

Colorado Department Of Transportation

Printed On: 12/12/2019

Low Bid Summary

Page 1 of 1

Letting Date: July 20, 2018

Call Order	Contract ID	Project(s)	# of Bids	Low Bidder	Estimated Cost	Corrected Bid	Percent of Estimate	Overrun (+) Underrun (-)
001	C22589	C0252-475	1	KRAEMER NORTH AMERICA, LLC	\$57,727,234.71	\$57,727,234.71	100.00%	\$0.00
Letting Totals			1		\$57,727,234.71	\$57,727,234.71	100.00%	\$0.00

Colorado Department Of Transportation

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Vendor Ranking

Page 1 of 1

Contract Description:

Contract ID: C22589

I-25 South Gap: Castle Rock to Monument, Package 1. Package 1 improvements are from MP 174 to MP 181 and includes widening to the median to increase capacity in both directions. Work will include construction of embankment fill, roadway sections, asphalt grinding and paving, drainage improvements, median walls, concrete median, ITS infrastructure, and roadside improvements."

Rank	Vendor ID	Vendor Name	Total Bid	Percent Of Low Bid	Percent Of Estimate
1	1581	KRAEMER NORTH AMERICA, LLC	\$57,727,234.71	100.00%	100.00%
0	-EST-	Engineer's Estimate	\$57,727,234.71	100.00%	100.00%

Tabulation of Bids

Contract ID: C22589

Item Code	Description	Quantity	(0) -EST- Engineer's Estimate		(1) 1581 KRAEMER NORTH AMERICA, LLC		Unit Price	Amount
			Unit Price	Amount	Unit Price	Amount		
<b>SECTION:</b>	0001 BID ITEMS							<b>LCC:</b>
201-00000	Clearing and Grubbing	1.000 L S	137,445.00000	137,445.00	137,445.00000	137,445.00		
202-00010	Removal of Tree	50.000 EACH	435.75000	21,787.50	435.75000	21,787.50		
202-00015	Removal of Headwall	8.000 EACH	1,008.00000	8,064.00	1,008.00000	8,064.00		
202-00019	Removal of Inlet	38.000 EACH	987.00000	37,506.00	987.00000	37,506.00		
202-00021	Removal of Manhole	10.000 EACH	2,336.51000	23,365.10	2,336.51000	23,365.10		
202-00023	Removal of Embankment Protector Type 3	1.000 EACH	609.00000	609.00	609.00000	609.00		
202-00026	Removal of Slope and Ditch Paving	18.000 SY	33.60000	604.80	33.60000	604.80		
202-00027	Removal of Riprap	160.000 SY	14.70000	2,352.00	14.70000	2,352.00		
202-00035	Removal of Pipe	3,362.000 LF	26.25000	88,252.50	26.25000	88,252.50		
202-00037	Removal of End Section	13.000 EACH	264.60000	3,439.80	264.60000	3,439.80		
202-00090	Removal of Delineator	92.000 EACH	3.20000	294.40	3.20000	294.40		
202-00120	Removal of Concrete Box Culvert	859.000 LF	32.55000	27,960.45	32.55000	27,960.45		
202-00210	Removal of Concrete Pavement	1,980.000 SY	14.70000	29,106.00	14.70000	29,106.00		
202-00220	Removal of Asphalt Mat	9,162.000 SY	11.42000	104,630.04	11.42000	104,630.04		
202-00240	Removal of Asphalt Mat (Planing)	136,382.000 SY	1.69000	230,485.58	1.69000	230,485.58		
202-00246	Removal of Asphalt Mat (Planing) (Special)	2,785.000 SY	8.43000	23,477.55	8.43000	23,477.55		

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<b>SECTION:</b>	0001 BID ITEMS							
								<b>LCC:</b>
202-00248	Removal of Rumble Strips	56,000.000 LF	2.74000	153,440.00	2.74000	153,440.00		
202-00250	Removal of Pavement Marking	99,094.000 SF	1.41000	139,722.54	1.41000	139,722.54		
202-00810	Removal of Ground Sign	9.000 EACH	90.60000	815.40	90.60000	815.40		
202-00815	Removal of Sign (Special)	1.000 EACH	5,292.42000	5,292.42	5,292.42000	5,292.42		
202-00827	Removal of Pull Box	2.000 EACH	233.33000	466.66	233.33000	466.66		
202-01130	Removal of Guardrail Type 3	722.000 LF	6.73000	4,859.06	6.73000	4,859.06		
202-01200	Removal of Tensioned Cable Barrier	29,070.000 LF	3.36000	97,675.20	3.36000	97,675.20		
202-01300	Removal of End Anchorage	2.000 EACH	868.64000	1,737.28	868.64000	1,737.28		
202-04008	Clean Culvert 18" -24" PIPE	3,369.000 LF	17.85000	60,136.65	17.85000	60,136.65		
202-04008	Clean Culvert 25"-48" PIPE & 4'x4' or SMALLER CBC	1,058.000 LF	25.20000	26,661.60	25.20000	26,661.60		
202-04008	Clean Culvert CONCRETE BOX CULVERT LARGER THAN 4'x4'	2,336.000 LF	39.90000	93,206.40	39.90000	93,206.40		
202-05030	Sawing Asphalt Material (10 Inch)	52,500.000 LF	3.31000	173,775.00	3.31000	173,775.00		
203-00040	Unclassified Excavation (Special)	30,769.000 CY	12.39000	381,227.91	12.39000	381,227.91		
203-00050	Unsuitable Material	2,500.000 CY	34.86000	87,150.00	34.86000	87,150.00		
203-00060	Embankment Material (Complete In Place)	44,456.000 CY	11.15000	495,684.40	11.15000	495,684.40		

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<b>SECTION:</b>	0001	BID ITEMS						
								<b>LCC:</b>
203-00062	Embankment Material (Complete In Place) (Special)	108,944.000 CY	19.60000	2,135,302.40	19.60000	2,135,302.40		
203-00210	Borrow (Complete In Place)	39,933.000 CY	19.86000	793,069.38	19.86000	793,069.38		
203-01100	Proof Rolling	200.000 HOUR	152.25000	30,450.00	152.25000	30,450.00		
203-01510	Backhoe	100.000 HOUR	199.50000	19,950.00	199.50000	19,950.00		
203-01597	Potholing	600.000 HOUR	272.32000	163,392.00	272.32000	163,392.00		
203-02330	Laborer	100.000 HOUR	48.62000	4,862.00	48.62000	4,862.00		
206-00000	Structure Excavation	5,751.000 CY	14.70000	84,539.70	14.70000	84,539.70		
206-00100	Structure Backfill (Class 1)	9,123.000 CY	36.07000	329,066.61	36.07000	329,066.61		
206-00360	Mechanical Reinforcement of Soil	5,648.000 CY	24.11000	136,173.28	24.11000	136,173.28		
207-00210	Stockpile Topsoil	17,167.000 CY	10.45000	179,395.15	10.45000	179,395.15		
208-00002	Erosion Log Type 1 (12 Inch)	30,000.000 LF	3.63000	108,900.00	3.63000	108,900.00		
208-00013	Erosion Log Type 1 (20 Inch)	38,000.000 LF	6.54000	248,520.00	6.54000	248,520.00		
208-00021	Silt Fence (Reinforced)	32,000.000 LF	3.15000	100,800.00	3.15000	100,800.00		
208-00033	Sediment Trap	3.000 EACH	1,050.00000	3,150.00	1,050.00000	3,150.00		
208-00035	Aggregate Bag	6,600.000 LF	4.82000	31,812.00	4.82000	31,812.00		

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<b>SECTION:</b>	0001	BID ITEMS						<b>LCC:</b>
208-00041	Rock Check Dam	18.000 EACH	735.00000	13,230.00	735.00000	13,230.00		
208-00045	Concrete Washout Structure	2.000 EACH	3,150.00000	6,300.00	3,150.00000	6,300.00		
208-00046	Pre-fabricated Concrete Washout Structure (Type 1)	10.000 EACH	3,166.86000	31,668.60	3,166.86000	31,668.60		
208-00060	Temporary Slope Drain	460.000 LF	42.00000	19,320.00	42.00000	19,320.00		
208-00070	Vehicle Tracking Pad	10.000 EACH	3,255.00000	32,550.00	3,255.00000	32,550.00		
208-00075	Pre-fabricated Vehicle Tracking Pad	10.000 EACH	17,956.89000	179,568.90	17,956.89000	179,568.90		
208-00103	Removal and Disposal of Sediment (Labor)	300.000 HOUR	48.62000	14,586.00	48.62000	14,586.00		
208-00105	Removal and Disposal of Sediment (Equipment)	300.000 HOUR	96.16000	28,848.00	96.16000	28,848.00		
208-00106	Sweeping (Sediment Removal)	2,250.000 HOUR	166.70000	375,075.00	166.70000	375,075.00		
208-00200	Erosion Control Management	1.000 L S	840,611.70000	840,611.70	840,611.70000	840,611.70		
208-00300	Temporary Berms	8,500.000 LF	3.36000	28,560.00	3.36000	28,560.00		
210-00473	Reset TV Cameras	1.000 EACH	5,828.04000	5,828.04	5,828.04000	5,828.04		
210-00816	Reset Sign Panel (Special)	1.000 EACH	2,625.00000	2,625.00	2,625.00000	2,625.00		
210-00820	Reset Variable Message Sign	1.000 EACH	35,159.09000	35,159.09	35,159.09000	35,159.09		
210-00847	Reset Travel Time Indicator	3.000 EACH	4,604.09000	13,812.27	4,604.09000	13,812.27		

