Bids

Contract ID: C21232

Item Code	Description	Quantity	(0) -EST- Engineer's Estimate		(1) 1174A HAMILTON CONSTRUCTION CO.		(2) 1086A STRUCTURES, INC.	
			Unit Price	Amount	Unit Price	Amount	Unit Price	Amount
SECTION:	0001	BID ITEMS				LCC:		
202-04002	Clean Culvert	1.000 EACH	2,500.00000	2,500.00	2,250.00000	2,250.00	7,086.62000	7,086.62
202-04010	Clean Inlet	3.000 EACH	1,000.00000	3,000.00	1,252.00000	3,756.00	1,695.30000	5,085.90
203-01594	Combination Loader	12.000 HOUR	145.00000	1,740.00	131.00000	1,572.00	138.90000	1,666.80
206-00000	Structure Excavation	50.000 CY	25.00000	1,250.00	450.00000	22,500.00	407.59000	20,379.50
208-00013	Erosion Log Type 1 (20 Inch)	100.000 LF	7.00000	700.00	17.00000	1,700.00	38.96000	3,896.00
208-00046	Pre-fabricated Concrete Washout Structure (Type 1)	1.000 EACH	2,500.00000	2,500.00	4,502.00000	4,502.00	2,371.52000	2,371.52
208-00051	Storm Drain Inlet Protection (Type I)	40.000 LF	15.00000	600.00	12.00000	480.00	38.96000	1,558.40
208-00052	Storm Drain Inlet Protection (Type II)	20.000 LF	50.00000	1,000.00	80.00000	1,600.00	89.47000	1,789.40
208-00070	Vehicle Tracking Pad	1.000 EACH	3,000.00000	3,000.00	2,350.00000	2,350.00	2,441.23000	2,441.23
208-00071	Maintenance Aggregate (Vehicle Tracking Pad)	20.000 CY	59.00000	1,180.00	56.00000	1,120.00	45.04000	900.80
208-00103	Removal and Disposal of Sediment (Labor)	4.000 HOUR	70.00000	280.00	58.00000	232.00	47.22000	188.88
208-00105	Removal and Disposal of Sediment (Equipment)	4.000 HOUR	120.00000	480.00	85.00000	340.00	109.38000	437.52
208-00106	Sweeping (Sediment Removal)	8.000 HOUR	160.00000	1,280.00	175.00000	1,400.00	109.38000	875.04
208-00107	Removal of Trash	8.000 HOUR	100.00000	800.00	45.00000	360.00	43.48000	347.84
208-00207	Erosion Control Management	20.000 DAY	250.00000	5,000.00	50.00000	1,000.00	496.83000	9,936.60

Tabulation of Bids

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Item Code	Description	Quantity	(0) -EST- Engineer's Estimate		(1) 1174A HAMILTON CONSTRUCTION CO.		(2) 1086A STRUCTURES, INC.	
			Unit Price	Amount	Unit Price	Amount	Unit Price	Amount
SECTION:	0001	BID ITEMS						
						LCC:		
208-00520	Temporary Stream Crossing	1.000 L S	25,000.00000	25,000.00	90,000.00000	90,000.00	106,760.40000	106,760.40
210-00810	Reset Ground Sign	2.000 EACH	450.00000	900.00	567.00000	1,134.00	420.90000	841.80
210-01180	Reset Guardrail (Special)	200.000 LF	25.00000	5,000.00	55.00000	11,000.00	56.45000	11,290.00
212-00006	Seeding (Native)	0.150 ACRE	2,500.00000	375.00	5,333.00000	799.95	4,278.05000	641.71
212-00032	Soil Conditioning	0.150 ACRE	5,000.00000	750.00	6,000.00000	900.00	6,623.54000	993.53
213-00061	Mulch Tackifier	300.000 LB	5.00000	1,500.00	3.00000	900.00	3.01000	903.00
213-00150	Bonded Fiber Matrix	0.150 ACRE	5,000.00000	750.00	6,666.00000	999.90	5,084.47000	762.67
214-00000	Landscape Maintenance	1.000 L S	6,000.00000	6,000.00	2,733.00000	2,733.00	5,712.19000	5,712.19
250-00110	Health and Safety Officer	12.000 HOUR	120.00000	1,440.00	85.00000	1,020.00	136.42000	1,637.04
502-11284	Steel Piling (HP 12x84)	209.000 LF	120.00000	25,080.00	170.00000	35,530.00	178.88000	37,385.92
503-00030	Drilled Shaft (30 Inch)	99.000 LF	450.00000	44,550.00	800.00000	79,200.00	1,168.29000	115,660.71
506-00030	Grouted Riprap	50.000 CY	300.00000	15,000.00	499.00000	24,950.00	340.90000	17,045.00
601-40300	Structural Concrete Coating	111.000 SY	13.00000	1,443.00	18.00000	1,998.00	75.82000	8,416.02
602-00020	Reinforcing Steel (Epoxy Coated)	6,080.000 LB	2.00000	12,160.00	7.00000	42,560.00	2.54000	15,443.20
607-11525	Fence (Plastic)	100.000 LF	4.00000	400.00	7.00000	700.00	3.29000	329.00