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210-04020	Modify Inlet	10.000 EACH	2,625.00000	26,250.00	2,625.00000	26,250.00		
212-00006	Seeding (Native)	24.000 ACRE	698.58000	16,765.92	698.58000	16,765.92		
212-00009	Seeding (Temporary)	20.000 ACRE	423.21000	8,464.20	423.21000	8,464.20		
212-00032	Soil Conditioning	24.000 ACRE	2,464.29000	59,142.96	2,464.29000	59,142.96		
213-00004	Mulching (Weed Free Straw)	24.000 ACRE	542.15000	13,011.60	542.15000	13,011.60		
213-00061	Mulch Tackifier	4,800.000 LB	2.11000	10,128.00	2.11000	10,128.00		
213-00150	Bonded Fiber Matrix	34.000 ACRE	2,775.00000	94,350.00	2,775.00000	94,350.00		
214-00003	Landscape Maintenance (2020)	1.000 L S	31,607.14000	31,607.14	31,607.14000	31,607.14		
216-00201	Soil Retention Blanket (Straw-Coconut) (Biodegradable Class 1)	43,100.000 SY	1.94000	83,614.00	1.94000	83,614.00		
216-00302	Turf Reinforcement Mat (Class 2)	10,860.000 SY	4.87000	52,888.20	4.87000	52,888.20		
217-00020	Herbicide Treatment	160.000 HOUR	267.86000	42,857.60	267.86000	42,857.60		
240-00000	Wildlife Biologist	50.000 HOUR	139.28000	6,964.00	139.28000	6,964.00		
240-00010	Removal of Nests	200.000 HOUR	78.21000	15,642.00	78.21000	15,642.00		
240-00020	Netting	1,500.000 SY	10.12000	15,180.00	10.12000	15,180.00		
304-06007	Aggregate Base Course (Class 6)	26,487.000 CY	50.04000	1,325,409. 48	50.04000	1,325,409. 48		

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304-09000	Aggregate Base Course (Special)	1,500.000 CY	70.35000	105,525.00	70.35000	105,525.00		
403-00720	Hot Mix Asphalt (Patching) (Asphalt)	2,707.000 TON	141.49000	383,013.43	141.49000	383,013.43		
403-09210	Stone Matrix Asphalt	42,853.000 TON	101.12000	4,333,295.36	101.12000	4,333,295.36		
403-33841	Hot Mix Asphalt (Grading S) (100) (PG 64-22)	90,192.000 TON	67.45000	6,083,450.40	67.45000	6,083,450.40		
403-34841	Hot Mix Asphalt (Grading SX) (100) (PG 64-22)	24,497.000 TON	67.98000	1,665,306.06	67.98000	1,665,306.06		
411-10255	Emulsified Asphalt (Slow-Setting)	45,380.000 GAL	2.53000	114,811.40	2.53000	114,811.40		
412-00190	Concrete Pavement (Patching)	1,959.000 SY	114.08000	223,482.72	114.08000	223,482.72		
420-00000	Geomembrane	5,155.000 SY	10.98000	56,601.90	10.98000	56,601.90		
420-00300	Geotextile (Reinforcement)	1,500.000 SY	5.78000	8,670.00	5.78000	8,670.00		
503-00018	Drilled Shaft (18 Inch)	5.000 LF	362.72000	1,813.60	362.72000	1,813.60		
503-00036	Drilled Shaft (36 Inch)	36.000 LF	396.67000	14,280.12	396.67000	14,280.12		
503-00048	Drilled Shaft (48 Inch)	88.000 LF	558.94000	49,186.72	558.94000	49,186.72		
504-04420	Precast Panel Facing	15,463.000 SF	18.20000	281,426.60	18.20000	281,426.60		
506-00212	Riprap (12 Inch)	198.000 CY	129.15000	25,571.70	129.15000	25,571.70		
506-00412	Soil Riprap (12 Inch)	66.000 CY	157.50000	10,395.00	157.50000	10,395.00		



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515-00400	Concrete Sealer SURCHARGE MATERIAL	3,924.000 SY	16.39000	64,314.36	16.39000	64,314.36		
601-01000	Concrete Class B	50.000 CY	1,260.00000	63,000.00	1,260.00000	63,000.00		
601-03050	Concrete Class D (Wall)	977.000 CY	562.36000	549,425.72	562.36000	549,425.72		
602-00000	Reinforcing Steel	8,012.000 LB	0.91000	7,290.92	0.91000	7,290.92		
602-00020	Reinforcing Steel (Epoxy Coated)	135,950.000 LB	1.04000	141,388.00	1.04000	141,388.00		
603-01185	18 Inch Reinforced Concrete Pipe (Complete In Place)	13,776.000 LF	89.78000	1,236,809. 28	89.78000	1,236,809. 28		
603-01245	24 Inch Reinforced Concrete Pipe (Complete In Place)	22.000 LF	372.75000	8,200.50	372.75000	8,200.50		
603-01365	36 Inch Reinforced Concrete Pipe (Complete In Place)	2,992.000 LF	249.48000	746,444.16	249.48000	746,444.16		
603-01425	42 Inch Reinforced Concrete Pipe (Complete In Place)	702.000 LF	331.80000	232,923.60	331.80000	232,923.60		
603-01485	48 Inch Reinforced Concrete Pipe (Complete In Place)	1,686.000 LF	267.37000	450,785.82	267.37000	450,785.82		
603-02425	53x34 Inch Reinforced Concrete Pipe Elliptical (Complete In Place)	147.000 LF	324.45000	47,694.15	324.45000	47,694.15		
603-05018	18 Inch Reinforced Concrete End Section	15.000 EACH	997.50000	14,962.50	997.50000	14,962.50		
603-05036	36 Inch Reinforced Concrete End Section	14.000 EACH	1,627.50000	22,785.00	1,627.50000	22,785.00		
603-05042	42 Inch Reinforced Concrete End Section	3.000 EACH	1,785.00000	5,355.00	1,785.00000	5,355.00		

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<b>SECTION:</b>	0001	BID ITEMS						<b>LCC:</b>
603-05142	53x34 Inch Reinforced Concrete End Section Elliptical	1.000 EACH	2,415.00000	2,415.00	2,415.00000	2,415.00		
604-00305	Inlet Type C (5 Foot)	2.000 EACH	3,675.00000	7,350.00	3,675.00000	7,350.00		
604-00505	Inlet Type D (5 Foot)	8.000 EACH	4,935.00000	39,480.00	4,935.00000	39,480.00		
604-00510	Inlet Type D (10 Foot)	11.000 EACH	6,930.00000	76,230.00	6,930.00000	76,230.00		
604-00515	Inlet Type D (15 Foot)	3.000 EACH	8,085.00000	24,255.00	8,085.00000	24,255.00		
604-25005	Vane Grate Inlet (5 Foot)	46.000 EACH	6,695.12000	307,975.52	6,695.12000	307,975.52		
604-25010	Vane Grate Inlet (10 Foot)	44.000 EACH	8,273.96000	364,054.24	8,273.96000	364,054.24		
604-25015	Vane Grate Inlet (15 Foot)	3.000 EACH	9,023.50000	27,070.50	9,023.50000	27,070.50		
604-26005	Vane Grate Inlet (Double) (5 Foot)	11.000 EACH	8,612.17000	94,733.87	8,612.17000	94,733.87		
604-26010	Vane Grate Inlet (Double) (10 Foot)	3.000 EACH	12,628.16000	37,884.48	12,628.16000	37,884.48		
604-26015	Vane Grate Inlet (Double) (15 Foot)	3.000 EACH	13,215.50000	39,646.50	13,215.50000	39,646.50		
604-30005	Manhole Slab Base (5 Foot)	2.000 EACH	3,255.00000	6,510.00	3,255.00000	6,510.00		
604-30010	Manhole Slab Base (10 Foot)	2.000 EACH	5,145.00000	10,290.00	5,145.00000	10,290.00		
604-30015	Manhole Slab Base (15 Foot)	6.000 EACH	6,615.00000	39,690.00	6,615.00000	39,690.00		
604-30020	Manhole Slab Base (20 Foot)	2.000 EACH	7,875.00000	15,750.00	7,875.00000	15,750.00		

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604-31000	Manhole Box Base (Special)	8.000 EACH	15,519.30000	124,154.40	15,519.30000	124,154.40		
604-39000	Manhole Special	2.000 EACH	17,850.00000	35,700.00	17,850.00000	35,700.00		
604-39050	Manhole (Traffic Management System)	24.000 EACH	8,912.27000	213,894.48	8,912.27000	213,894.48		
606-00705	Guardrail Type 7 (Special)	690.000 LF	186.25000	128,512.50	186.25000	128,512.50		
606-00731	Guardrail Type 7 (Style CD) (Special)	2,165.000 LF	81.38000	176,187.70	81.38000	176,187.70		
606-00741	Guardrail Type 7 (Style CE) (Special)	23,170.000 LF	117.67000	2,726,413.90	117.67000	2,726,413.90		
606-10700	Bridge Rail Type 7	2,450.000 LF	84.81000	207,784.50	84.81000	207,784.50		
606-21010	End Anchorage (Tensioned Cable Barrier)	14.000 EACH	9,046.97000	126,657.58	9,046.97000	126,657.58		
607-11525	Fence (Plastic)	6,500.000 LF	1.61000	10,465.00	1.61000	10,465.00		
612-00022	Delineator (Type II) (Barrier)	197.000 EACH	61.82000	12,178.54	61.82000	12,178.54		
612-00023	Delineator (Type III) (Barrier)	4.000 EACH	66.10000	264.40	66.10000	264.40		
612-00260	Location Marker (Fiber Optic)(Dome)	56.000 EACH	171.82000	9,621.92	171.82000	9,621.92		
612-00270	Location Marker (Utility)(Flat Slat)	7.000 EACH	76.37000	534.59	76.37000	534.59		
613-00206	2 Inch Electrical Conduit (Bored)	3,730.000 LF	14.01000	52,257.30	14.01000	52,257.30		
613-00306	3 Inch Electrical Conduit (Bored)	750.000 LF	22.55000	16,912.50	22.55000	16,912.50		

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613-01100	1 Inch Electrical Conduit (Plastic)	430.000 LF	20.39000	8,767.70	20.39000	8,767.70		
613-01200	2 Inch Electrical Conduit (Plastic)	4,845.000 LF	12.67000	61,386.15	12.67000	61,386.15		
613-01300	3 Inch Electrical Conduit (Plastic)	1,920.000 LF	19.26000	36,979.20	19.26000	36,979.20		
613-03491	Electrical Conduit (Plastic)(Multiduct)	42,210.000 LF	22.77000	961,121.70	22.77000	961,121.70		
613-03492	Electrical Conduit (Plastic)(Multiduct)(Bored)	9,810.000 LF	32.34000	317,255.40	32.34000	317,255.40		
613-07011	Pull Box (11"x18"x12")	7.000 EACH	1,235.61000	8,649.27	1,235.61000	8,649.27		
613-07023	Pull Box (24"x36"x24")	9.000 EACH	1,923.94000	17,315.46	1,923.94000	17,315.46		
613-07040	Pull Box (30"x48"x24")	23.000 EACH	2,667.42000	61,350.66	2,667.42000	61,350.66		
613-10000	Wiring	1.000 L S	61,940.46000	61,940.46	61,940.46000	61,940.46		
613-80130	Service Meter Cabinet	3.000 EACH	7,144.24000	21,432.72	7,144.24000	21,432.72		
614-00012	Sign Panel (Class II)	113.000 SF	19.72000	2,228.36	19.72000	2,228.36		
614-00041	Sign Post (Special)	14.000 EACH	426.39000	5,969.46	426.39000	5,969.46		
614-01582	Steel Sign Support (2-1/2 Inch Round)(Post and Slipbase)	40.000 LF	30.38000	1,215.20	30.38000	1,215.20		
614-01583	Steel Sign Support (2-1/2 In Round Sch 80) (Post & Slipbase)	12.000 EACH	426.39000	5,116.68	426.39000	5,116.68		
614-10113	Dynamic Message Sign (Color LED)(Overhead)(Furnish Only)	2.000 EACH	124,359.25000	248,718.50	124,359.25000	248,718.50		

Tabulation of Bids

Contract ID: C22589

Item Code	Description	Quantity	(0) -EST- Engineer's Estimate		(1) 1581 KRAEMER NORTH AMERICA, LLC		Unit Price	Amount
			Unit Price	Amount	Unit Price	Amount		
<b>SECTION:</b>	0001 BID ITEMS							<b>LCC:</b>
614-10123	Variable Message Sign (Install Only)	1.000 EACH	28,763.64000	28,763.64	28,763.64000	28,763.64		
614-10124	Variable Message Sign (Furnish Only)	3.000 EACH	94,931.67000	284,795.01	94,931.67000	284,795.01		
614-32400	Monotube Overhead Sign Cantilever (24 Inch Diameter)	1.000 EACH	50,323.63000	50,323.63	50,323.63000	50,323.63		
614-70024	1310nm SFP Optic Module	3.000 EACH	361.66000	1,084.98	361.66000	1,084.98		
614-70026	CWDM Multiplexor Demultiplexor Module	4.000 EACH	9,436.21000	37,744.84	9,436.21000	37,744.84		
614-70028	CWDM SFP Optic Module	34.000 EACH	1,020.31000	34,690.54	1,020.31000	34,690.54		
614-70030	Optical Attenuator	22.000 EACH	98.64000	2,170.08	98.64000	2,170.08		
614-70032	Optical Filter	64.000 EACH	1,281.21000	81,997.44	1,281.21000	81,997.44		
614-72830	Communications Cabinet	1.000 EACH	15,117.88000	15,117.88	15,117.88000	15,117.88		
614-72830	Communications Cabinet (TYPE 332)	1.000 EACH	14,528.18000	14,528.18	14,528.18000	14,528.18		
614-72832	Communications Cabinet (Type 2)	2.000 EACH	15,765.91000	31,531.82	15,765.91000	31,531.82		
614-80385	Rumble Strip	124,010.000 LF	0.14000	17,361.40	0.14000	17,361.40		
614-84100	Traffic Signal Pedestal Pole Aluminum	1.000 EACH	3,171.32000	3,171.32	3,171.32000	3,171.32		
614-85003	Impact Attenuator (Low Maintenance)	4.000 EACH	21,683.10000	86,732.40	21,683.10000	86,732.40		
614-86010	Dedicated Short Range Communications (DSRC) (Roadside Unit)	6.000 EACH	8,971.67000	53,830.02	8,971.67000	53,830.02		

Tabulation of Bids

Contract ID: C22589

Item Code	Description	Quantity	(0) -EST- Engineer's Estimate		(1) 1581 KRAEMER NORTH AMERICA, LLC		Unit Price	Amount
			Unit Price	Amount	Unit Price	Amount		
<b>SECTION:</b>	0001 BID ITEMS							<b>LCC:</b>
614-86800	Uninterrupted Power Supply	1.000 EACH	26,620.16000	26,620.16	26,620.16000	26,620.16		
614-87010	Fiber Optic Cable (Single Mode) (12 Fiber)	10,775.000 LF	3.63000	39,113.25	3.63000	39,113.25		
614-87015	Buffer Tube Fan Out Kit	3.000 EACH	746.67000	2,240.01	746.67000	2,240.01		
614-87024	Fiber Optic Termination Panel (24 Fiber)	3.000 EACH	1,397.88000	4,193.64	1,397.88000	4,193.64		
614-87320	Closed Circuit Television	2.000 EACH	13,456.97000	26,913.94	13,456.97000	26,913.94		
614-87350	Test Fiber Optic Cable	1.000 L S	34,524.85000	34,524.85	34,524.85000	34,524.85		
614-87364	Closed Circuit Television Pole with Lowering Device (50 Feet)	2.000 EACH	32,470.45000	64,940.90	32,470.45000	64,940.90		
614-87502	Fiber Optic Cable (S Mode)(168 S)	66,890.000 LF	5.39000	360,537.10	5.39000	360,537.10		
614-87691	Ethernet Switch Type I	1.000 EACH	4,545.75000	4,545.75	4,545.75000	4,545.75		
614-87692	Ethernet Switch Type II	2.000 EACH	4,000.61000	8,001.22	4,000.61000	8,001.22		
614-87698	Ethernet Aggregation Switch Type II	2.000 EACH	22,765.91000	45,531.82	22,765.91000	45,531.82		
620-00005	Field Office (Special)	1.000 EACH	1,506,057.35000	1,506,057.35	1,506,057.35000	1,506,057.35		
620-00012	Field Laboratory (Class 2)	1.000 EACH	109,345.39000	109,345.39	109,345.39000	109,345.39		
620-00020	Sanitary Facility	1.000 EACH	3,570.00000	3,570.00	3,570.00000	3,570.00		
621-00450	Detour Pavement	7,665.000 SY	64.64000	495,465.60	64.64000	495,465.60		