Tabulation of Bids

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Item Code	Description	Quantity	(0) -EST- Engineer's Estimate		(1) 1174A HAMILTON CONSTRUCTION CO.		(2) 1086A STRUCTURES, INC.	
			Unit Price	Amount	Unit Price	Amount	Unit Price	Amount
SECTION:	0001	BID ITEMS						
						LCC:		
614-01583	Steel Sign Support (2-1/2 In Round Sch 80) (Post & Slipbase)	2.000 EACH	500.00000	1,000.00	845.00000	1,690.00	1,010.16000	2,020.32
620-00020	Sanitary Facility	1.000 EACH	1,500.00000	1,500.00	1,289.00000	1,289.00	2,201.50000	2,201.50
625-00001	Construction Surveying (Hourly)	12.000 HOUR	200.00000	2,400.00	225.00000	2,700.00	384.75000	4,617.00
626-00000	Mobilization	1.000 L S	40,000.00000	40,000.00	48,000.00000	48,000.00	54,728.73000	54,728.73
626-01114	Public Information Management (Tier IV)	30.000 DAY	150.00000	4,500.00	50.00000	1,500.00	84.65000	2,539.50
630-00000	Flagging	8.000 HOUR	35.00000	280.00	30.00000	240.00	45.60000	364.80
630-00007	Traffic Control Inspection	15.000 DAY	250.00000	3,750.00	100.00000	1,500.00	322.57000	4,838.55
630-00012	Traffic Control Management	30.000 DAY	1,500.00000	45,000.00	300.00000	9,000.00	1,048.36000	31,450.80
630-80335	Barricade (Type 3 M-A) (Temporary)	2.000 EACH	200.00000	400.00	50.00000	100.00	80.64000	161.28
630-80341	Construction Traffic Sign (Panel Size A)	10.000 EACH	80.00000	800.00	30.00000	300.00	40.32000	403.20
630-80342	Construction Traffic Sign (Panel Size B)	26.000 EACH	120.00000	3,120.00	50.00000	1,300.00	80.64000	2,096.64
630-80355	Portable Message Sign Panel	2.000 EACH	7,000.00000	14,000.00	1,000.00000	2,000.00	2,850.00000	5,700.00
630-80357	Advance Warning Flashing or Sequencing Arrow Panel (B Type)	1.000 EACH	2,000.00000	2,000.00	100.00000	100.00	1,824.00000	1,824.00
630-80360	Drum Channelizing Device	50.000 EACH	45.00000	2,250.00	30.00000	1,500.00	40.32000	2,016.00
630-80380	Traffic Cone	100.000 EACH	12.00000	1,200.00	3.00000	300.00	9.68000	968.00