Tabulation of Bids

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Item Code	Description	Quantity	(0) -EST- Engineer's Estimate		(1) 1581 KRAEMER NORTH AMERICA, LLC		Unit Price	Amount
			Unit Price	Amount	Unit Price	Amount		
<b>SECTION:</b>	0001 BID ITEMS							<b>LCC:</b>
624-20300	Detour Drainage Pipe (Class 0)	4,675.000 LF	141.25000	660,343.75	141.25000	660,343.75		
625-00000	Construction Surveying	1.000 L S	461,475.00000	461,475.00	461,475.00000	461,475.00		
625-00001	Construction Surveying (Hourly)	300.000 HOUR	173.25000	51,975.00	173.25000	51,975.00		
625-00015	Settlement Instrumentation	1.000 L S	103,515.05000	103,515.05	103,515.05000	103,515.05		
626-00100	Mobilization (without Autopay)	1.000 L S	10,116,857. 72000	10,116, 857.72	10,116,857. 72000	10,116, 857.72		
626-01101	Public Information Services (Tier I)	1.000 L S	562,753.80000	562,753.80	562,753.80000	562,753.80		
627-00005	Epoxy Pavement Marking	1,736.000 GAL	90.68000	157,420.48	90.68000	157,420.48		
627-00013	Pavement Marking Paint (High Build)	9,026.000 GAL	30.23000	272,855.98	30.23000	272,855.98		
630-00000	Flagging	20,430.000 HOUR	25.45000	519,943.50	25.45000	519,943.50		
630-00003	Uniformed Traffic Control	10,215.000 HOUR	97.89000	999,946.35	97.89000	999,946.35		
630-00007	Traffic Control Inspection	132.000 DAY	106.06000	13,999.92	106.06000	13,999.92		
630-00017	Traffic Control Management (Special)	1,619.000 DAY	996.96000	1,614,078. 24	996.96000	1,614,078. 24		
630-00030	Courtesy Patrol	484.000 DAY	902.35000	436,737.40	902.35000	436,737.40		
630-00040	Traffic Incident Management Plan Development	1.000 L S	5,250.00000	5,250.00	5,250.00000	5,250.00		
630-00041	Traffic Incident Management Plan Implementation	36.000 MON	1,785.00000	64,260.00	1,785.00000	64,260.00		

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Item Code	Description	Quantity	(0) -EST- Engineer's Estimate		(1) 1581 KRAEMER NORTH AMERICA, LLC		Unit Price	Amount
			Unit Price	Amount	Unit Price	Amount		
<b>SECTION:</b>	0001	BID ITEMS						<b>LCC:</b>
630-80002	Flashing Beacon (Solar)	33.000 EACH	795.46000	26,250.18	795.46000	26,250.18		
630-80335	Barricade (Type 3 M-A) (Temporary)	30.000 EACH	138.65000	4,159.50	138.65000	4,159.50		
630-80341	Construction Traffic Sign (Panel Size A)	200.000 EACH	42.42000	8,484.00	42.42000	8,484.00		
630-80342	Construction Traffic Sign (Panel Size B)	200.000 EACH	79.55000	15,910.00	79.55000	15,910.00		
630-80343	Construction Traffic Sign (Panel Size C)	75.000 EACH	124.25000	9,318.75	124.25000	9,318.75		
630-80344	Construction Traffic Sign (Special)	450.000 SF	18.56000	8,352.00	18.56000	8,352.00		
630-80355	Portable Message Sign Panel	8.000 EACH	9,015.15000	72,121.20	9,015.15000	72,121.20		
630-80358	Advance Warning Flashing or Sequencing Arrow Panel (C Type)	8.000 EACH	2,068.19000	16,545.52	2,068.19000	16,545.52		
630-80359	Portable Message Sign Panel	17.000 DAY	53.04000	901.68	53.04000	901.68		
630-80360	Drum Channelizing Device	665.000 EACH	37.12000	24,684.80	37.12000	24,684.80		
630-80363	Drum Channelizing Device (With Light) (Flashing)	80.000 EACH	66.29000	5,303.20	66.29000	5,303.20		
630-80367	Portable Traffic Speed Monitor	2.000 EACH	2,810.61000	5,621.22	2,810.61000	5,621.22		
630-80370	Barrier (Temporary)	57,492.000 LF	47.93000	2,755,591.56	47.93000	2,755,591.56		
630-80378	Glare Screen (Temporary)	1,500.000 LF	32.14000	48,210.00	32.14000	48,210.00		
630-80380	Traffic Cone	800.000 EACH	17.71000	14,168.00	17.71000	14,168.00		



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Item Code	Description	Quantity	(0) -EST- Engineer's Estimate		(1) 1581 KRAEMER NORTH AMERICA, LLC		Unit Price	Amount
			Unit Price	Amount	Unit Price	Amount		
<b>SECTION:</b>	0001 BID ITEMS							
								<b>LCC:</b>
630-80401	Delineator (Type I) (Temporary)	30.000 EACH	37.12000	1,113.60	37.12000	1,113.60		
630-80415	Advanced Warning Flashing or Sequencing Panel (C Type)	17.000 DAY	37.12000	631.04	37.12000	631.04		
630-80440	Portable Rumble Strips (Temporary)	10.000 EACH	6,395.46000	63,954.60	6,395.46000	63,954.60		
630-80520	Mobile Pavement Marking Zone	25.000 DAY	318.18000	7,954.50	318.18000	7,954.50		
630-85006	Impact Attenuator (Sand Filled Plastic Barrel) (Temporary)	3.000 EACH	7,975.58000	23,926.74	7,975.58000	23,926.74		
630-85010	Impact Attenuator (Temporary)	14.000 EACH	13,425.72000	187,960.08	13,425.72000	187,960.08		
630-85041	Mobile Attenuator	1,135.000 DAY	668.18000	758,384.30	668.18000	758,384.30		
632-00000	Night Work Lighting	1.000 L S	187,671.07000	187,671.07	187,671.07000	187,671.07		
<b>Section Totals:</b>				<b>\$57,727,234.71</b>		<b>\$57,727,234.71</b>		
<b>Contract Grand Totals</b>				<b>\$57,727,234.71</b>		<b>\$57,727,234.71</b>		

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Line	Item/Description	Quantity	Estimated Price	Bid Price/Units	Estimated Amount	Bid Amount	Bid Est %	Overrun (+) Underrun (-)
<b>SECTION:</b>	0001	<b>BID ITEMS</b>						
0005	201-00000 Clearing and Grubbing	1.000	137,445.00000	137,445.00000	137,445.00	137,445.00	100.00%	0.00
				L S				
0010	202-00010 Removal of Tree	50.000	435.75000	435.75000	21,787.50	21,787.50	100.00%	0.00
				EACH				
0015	202-00015 Removal of Headwall	8.000	1,008.00000	1,008.00000	8,064.00	8,064.00	100.00%	0.00
				EACH				
0020	202-00019 Removal of Inlet	38.000	987.00000	987.00000	37,506.00	37,506.00	100.00%	0.00
				EACH				
0025	202-00021 Removal of Manhole	10.000	2,336.51000	2,336.51000	23,365.10	23,365.10	100.00%	0.00
				EACH				
0030	202-00023 Removal of Embankment Protector Type 3	1.000	609.00000	609.00000	609.00	609.00	100.00%	0.00
				EACH				
0035	202-00026 Removal of Slope and Ditch Paving	18.000	33.60000	33.60000	604.80	604.80	100.00%	0.00
				SY				
0040	202-00027 Removal of Riprap	160.000	14.70000	14.70000	2,352.00	2,352.00	100.00%	0.00
				SY				
0045	202-00035 Removal of Pipe	3,362.000	26.25000	26.25000	88,252.50	88,252.50	100.00%	0.00
				LF				
0050	202-00037 Removal of End Section	13.000	264.60000	264.60000	3,439.80	3,439.80	100.00%	0.00
				EACH				
0055	202-00090 Removal of Delineator	92.000	3.20000	3.20000	294.40	294.40	100.00%	0.00
				EACH				
0060	202-00120 Removal of Concrete Box Culvert	859.000	32.55000	32.55000	27,960.45	27,960.45	100.00%	0.00
				LF				