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Item Code	Description	Quantity	(0) -EST- Engineer's Estimate		(1) 1174A HAMILTON CONSTRUCTION CO.		(2) 1086A STRUCTURES, INC.	
			Unit Price	Amount	Unit Price	Amount	Unit Price	Amount
SECTION:	0001	BID ITEMS						
						LCC:		
630-80393	Stackable Vertical Panels	50.000 EACH	27.00000	1,350.00	20.00000	1,000.00	24.19000	1,209.50
630-85041	Mobile Attenuator	20.000 DAY	500.00000	10,000.00	250.00000	5,000.00	655.50000	13,110.00
641-11000	Shotcrete (Class A)	115.000 CY	700.00000	80,500.00	560.00000	64,400.00	1,120.55000	128,863.25
Section Totals:				\$379,708.00		\$481,505.85		\$641,897.31
Contract Grand Totals				\$379,708.00		\$481,505.85		\$641,897.31

Tabulation of Bids

Contract ID: C21232

				(3) 884A HAMON INFRASTRUCTURE, INC.					
Item Code	Description	Quantity		Unit Price	Amount	Unit Price	Amount	Unit Price	Amount
SECTION:	0001	BID ITEMS							
						LCC:			
202-04002	Clean Culvert	1.000	EACH	3,000.00000	3,000.00				
202-04010	Clean Inlet	3.000	EACH	1,800.00000	5,400.00				
203-01594	Combination Loader	12.000	HOUR	180.00000	2,160.00				
206-00000	Structure Excavation	50.000	CY	600.00000	30,000.00				
208-00013	Erosion Log Type 1 (20 Inch)	100.000	LF	30.00000	3,000.00				
208-00046	Pre-fabricated Concrete Washout Structure (Type 1)	1.000	EACH	7,000.00000	7,000.00				
208-00051	Storm Drain Inlet Protection (Type I)	40.000	LF	20.00000	800.00				
208-00052	Storm Drain Inlet Protection (Type II)	20.000	LF	75.00000	1,500.00				
208-00070	Vehicle Tracking Pad	1.000	EACH	3,200.00000	3,200.00				
208-00071	Maintenance Aggregate (Vehicle Tracking Pad)	20.000	CY	130.00000	2,600.00				
208-00103	Removal and Disposal of Sediment (Labor)	4.000	HOUR	85.00000	340.00				
208-00105	Removal and Disposal of Sediment (Equipment)	4.000	HOUR	250.00000	1,000.00				
208-00106	Sweeping (Sediment Removal)	8.000	HOUR	450.00000	3,600.00				
208-00107	Removal of Trash	8.000	HOUR	100.00000	800.00				
208-00207	Erosion Control Management	20.000	DAY	200.00000	4,000.00				

Tabulation of Bids

Contract ID: C21232

				(3) 884A HAMON INFRASTRUCTURE, INC.					
Item Code	Description	Quantity		Unit Price	Amount	Unit Price	Amount	Unit Price	Amount
SECTION:	0001	BID ITEMS				LCC:			
208-00520	Temporary Stream Crossing	1.000	L S	75,000.00000	75,000.00				
210-00810	Reset Ground Sign	2.000	EACH	250.00000	500.00				
210-01180	Reset Guardrail (Special)	200.000	LF	67.00000	13,400.00				
212-00006	Seeding (Native)	0.150	ACRE	1,368.00000	205.20				
212-00032	Soil Conditioning	0.150	ACRE	3,900.00000	585.00				
213-00061	Mulch Tackifier	300.000	LB	1.17000	351.00				
213-00150	Bonded Fiber Matrix	0.150	ACRE	3,515.00000	527.25				
214-00000	Landscape Maintenance	1.000	L S	10,000.00000	10,000.00				
250-00110	Health and Safety Officer	12.000	HOUR	109.00000	1,308.00				
502-11284	Steel Piling (HP 12x84)	209.000	LF	260.00000	54,340.00				
503-00030	Drilled Shaft (30 Inch)	99.000	LF	1,900.00000	188,100.00				
506-00030	Grouted Riprap	50.000	CY	470.00000	23,500.00				
601-40300	Structural Concrete Coating	111.000	SY	22.50000	2,497.50				
602-00020	Reinforcing Steel (Epoxy Coated)	6,080.000	LB	3.00000	18,240.00				
607-11525	Fence (Plastic)	100.000	LF	25.00000	2,500.00				