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Line	Item/Description	Quantity	Estimated Price	Bid Price/Units	Estimated Amount	Bid Amount	Bid Est %	Overrun (+) Underrun (-)
<b>SECTION:</b>	0001	<b>BID ITEMS</b>						
0065	202-00210 Removal of Concrete Pavement	1,980.000	14.70000	14.70000 SY	29,106.00	29,106.00	100.00%	0.00
0070	202-00220 Removal of Asphalt Mat	9,162.000	11.42000	11.42000 SY	104,630.04	104,630.04	100.00%	0.00
0075	202-00240 Removal of Asphalt Mat (Planing)	136,382.00	1.69000	1.69000 SY	230,485.58	230,485.58	100.00%	0.00
0080	202-00246 Removal of Asphalt Mat (Planing) (Special)	2,785.000	8.43000	8.43000 SY	23,477.55	23,477.55	100.00%	0.00
0085	202-00248 Removal of Rumble Strips	56,000.00	2.74000	2.74000 LF	153,440.00	153,440.00	100.00%	0.00
0090	202-00250 Removal of Pavement Marking	99,094.00	1.41000	1.41000 SF	139,722.54	139,722.54	100.00%	0.00
0095	202-00810 Removal of Ground Sign	9.000	90.60000	90.60000 EACH	815.40	815.40	100.00%	0.00
0100	202-00815 Removal of Sign (Special)	1.000	5,292.42000	5,292.42000 EACH	5,292.42	5,292.42	100.00%	0.00
0105	202-00827 Removal of Pull Box	2.000	233.33000	233.33000 EACH	466.66	466.66	100.00%	0.00
0110	202-01130 Removal of Guardrail Type 3	722.000	6.73000	6.73000 LF	4,859.06	4,859.06	100.00%	0.00
0115	202-01200 Removal of Tensioned Cable Barrier	29,070.00	3.36000	3.36000 LF	97,675.20	97,675.20	100.00%	0.00
0120	202-01300 Removal of End Anchorage	2.000	868.64000	868.64000 EACH	1,737.28	1,737.28	100.00%	0.00

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Line	Item/Description	Quantity	Estimated Price	Bid Price/Units	Estimated Amount	Bid Amount	Bid Est %	Overrun (+) Underrun (-)
<b>SECTION: 0001 BID ITEMS</b>								
0125	202-04008 Clean Culvert 18" -24" PIPE	3,369.000	17.85000	17.85000 LF	60,136.65	60,136.65	100.00%	0.00
0130	202-04008 Clean Culvert 25"-48" PIPE & 4'x4' or SMALLER CBC	1,058.000	25.20000	25.20000 LF	26,661.60	26,661.60	100.00%	0.00
0135	202-04008 Clean Culvert CONCRETE BOX CULVERT LARGER THAN 4'x4'	2,336.000	39.90000	39.90000 LF	93,206.40	93,206.40	100.00%	0.00
0140	202-05030 Sawing Asphalt Material (10 Inch)	52,500.000	3.31000	3.31000 LF	173,775.00	173,775.00	100.00%	0.00
0145	203-00040 Unclassified Excavation (Special)	30,769.000	12.39000	12.39000 CY	381,227.91	381,227.91	100.00%	0.00
0150	203-00050 Unsuitable Material	2,500.000	34.86000	34.86000 CY	87,150.00	87,150.00	100.00%	0.00
0155	203-00060 Embankment Material (Complete In Place)	44,456.000	11.15000	11.15000 CY	495,684.40	495,684.40	100.00%	0.00
0160	203-00062 Embankment Material (Complete In Place) (Special)	108,944.000	19.60000	19.60000 CY	2,135,302.40	2,135,302.40	100.00%	0.00
0165	203-00210 Borrow (Complete In Place)	39,933.000	19.86000	19.86000 CY	793,069.38	793,069.38	100.00%	0.00
0170	203-01100 Proof Rolling	200.000	152.25000	152.25000 HOUR	30,450.00	30,450.00	100.00%	0.00
0175	203-01510 Backhoe	100.000	199.50000	199.50000 HOUR	19,950.00	19,950.00	100.00%	0.00

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Line	Item/Description	Quantity	Estimated Price	Bid Price/Units	Estimated Amount	Bid Amount	Bid Est %	Overrun (+) Underrun (-)
<b>SECTION:</b>	0001	<b>BID ITEMS</b>						
0180	203-01597 Pothing	600.000	272.32000	272.32000 HOUR	163,392.00	163,392.00	100.00%	0.00
0185	203-02330 Laborer	100.000	48.62000	48.62000 HOUR	4,862.00	4,862.00	100.00%	0.00
0190	206-00000 Structure Excavation	5,751.000	14.70000	14.70000 CY	84,539.70	84,539.70	100.00%	0.00
0195	206-00100 Structure Backfill (Class 1)	9,123.000	36.07000	36.07000 CY	329,066.61	329,066.61	100.00%	0.00
0200	206-00360 Mechanical Reinforcement of Soil	5,648.000	24.11000	24.11000 CY	136,173.28	136,173.28	100.00%	0.00
0205	207-00210 Stockpile Topsoil	17,167.000	10.45000	10.45000 CY	179,395.15	179,395.15	100.00%	0.00
0210	208-00002 Erosion Log Type 1 (12 Inch)	30,000.000	3.63000	3.63000 LF	108,900.00	108,900.00	100.00%	0.00
0215	208-00013 Erosion Log Type 1 (20 Inch)	38,000.000	6.54000	6.54000 LF	248,520.00	248,520.00	100.00%	0.00
0220	208-00021 Silt Fence (Reinforced)	32,000.000	3.15000	3.15000 LF	100,800.00	100,800.00	100.00%	0.00
0225	208-00033 Sediment Trap	3.000	1,050.00000	1,050.00000 EACH	3,150.00	3,150.00	100.00%	0.00
0230	208-00035 Aggregate Bag	6,600.000	4.82000	4.82000 LF	31,812.00	31,812.00	100.00%	0.00
0235	208-00041 Rock Check Dam	18.000	735.00000	735.00000 EACH	13,230.00	13,230.00	100.00%	0.00

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Line	Item/Description	Quantity	Estimated Price	Bid Price/Units	Estimated Amount	Bid Amount	Bid Est %	Overrun (+) Underrun (-)
<b>SECTION: 0001 BID ITEMS</b>								
0240	208-00045 Concrete Washout Structure	2.000	3,150.00000	3,150.00000 EACH	6,300.00	6,300.00	100.00%	0.00
0245	208-00046 Pre-fabricated Concrete Washout Structure (Type 1)	10.000	3,166.86000	3,166.86000 EACH	31,668.60	31,668.60	100.00%	0.00
0250	208-00060 Temporary Slope Drain	460.000	42.00000	42.00000 LF	19,320.00	19,320.00	100.00%	0.00
0255	208-00070 Vehicle Tracking Pad	10.000	3,255.00000	3,255.00000 EACH	32,550.00	32,550.00	100.00%	0.00
0260	208-00075 Pre-fabricated Vehicle Tracking Pad	10.000	17,956.89000	17,956.89000 EACH	179,568.90	179,568.90	100.00%	0.00
0265	208-00103 Removal and Disposal of Sediment (Labor)	300.000	48.62000	48.62000 HOUR	14,586.00	14,586.00	100.00%	0.00
0270	208-00105 Removal and Disposal of Sediment (Equipment)	300.000	96.16000	96.16000 HOUR	28,848.00	28,848.00	100.00%	0.00
0275	208-00106 Sweeping (Sediment Removal)	2,250.000	166.70000	166.70000 HOUR	375,075.00	375,075.00	100.00%	0.00
0280	208-00200 Erosion Control Management	1.000	840,611.70000	840,611.70000 L S	840,611.70	840,611.70	100.00%	0.00
0285	208-00300 Temporary Berms	8,500.000	3.36000	3.36000 LF	28,560.00	28,560.00	100.00%	0.00
0290	210-00473 Reset TV Cameras	1.000	5,828.04000	5,828.04000 EACH	5,828.04	5,828.04	100.00%	0.00
0295	210-00816 Reset Sign Panel (Special)	1.000	2,625.00000	2,625.00000 EACH	2,625.00	2,625.00	100.00%	0.00

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Line	Item/Description	Quantity	Estimated Price	Bid Price/Units	Estimated Amount	Bid Amount	Bid Est %	Overrun (+) Underrun (-)
<b>SECTION: 0001 BID ITEMS</b>								
0300	210-00820 Reset Variable Message Sign	1.000	35,159.09000	35,159.09000 EACH	35,159.09	35,159.09	100.00%	0.00
0305	210-00847 Reset Travel Time Indicator	3.000	4,604.09000	4,604.09000 EACH	13,812.27	13,812.27	100.00%	0.00
0310	210-04020 Modify Inlet	10.000	2,625.00000	2,625.00000 EACH	26,250.00	26,250.00	100.00%	0.00
0315	212-00006 Seeding (Native)	24.000	698.58000	698.58000 ACRE	16,765.92	16,765.92	100.00%	0.00
0320	212-00009 Seeding (Temporary)	20.000	423.21000	423.21000 ACRE	8,464.20	8,464.20	100.00%	0.00
0325	212-00032 Soil Conditioning	24.000	2,464.29000	2,464.29000 ACRE	59,142.96	59,142.96	100.00%	0.00
0330	213-00004 Mulching (Weed Free Straw)	24.000	542.15000	542.15000 ACRE	13,011.60	13,011.60	100.00%	0.00
0335	213-00061 Mulch Tackifier	4,800.000	2.11000	2.11000 LB	10,128.00	10,128.00	100.00%	0.00
0340	213-00150 Bonded Fiber Matrix	34.000	2,775.00000	2,775.00000 ACRE	94,350.00	94,350.00	100.00%	0.00
0345	214-00003 Landscape Maintenance (2020)	1.000	31,607.14000	31,607.14000 L S	31,607.14	31,607.14	100.00%	0.00
0350	216-00201 Soil Retention Blanket (Straw-Coconut) (Biodegradable Class 1)	43,100.000	1.94000	1.94000 SY	83,614.00	83,614.00	100.00%	0.00
0355	216-00302 Turf Reinforcement Mat (Class 2)	10,860.000	4.87000	4.87000 SY	52,888.20	52,888.20	100.00%	0.00