Tabulation of Bids

Contract ID: C21232

				(3) 884A HAMON INFRASTRUCTURE, INC.					
Item Code	Description	Quantity		Unit Price	Amount	Unit Price	Amount	Unit Price	Amount
SECTION:	0001	BID ITEMS		LCC:					
614-01583	Steel Sign Support (2-1/2 In Round Sch 80) (Post & Slipbase)	2.000	EACH	600.00000	1,200.00				
620-00020	Sanitary Facility	1.000	EACH	1,500.00000	1,500.00				
625-00001	Construction Surveying (Hourly)	12.000	HOUR	350.00000	4,200.00				
626-00000	Mobilization	1.000	L S	73,411.05000	73,411.05				
626-01114	Public Information Management (Tier IV)	30.000	DAY	100.00000	3,000.00				
630-00000	Flagging	8.000	HOUR	50.00000	400.00				
630-00007	Traffic Control Inspection	15.000	DAY	185.00000	2,775.00				
630-00012	Traffic Control Management	30.000	DAY	700.00000	21,000.00				
630-80335	Barricade (Type 3 M-A) (Temporary)	2.000	EACH	180.00000	360.00				
630-80341	Construction Traffic Sign (Panel Size A)	10.000	EACH	150.00000	1,500.00				
630-80342	Construction Traffic Sign (Panel Size B)	26.000	EACH	200.00000	5,200.00				
630-80355	Portable Message Sign Panel	2.000	EACH	7,000.00000	14,000.00				
630-80357	Advance Warning Flashing or Sequencing Arrow Panel (B Type)	1.000	EACH	2,700.00000	2,700.00				
630-80360	Drum Channelizing Device	50.000	EACH	80.00000	4,000.00				
630-80380	Traffic Cone	100.000	EACH	36.00000	3,600.00				

Tabulation of Bids

Contract ID: C21232

				(3) 884A HAMON INFRASTRUCTURE, INC.					
Item Code	Description	Quantity		Unit Price	Amount	Unit Price	Amount	Unit Price	Amount
SECTION:	0001	BID ITEMS					LCC:		
630-80393	Stackable Vertical Panels	50.000	EACH	54.00000	2,700.00				
630-85041	Mobile Attenuator	20.000	DAY	1,100.00000	22,000.00				
641-11000	Shotcrete (Class A)	115.000	CY	600.00000	69,000.00				
Section Totals:					\$692,000.00				
Contract Grand Totals					\$692,000.00				