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<b>SECTION: 0001 BID ITEMS</b>								
0360	217-00020 Herbicide Treatment	160.000	267.86000	267.86000 HOUR	42,857.60	42,857.60	100.00%	0.00
0365	240-00000 Wildlife Biologist	50.000	139.28000	139.28000 HOUR	6,964.00	6,964.00	100.00%	0.00
0370	240-00010 Removal of Nests	200.000	78.21000	78.21000 HOUR	15,642.00	15,642.00	100.00%	0.00
0375	240-00020 Netting	1,500.000	10.12000	10.12000 SY	15,180.00	15,180.00	100.00%	0.00
0380	304-06007 Aggregate Base Course (Class 6)	26,487.000	50.04000	50.04000 CY	1,325,409.48	1,325,409.48	100.00%	0.00
0385	304-09000 Aggregate Base Course (Special)	1,500.000	70.35000	70.35000 CY	105,525.00	105,525.00	100.00%	0.00
0390	403-00720 Hot Mix Asphalt (Patching) (Asphalt)	2,707.000	141.49000	141.49000 TON	383,013.43	383,013.43	100.00%	0.00
0395	403-09210 Stone Matrix Asphalt	42,853.000	101.12000	101.12000 TON	4,333,295.36	4,333,295.36	100.00%	0.00
0400	403-33841 Hot Mix Asphalt (Grading S) (100) (PG 64-22)	90,192.000	67.45000	67.45000 TON	6,083,450.40	6,083,450.40	100.00%	0.00
0405	403-34841 Hot Mix Asphalt (Grading SX) (100) (PG 64-22)	24,497.000	67.98000	67.98000 TON	1,665,306.06	1,665,306.06	100.00%	0.00
0410	411-10255 Emulsified Asphalt (Slow-Setting)	45,380.000	2.53000	2.53000 GAL	114,811.40	114,811.40	100.00%	0.00
0415	412-00190 Concrete Pavement (Patching)	1,959.000	114.08000	114.08000 SY	223,482.72	223,482.72	100.00%	0.00



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<b>SECTION:</b>	0001	<b>BID ITEMS</b>						
0420	420-00000 Geomembrane	5,155.000	10.98000	10.98000 SY	56,601.90	56,601.90	100.00%	0.00
0425	420-00300 Geotextile (Reinforcement)	1,500.000	5.78000	5.78000 SY	8,670.00	8,670.00	100.00%	0.00
0430	503-00018 Drilled Shaft (18 Inch)	5.000	362.72000	362.72000 LF	1,813.60	1,813.60	100.00%	0.00
0435	503-00036 Drilled Shaft (36 Inch)	36.000	396.67000	396.67000 LF	14,280.12	14,280.12	100.00%	0.00
0440	503-00048 Drilled Shaft (48 Inch)	88.000	558.94000	558.94000 LF	49,186.72	49,186.72	100.00%	0.00
0445	504-04420 Precast Panel Facing	15,463.000	18.20000	18.20000 SF	281,426.60	281,426.60	100.00%	0.00
0450	506-00212 Riprap (12 Inch)	198.000	129.15000	129.15000 CY	25,571.70	25,571.70	100.00%	0.00
0455	506-00412 Soil Riprap (12 Inch)	66.000	157.50000	157.50000 CY	10,395.00	10,395.00	100.00%	0.00
0460	515-00400 Concrete Sealer SURCHARGE MATERIAL	3,924.000	16.39000	16.39000 SY	64,314.36	64,314.36	100.00%	0.00
0465	601-01000 Concrete Class B	50.000	1,260.00000	1,260.00000 CY	63,000.00	63,000.00	100.00%	0.00
0470	601-03050 Concrete Class D (Wall)	977.000	562.36000	562.36000 CY	549,425.72	549,425.72	100.00%	0.00
0475	602-00000 Reinforcing Steel	8,012.000	0.91000	0.91000 LB	7,290.92	7,290.92	100.00%	0.00

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<b>SECTION: 0001 BID ITEMS</b>								
0480	602-00020 Reinforcing Steel (Epoxy Coated)	135,950.00	1.04000	1.04000 LB	141,388.00	141,388.00	100.00%	0.00
0485	603-01185 18 Inch Reinforced Concrete Pipe (Complete In Place)	13,776.00	89.78000	89.78000 LF	1,236,809.28	1,236,809.28	100.00%	0.00
0490	603-01245 24 Inch Reinforced Concrete Pipe (Complete In Place)	22.000	372.75000	372.75000 LF	8,200.50	8,200.50	100.00%	0.00
0495	603-01365 36 Inch Reinforced Concrete Pipe (Complete In Place)	2,992.000	249.48000	249.48000 LF	746,444.16	746,444.16	100.00%	0.00
0500	603-01425 42 Inch Reinforced Concrete Pipe (Complete In Place)	702.000	331.80000	331.80000 LF	232,923.60	232,923.60	100.00%	0.00
0505	603-01485 48 Inch Reinforced Concrete Pipe (Complete In Place)	1,686.000	267.37000	267.37000 LF	450,785.82	450,785.82	100.00%	0.00
0510	603-02425 53x34 Inch Reinforced Concrete Pipe Elliptical (Complete In Place)	147.000	324.45000	324.45000 LF	47,694.15	47,694.15	100.00%	0.00
0515	603-05018 18 Inch Reinforced Concrete End Section	15.000	997.50000	997.50000 EACH	14,962.50	14,962.50	100.00%	0.00
0520	603-05036 36 Inch Reinforced Concrete End Section	14.000	1,627.50000	1,627.50000 EACH	22,785.00	22,785.00	100.00%	0.00
0525	603-05042 42 Inch Reinforced Concrete End Section	3.000	1,785.00000	1,785.00000 EACH	5,355.00	5,355.00	100.00%	0.00

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<b>SECTION: 0001 BID ITEMS</b>								
0530	603-05142 53x34 Inch Reinforced Concrete End Section Elliptical	1.000	2,415.00000	2,415.00000 EACH	2,415.00	2,415.00	100.00%	0.00
0535	604-00305 Inlet Type C (5 Foot)	2.000	3,675.00000	3,675.00000 EACH	7,350.00	7,350.00	100.00%	0.00
0540	604-00505 Inlet Type D (5 Foot)	8.000	4,935.00000	4,935.00000 EACH	39,480.00	39,480.00	100.00%	0.00
0545	604-00510 Inlet Type D (10 Foot)	11.000	6,930.00000	6,930.00000 EACH	76,230.00	76,230.00	100.00%	0.00
0550	604-00515 Inlet Type D (15 Foot)	3.000	8,085.00000	8,085.00000 EACH	24,255.00	24,255.00	100.00%	0.00
0555	604-25005 Vane Grate Inlet (5 Foot)	46.000	6,695.12000	6,695.12000 EACH	307,975.52	307,975.52	100.00%	0.00
0560	604-25010 Vane Grate Inlet (10 Foot)	44.000	8,273.96000	8,273.96000 EACH	364,054.24	364,054.24	100.00%	0.00
0565	604-25015 Vane Grate Inlet (15 Foot)	3.000	9,023.50000	9,023.50000 EACH	27,070.50	27,070.50	100.00%	0.00
0570	604-26005 Vane Grate Inlet (Double) (5 Foot)	11.000	8,612.17000	8,612.17000 EACH	94,733.87	94,733.87	100.00%	0.00
0575	604-26010 Vane Grate Inlet (Double) (10 Foot)	3.000	12,628.16000	12,628.16000 EACH	37,884.48	37,884.48	100.00%	0.00
0580	604-26015 Vane Grate Inlet (Double) (15 Foot)	3.000	13,215.50000	13,215.50000 EACH	39,646.50	39,646.50	100.00%	0.00
0585	604-30005 Manhole Slab Base (5 Foot)	2.000	3,255.00000	3,255.00000 EACH	6,510.00	6,510.00	100.00%	0.00

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<b>SECTION: 0001 BID ITEMS</b>								
0590	604-30010 Manhole Slab Base (10 Foot)	2.000	5,145.00000	5,145.00000 EACH	10,290.00	10,290.00	100.00%	0.00
0595	604-30015 Manhole Slab Base (15 Foot)	6.000	6,615.00000	6,615.00000 EACH	39,690.00	39,690.00	100.00%	0.00
0600	604-30020 Manhole Slab Base (20 Foot)	2.000	7,875.00000	7,875.00000 EACH	15,750.00	15,750.00	100.00%	0.00
0605	604-31000 Manhole Box Base (Special)	8.000	15,519.30000	15,519.30000 EACH	124,154.40	124,154.40	100.00%	0.00
0610	604-39000 Manhole Special	2.000	17,850.00000	17,850.00000 EACH	35,700.00	35,700.00	100.00%	0.00
0615	604-39050 Manhole (Traffic Management System)	24.000	8,912.27000	8,912.27000 EACH	213,894.48	213,894.48	100.00%	0.00
0620	606-00705 Guardrail Type 7 (Special)	690.000	186.25000	186.25000 LF	128,512.50	128,512.50	100.00%	0.00
0625	606-00731 Guardrail Type 7 (Style CD) (Special)	2,165.000	81.38000	81.38000 LF	176,187.70	176,187.70	100.00%	0.00
0630	606-00741 Guardrail Type 7 (Style CE) (Special)	23,170.000	117.67000	117.67000 LF	2,726,413.90	2,726,413.90	100.00%	0.00
0635	606-10700 Bridge Rail Type 7	2,450.000	84.81000	84.81000 LF	207,784.50	207,784.50	100.00%	0.00
0640	606-21010 End Anchorage (Tensioned Cable Barrier)	14.000	9,046.97000	9,046.97000 EACH	126,657.58	126,657.58	100.00%	0.00
0645	607-11525 Fence (Plastic)	6,500.000	1.61000	1.61000 LF	10,465.00	10,465.00	100.00%	0.00

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<b>SECTION: 0001 BID ITEMS</b>								
0650	612-00022 Delineator (Type II) (Barrier)	197.000	61.82000	61.82000 EACH	12,178.54	12,178.54	100.00%	0.00
0655	612-00023 Delineator (Type III) (Barrier)	4.000	66.10000	66.10000 EACH	264.40	264.40	100.00%	0.00
0660	612-00260 Location Marker (Fiber Optic)(Dome)	56.000	171.82000	171.82000 EACH	9,621.92	9,621.92	100.00%	0.00
0665	612-00270 Location Marker (Utility)(Flat Slat)	7.000	76.37000	76.37000 EACH	534.59	534.59	100.00%	0.00
0670	613-00206 2 Inch Electrical Conduit (Bored)	3,730.000	14.01000	14.01000 LF	52,257.30	52,257.30	100.00%	0.00
0675	613-00306 3 Inch Electrical Conduit (Bored)	750.000	22.55000	22.55000 LF	16,912.50	16,912.50	100.00%	0.00
0680	613-01100 1 Inch Electrical Conduit (Plastic)	430.000	20.39000	20.39000 LF	8,767.70	8,767.70	100.00%	0.00
0685	613-01200 2 Inch Electrical Conduit (Plastic)	4,845.000	12.67000	12.67000 LF	61,386.15	61,386.15	100.00%	0.00
0690	613-01300 3 Inch Electrical Conduit (Plastic)	1,920.000	19.26000	19.26000 LF	36,979.20	36,979.20	100.00%	0.00
0695	613-03491 Electrical Conduit (Plastic)(Multiduct)	42,210.000	22.77000	22.77000 LF	961,121.70	961,121.70	100.00%	0.00
0700	613-03492 Electrical Conduit (Plastic)(Multiduct)(Bored)	9,810.000	32.34000	32.34000 LF	317,255.40	317,255.40	100.00%	0.00
0705	613-07011 Pull Box (11"x18"x12")	7.000	1,235.61000	1,235.61000 EACH	8,649.27	8,649.27	100.00%	0.00

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<b>SECTION: 0001 BID ITEMS</b>								
0710	613-07023 Pull Box (24"x36"x24")	9.000	1,923.94000	1,923.94000 EACH	17,315.46	17,315.46	100.00%	0.00
0715	613-07040 Pull Box (30"x48"x24")	23.000	2,667.42000	2,667.42000 EACH	61,350.66	61,350.66	100.00%	0.00
0720	613-10000 Wiring	1.000	61,940.46000	61,940.46000 L S	61,940.46	61,940.46	100.00%	0.00
0725	613-80130 Service Meter Cabinet	3.000	7,144.24000	7,144.24000 EACH	21,432.72	21,432.72	100.00%	0.00
0730	614-00012 Sign Panel (Class II)	113.000	19.72000	19.72000 SF	2,228.36	2,228.36	100.00%	0.00
0735	614-00041 Sign Post (Special)	14.000	426.39000	426.39000 EACH	5,969.46	5,969.46	100.00%	0.00
0740	614-01582 Steel Sign Support (2-1/2 Inch Round)(Post and Slipbase)	40.000	30.38000	30.38000 LF	1,215.20	1,215.20	100.00%	0.00
0745	614-01583 Steel Sign Support (2-1/2 In Round Sch 80) (Post & Slipbase)	12.000	426.39000	426.39000 EACH	5,116.68	5,116.68	100.00%	0.00
0750	614-10113 Dynamic Message Sign (Color LED)(Overhead)(Furnish Only)	2.000	124,359.25000	124,359.25000 EACH	248,718.50	248,718.50	100.00%	0.00
0755	614-10123 Variable Message Sign (Install Only)	1.000	28,763.64000	28,763.64000 EACH	28,763.64	28,763.64	100.00%	0.00
0760	614-10124 Variable Message Sign (Furnish Only)	3.000	94,931.67000	94,931.67000 EACH	284,795.01	284,795.01	100.00%	0.00

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<b>SECTION: 0001 BID ITEMS</b>								
0765	614-32400 Monotube Overhead Sign Cantilever (24 Inch Diameter)	1.000	50,323.63000	50,323.63000 EACH	50,323.63	50,323.63	100.00%	0.00
0770	614-70024 1310nm SFP Optic Module	3.000	361.66000	361.66000 EACH	1,084.98	1,084.98	100.00%	0.00
0775	614-70026 CWDM Multiplexor Demultiplexor Module	4.000	9,436.21000	9,436.21000 EACH	37,744.84	37,744.84	100.00%	0.00
0780	614-70028 CWDM SFP Optic Module	34.000	1,020.31000	1,020.31000 EACH	34,690.54	34,690.54	100.00%	0.00
0785	614-70030 Optical Attenuator	22.000	98.64000	98.64000 EACH	2,170.08	2,170.08	100.00%	0.00
0790	614-70032 Optical Filter	64.000	1,281.21000	1,281.21000 EACH	81,997.44	81,997.44	100.00%	0.00
0795	614-72830 Communications Cabinet	1.000	15,117.88000	15,117.88000 EACH	15,117.88	15,117.88	100.00%	0.00
0800	614-72830 Communications Cabinet (TYPE 332)	1.000	14,528.18000	14,528.18000 EACH	14,528.18	14,528.18	100.00%	0.00
0805	614-72832 Communications Cabinet (Type 2)	2.000	15,765.91000	15,765.91000 EACH	31,531.82	31,531.82	100.00%	0.00
0810	614-80385 Rumble Strip	124,010.00	0.14000	0.14000 LF	17,361.40	17,361.40	100.00%	0.00
0815	614-84100 Traffic Signal Pedestal Pole Aluminum	1.000	3,171.32000	3,171.32000 EACH	3,171.32	3,171.32	100.00%	0.00
0820	614-85003 Impact Attenuator (Low Maintenance)	4.000	21,683.10000	21,683.10000 EACH	86,732.40	86,732.40	100.00%	0.00

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<b>SECTION: 0001 BID ITEMS</b>								
0825	614-86010 Dedicated Short Range Communications (DSRC) (Roadside Unit)	6.000	8,971.67000	8,971.67000 EACH	53,830.02	53,830.02	100.00%	0.00
0830	614-86800 Uninterrupted Power Supply	1.000	26,620.16000	26,620.16000 EACH	26,620.16	26,620.16	100.00%	0.00
0835	614-87010 Fiber Optic Cable (Single Mode) (12 Fiber)	10,775.000	3.63000	3.63000 LF	39,113.25	39,113.25	100.00%	0.00
0840	614-87015 Buffer Tube Fan Out Kit	3.000	746.67000	746.67000 EACH	2,240.01	2,240.01	100.00%	0.00
0845	614-87024 Fiber Optic Termination Panel (24 Fiber)	3.000	1,397.88000	1,397.88000 EACH	4,193.64	4,193.64	100.00%	0.00
0850	614-87320 Closed Circuit Television	2.000	13,456.97000	13,456.97000 EACH	26,913.94	26,913.94	100.00%	0.00
0855	614-87350 Test Fiber Optic Cable	1.000	34,524.85000	34,524.85000 L S	34,524.85	34,524.85	100.00%	0.00
0860	614-87364 Closed Circuit Television Pole with Lowering Device (50 Feet)	2.000	32,470.45000	32,470.45000 EACH	64,940.90	64,940.90	100.00%	0.00
0865	614-87502 Fiber Optic Cable (S Mode)(168 S)	66,890.000	5.39000	5.39000 LF	360,537.10	360,537.10	100.00%	0.00
0870	614-87691 Ethernet Switch Type I	1.000	4,545.75000	4,545.75000 EACH	4,545.75	4,545.75	100.00%	0.00
0875	614-87692 Ethernet Switch Type II	2.000	4,000.61000	4,000.61000 EACH	8,001.22	8,001.22	100.00%	0.00