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Low Bid Item Analysis

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Contract ID: C21232

Line	Item/Description	Quantity	Estimated Price	Bid Price/Units	Estimated Amount	Bid Amount	Bid Est %	Overrun (+) Underrun (-)
SECTION:	0001	BID ITEMS						
0005	202-04002 Clean Culvert	1.000	2,500.00000	2,250.00000 EACH	2,500.00	2,250.00	90.00%	-250.00
0010	202-04010 Clean Inlet	3.000	1,000.00000	1,252.00000 EACH	3,000.00	3,756.00	125.20%	756.00
0015	203-01594 Combination Loader	12.000	145.00000	131.00000 HOUR	1,740.00	1,572.00	90.34%	-168.00
0020	206-00000 Structure Excavation	50.000	25.00000	450.00000 CY	1,250.00	22,500.00	1800.00%	21,250.00
0025	208-00013 Erosion Log Type 1 (20 Inch)	100.000	7.00000	17.00000 LF	700.00	1,700.00	242.86%	1,000.00
0030	208-00046 Pre-fabricated Concrete Washout Structure (Type 1)	1.000	2,500.00000	4,502.00000 EACH	2,500.00	4,502.00	180.08%	2,002.00
0035	208-00051 Storm Drain Inlet Protection (Type I)	40.000	15.00000	12.00000 LF	600.00	480.00	80.00%	-120.00
0040	208-00052 Storm Drain Inlet Protection (Type II)	20.000	50.00000	80.00000 LF	1,000.00	1,600.00	160.00%	600.00
0045	208-00070 Vehicle Tracking Pad	1.000	3,000.00000	2,350.00000 EACH	3,000.00	2,350.00	78.33%	-650.00
0050	208-00071 Maintenance Aggregate (Vehicle Tracking Pad)	20.000	59.00000	56.00000 CY	1,180.00	1,120.00	94.92%	-60.00
0055	208-00103 Removal and Disposal of Sediment (Labor)	4.000	70.00000	58.00000 HOUR	280.00	232.00	82.86%	-48.00
0060	208-00105 Removal and Disposal of Sediment (Equipment)	4.000	120.00000	85.00000 HOUR	480.00	340.00	70.83%	-140.00

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Low Bid Item Analysis

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Contract ID: C21232

Line	Item/Description	Quantity	Estimated Price	Bid Price/Units	Estimated Amount	Bid Amount	Bid Est %	Overrun (+) Underrun (-)
SECTION:	0001	BID ITEMS						
0065	208-00106 Sweeping (Sediment Removal)	8.000	160.00000	175.00000 HOUR	1,280.00	1,400.00	109.38%	120.00
0070	208-00107 Removal of Trash	8.000	100.00000	45.00000 HOUR	800.00	360.00	45.00%	-440.00
0075	208-00207 Erosion Control Management	20.000	250.00000	50.00000 DAY	5,000.00	1,000.00	20.00%	-4,000.00
0080	208-00520 Temporary Stream Crossing	1.000	25,000.00000	90,000.00000 L S	25,000.00	90,000.00	360.00%	65,000.00
0085	210-00810 Reset Ground Sign	2.000	450.00000	567.00000 EACH	900.00	1,134.00	126.00%	234.00
0090	210-01180 Reset Guardrail (Special)	200.000	25.00000	55.00000 LF	5,000.00	11,000.00	220.00%	6,000.00
0095	212-00006 Seeding (Native)	0.150	2,500.00000	5,333.00000 ACRE	375.00	799.95	213.32%	424.95
0100	212-00032 Soil Conditioning	0.150	5,000.00000	6,000.00000 ACRE	750.00	900.00	120.00%	150.00
0105	213-00061 Mulch Tackifier	300.000	5.00000	3.00000 LB	1,500.00	900.00	60.00%	-600.00
0110	213-00150 Bonded Fiber Matrix	0.150	5,000.00000	6,666.00000 ACRE	750.00	999.90	133.32%	249.90
0115	214-00000 Landscape Maintenance	1.000	6,000.00000	2,733.00000 L S	6,000.00	2,733.00	45.55%	-3,267.00
0120	250-00110 Health and Safety Officer	12.000	120.00000	85.00000 HOUR	1,440.00	1,020.00	70.83%	-420.00