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<b>SECTION: 0001 BID ITEMS</b>								
0880	614-87698 Ethernet Aggregation Switch Type II	2.000	22,765.91000	22,765.91000 EACH	45,531.82	45,531.82	100.00%	0.00
0885	620-00005 Field Office (Special)	1.000	1,506,057.35000	1,506,057.35000 EACH	1,506,057.35	1,506,057.35	100.00%	0.00
0890	620-00012 Field Laboratory (Class 2)	1.000	109,345.39000	109,345.39000 EACH	109,345.39	109,345.39	100.00%	0.00
0895	620-00020 Sanitary Facility	1.000	3,570.00000	3,570.00000 EACH	3,570.00	3,570.00	100.00%	0.00
0900	621-00450 Detour Pavement	7,665.000	64.64000	64.64000 SY	495,465.60	495,465.60	100.00%	0.00
0905	624-20300 Detour Drainage Pipe (Class 0)	4,675.000	141.25000	141.25000 LF	660,343.75	660,343.75	100.00%	0.00
0910	625-00000 Construction Surveying	1.000	461,475.00000	461,475.00000 L S	461,475.00	461,475.00	100.00%	0.00
0915	625-00001 Construction Surveying (Hourly)	300.000	173.25000	173.25000 HOUR	51,975.00	51,975.00	100.00%	0.00
0920	625-00015 Settlement Instrumentation	1.000	103,515.05000	103,515.05000 L S	103,515.05	103,515.05	100.00%	0.00
0925	626-00100 Mobilization (without Autopay)	1.000	10,116,857.72000	10,116,857.72000 L S	10,116,857.72	10,116,857.72	100.00%	0.00
0930	626-01101 Public Information Services (Tier I)	1.000	562,753.80000	562,753.80000 L S	562,753.80	562,753.80	100.00%	0.00
0935	627-00005 Epoxy Pavement Marking	1,736.000	90.68000	90.68000 GAL	157,420.48	157,420.48	100.00%	0.00

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Line	Item/Description	Quantity	Estimated Price	Bid Price/Units	Estimated Amount	Bid Amount	Bid Est %	Overrun (+) Underrun (-)
<b>SECTION:</b>	0001	<b>BID ITEMS</b>						
0940	627-00013 Pavement Marking Paint (High Build)	9,026.000	30.23000	30.23000 GAL	272,855.98	272,855.98	100.00%	0.00
0945	630-00000 Flagging	20,430.000	25.45000	25.45000 HOUR	519,943.50	519,943.50	100.00%	0.00
0950	630-00003 Uniformed Traffic Control	10,215.000	97.89000	97.89000 HOUR	999,946.35	999,946.35	100.00%	0.00
0955	630-00007 Traffic Control Inspection	132.000	106.06000	106.06000 DAY	13,999.92	13,999.92	100.00%	0.00
0960	630-00017 Traffic Control Management (Special)	1,619.000	996.96000	996.96000 DAY	1,614,078.24	1,614,078.24	100.00%	0.00
0965	630-00030 Courtesy Patrol	484.000	902.35000	902.35000 DAY	436,737.40	436,737.40	100.00%	0.00
0970	630-00040 Traffic Incident Management Plan Development	1.000	5,250.00000	5,250.00000 L S	5,250.00	5,250.00	100.00%	0.00
0975	630-00041 Traffic Incident Management Plan Implementation	36.000	1,785.00000	1,785.00000 MON	64,260.00	64,260.00	100.00%	0.00
0980	630-80002 Flashing Beacon (Solar)	33.000	795.46000	795.46000 EACH	26,250.18	26,250.18	100.00%	0.00
0985	630-80335 Barricade (Type 3 M-A) (Temporary)	30.000	138.65000	138.65000 EACH	4,159.50	4,159.50	100.00%	0.00
0990	630-80341 Construction Traffic Sign (Panel Size A)	200.000	42.42000	42.42000 EACH	8,484.00	8,484.00	100.00%	0.00
0995	630-80342 Construction Traffic Sign (Panel Size B)	200.000	79.55000	79.55000 EACH	15,910.00	15,910.00	100.00%	0.00

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Line	Item/Description	Quantity	Estimated Price	Bid Price/Units	Estimated Amount	Bid Amount	Bid Est %	Overrun (+) Underrun (-)
<b>SECTION: 0001 BID ITEMS</b>								
1000	630-80343 Construction Traffic Sign (Panel Size C)	75.000	124.25000	124.25000 EACH	9,318.75	9,318.75	100.00%	0.00
1005	630-80344 Construction Traffic Sign (Special)	450.000	18.56000	18.56000 SF	8,352.00	8,352.00	100.00%	0.00
1010	630-80355 Portable Message Sign Panel	8.000	9,015.15000	9,015.15000 EACH	72,121.20	72,121.20	100.00%	0.00
1015	630-80358 Advance Warning Flashing or Sequencing Arrow Panel (C Type)	8.000	2,068.19000	2,068.19000 EACH	16,545.52	16,545.52	100.00%	0.00
1020	630-80359 Portable Message Sign Panel	17.000	53.04000	53.04000 DAY	901.68	901.68	100.00%	0.00
1025	630-80360 Drum Channelizing Device	665.000	37.12000	37.12000 EACH	24,684.80	24,684.80	100.00%	0.00
1030	630-80363 Drum Channelizing Device (With Light) (Flashing)	80.000	66.29000	66.29000 EACH	5,303.20	5,303.20	100.00%	0.00
1035	630-80367 Portable Traffic Speed Monitor	2.000	2,810.61000	2,810.61000 EACH	5,621.22	5,621.22	100.00%	0.00
1040	630-80370 Barrier (Temporary)	57,492.000	47.93000	47.93000 LF	2,755,591.56	2,755,591.56	100.00%	0.00
1045	630-80378 Glare Screen (Temporary)	1,500.000	32.14000	32.14000 LF	48,210.00	48,210.00	100.00%	0.00
1050	630-80380 Traffic Cone	800.000	17.71000	17.71000 EACH	14,168.00	14,168.00	100.00%	0.00

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Line	Item/Description	Quantity	Estimated Price	Bid Price/Units	Estimated Amount	Bid Amount	Bid Est %	Overrun (+) Underrun (-)
<b>SECTION: 0001 BID ITEMS</b>								
1055	630-80401 Delineator (Type I) (Temporary)	30.000	37.12000	37.12000 EACH	1,113.60	1,113.60	100.00%	0.00
1060	630-80415 Advanced Warning Flashing or Sequencing Panel (C Type)	17.000	37.12000	37.12000 DAY	631.04	631.04	100.00%	0.00
1065	630-80440 Portable Rumble Strips (Temporary)	10.000	6,395.46000	6,395.46000 EACH	63,954.60	63,954.60	100.00%	0.00
1070	630-80520 Mobile Pavement Marking Zone	25.000	318.18000	318.18000 DAY	7,954.50	7,954.50	100.00%	0.00
1075	630-85006 Impact Attenuator (Sand Filled Plastic Barrel) (Temporary)	3.000	7,975.58000	7,975.58000 EACH	23,926.74	23,926.74	100.00%	0.00
1080	630-85010 Impact Attenuator (Temporary)	14.000	13,425.72000	13,425.72000 EACH	187,960.08	187,960.08	100.00%	0.00
1085	630-85041 Mobile Attenuator	1,135.000	668.18000	668.18000 DAY	758,384.30	758,384.30	100.00%	0.00
1090	632-00000 Night Work Lighting	1.000	187,671.07000	187,671.07000 L S	187,671.07	187,671.07	100.00%	0.00
<b>Section 0001 Subtotal</b>					<b>\$57,727,234.71</b>	<b>\$57,727,234.71</b>	<b>100.00%</b>	<b>\$0.00</b>
<b>Contract Total for Calculated Low Bidders Bid Items</b>					<b>\$57,727,234.71</b>	<b>\$57,727,234.71</b>	<b>100.00%</b>	<b>\$0.00</b>