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Contract ID: C21232

Line	Item/Description	Quantity	Estimated Price	Bid Price/Units	Estimated Amount	Bid Amount	Bid Est %	Overrun (+) Underrun (-)
SECTION:	0001	BID ITEMS						
0125	502-11284 Steel Piling (HP 12x84)	209.000	120.00000	170.00000 LF	25,080.00	35,530.00	141.67%	10,450.00
0130	503-00030 Drilled Shaft (30 Inch)	99.000	450.00000	800.00000 LF	44,550.00	79,200.00	177.78%	34,650.00
0135	506-00030 Grouted Riprap	50.000	300.00000	499.00000 CY	15,000.00	24,950.00	166.33%	9,950.00
0140	601-40300 Structural Concrete Coating	111.000	13.00000	18.00000 SY	1,443.00	1,998.00	138.46%	555.00
0145	602-00020 Reinforcing Steel (Epoxy Coated)	6,080.000	2.00000	7.00000 LB	12,160.00	42,560.00	350.00%	30,400.00
0150	607-11525 Fence (Plastic)	100.000	4.00000	7.00000 LF	400.00	700.00	175.00%	300.00
0155	614-01583 Steel Sign Support (2-1/2 In Round Sch 80) (Post & Slipbase)	2.000	500.00000	845.00000 EACH	1,000.00	1,690.00	169.00%	690.00
0160	620-00020 Sanitary Facility	1.000	1,500.00000	1,289.00000 EACH	1,500.00	1,289.00	85.93%	-211.00
0165	625-00001 Construction Surveying (Hourly)	12.000	200.00000	225.00000 HOUR	2,400.00	2,700.00	112.50%	300.00
0170	626-00000 Mobilization	1.000	40,000.00000	48,000.00000 L S	40,000.00	48,000.00	120.00%	8,000.00
0175	626-01114 Public Information Management (Tier IV)	30.000	150.00000	50.00000 DAY	4,500.00	1,500.00	33.33%	-3,000.00
0180	630-00000 Flagging	8.000	35.00000	30.00000 HOUR	280.00	240.00	85.71%	-40.00

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Line	Item/Description	Quantity	Estimated Price	Bid Price/Units	Estimated Amount	Bid Amount	Bid Est %	Overrun (+) Underrun (-)
SECTION:	0001	BID ITEMS						
0185	630-00007 Traffic Control Inspection	15.000	250.00000	100.00000 DAY	3,750.00	1,500.00	40.00%	-2,250.00
0190	630-00012 Traffic Control Management	30.000	1,500.00000	300.00000 DAY	45,000.00	9,000.00	20.00%	-36,000.00
0195	630-80335 Barricade (Type 3 M-A) (Temporary)	2.000	200.00000	50.00000 EACH	400.00	100.00	25.00%	-300.00
0200	630-80341 Construction Traffic Sign (Panel Size A)	10.000	80.00000	30.00000 EACH	800.00	300.00	37.50%	-500.00
0205	630-80342 Construction Traffic Sign (Panel Size B)	26.000	120.00000	50.00000 EACH	3,120.00	1,300.00	41.67%	-1,820.00
0210	630-80355 Portable Message Sign Panel	2.000	7,000.00000	1,000.00000 EACH	14,000.00	2,000.00	14.29%	-12,000.00
0215	630-80357 Advance Warning Flashing or Sequencing Arrow Panel (B Type)	1.000	2,000.00000	100.00000 EACH	2,000.00	100.00	5.00%	-1,900.00
0220	630-80360 Drum Channelizing Device	50.000	45.00000	30.00000 EACH	2,250.00	1,500.00	66.67%	-750.00
0225	630-80380 Traffic Cone	100.000	12.00000	3.00000 EACH	1,200.00	300.00	25.00%	-900.00
0230	630-80393 Stackable Vertical Panels	50.000	27.00000	20.00000 EACH	1,350.00	1,000.00	74.07%	-350.00
0235	630-85041 Mobile Attenuator	20.000	500.00000	250.00000 DAY	10,000.00	5,000.00	50.00%	-5,000.00
0240	641-11000 Shotcrete (Class A)	115.000	700.00000	560.00000 CY	80,500.00	64,400.00	80.00%	-16,100.00

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Line	Item/Description	Quantity	Estimated Price	Bid Price/Units	Estimated Amount	Bid Amount	Bid Est %	Overrun (+) Underrun (-)
Section 0001 Subtotal					\$379,708.00	\$481,505.85	126.81%	\$101,797.85
Contract Total for Calculated Low Bidders Bid Items					\$379,708.00	\$481,505.85	126.81%	\$101,797.85