Colorado Department Of Transportation Low Bid Summary

08/04/2021Page 1 of 1

Printed On:

Letting Date: August 04, 2021

Call Order	Contract ID	Project(s)	# of Bids	Low Bidder	Estimated Cost	Corrected Bid	Percent of Estimate	Overrun (+) Underrun (-)
002	C23605	FBR0252-493	1	SEMA CONSTRUCTION, INC.	\$18,285,665.17	\$18,285,665.17	100.00%	\$0.00
Letti	ng Totals		1		\$18,285,665.17	\$18,285,665.17	100.00%	\$0.00

Vendor Ranking

C23605

Contract ID:

Printed On: **08/04/2021**

Page 1 of 1

Contract Description:

125 & SOUTH ACADEMY BLVD AT MP 135

Rank	Vendor ID	Vendor Name	Total Bid	Percent Of Low Bid	Percent Of Estimate
1	870A	SEMA CONSTRUCTION, INC.	\$18,285,665.17	100.00%	100.00%
0	-EST-	Engineer's Estimate	\$18,285,665.17	100.00%	100.00%

Page 1 of 12

08/04/2021

Printed On:

				(0) -EST Engineer's Es		(1) 870 SEMA CONSTF INC.			
Item Code	Description	Quai	ntity	Unit Price	Amount	Unit Price	Amount	Unit Price	Amount
SECTION:	0001 Bid Items						LCC:		
201-00000	Clearing and Grubbing	1.000	LS	51,608.18000	51,608.18	51,608.18000	51,608.18		
202-00026	Removal of Slope and Ditch Paving	1,560.000	SY	14.26000	22,245.60	14.26000	22,245.60		
202-00040	Removal of Electrical Conduit	389.000	LF	8.82000	3,430.98	8.82000	3,430.98		
202-00055	Removal of Fiber Optic Cable	168.000	LF	4.41000	740.88	4.41000	740.88		
202-00090	Removal of Delineator	11.000	EACH	4.35000	47.85	4.35000	47.85		
202-00210	Removal of Concrete Pavement	60.000	SY	22.86000	1,371.60	22.86000	1,371.60		
202-00220	Removal of Asphalt Mat	8,040.000	SY	7.86000	63,194.40	7.86000	63,194.40		
202-00222	Removal of Detour Pavement	3,683.000	SY	6.62000	24,381.46	6.62000	24,381.46		
202-00240	Removal of Asphalt Mat (Planing)	5,040.000	SY	4.36000	21,974.40	4.36000	21,974.40		
202-00248	Removal of Rumble Strips	7,110.000	LF	5.61000	39,887.10	5.61000	39,887.10		
202-00250	Removal of Pavement Marking	17,341.000	SF	1.17000	20,288.97	1.17000	20,288.97		
202-00251	Removal of Pavement Marking (Asphalt Grooving)	2,825.000	SF	2.02000	5,706.50	2.02000	5,706.50		
202-00252	Removal of Pavement Marking (Concrete Grooving)	2,038.000	SF	2.20000	4,483.60	2.20000	4,483.60		
202-00400	Removal of Bridge	2.000	EACH	229,517.29000	459,034.58	229,517.29000	459,034.58		
202-00700	Removal of Light Standard	1.000	EACH	551.54000	551.54	551.54000	551.54		

Page 2 of 12

08/04/2021

Printed On:

			(0) -EST- Engineer's Estimate		(1) 870A SEMA CONSTRUCTION, INC.			
Item Code	Description	Quantity	Unit Price	Amount	Unit Price	Amount	Unit Price	Amount
SECTION:	0001 Bid Items					LCC:		
202-00705	Removal of Light Standard Foundation	1.000 EACH	496.39000	496.39	496.39000	496.39		
202-00715	Removal of Closed Circuit Television Pole	1.000 EACH	551.54000	551.54	551.54000	551.54		
202-00720	Removal of Closed Circuit Camera	1.000 EACH	275.77000	275.77	275.77000	275.77		
202-00810	Removal of Ground Sign	3.000 EACH	73.87000	221.61	73.87000	221.61		
202-00827	Removal of Pull Box	1.000 EACH	220.62000	220.62	220.62000	220.62		
202-01130	Removal of Guardrail Type 3	4,152.000 LF	4.81000	19,971.12	4.81000	19,971.12		
202-01180	Removal of Median Barrier	182.000 LF	25.84000	4,702.88	25.84000	4,702.88		
202-01300	Removal of End Anchorage	7.000 EACH	673.59000	4,715.13	673.59000	4,715.13		
202-04001	Plug Culvert	1.000 EACH	4,657.19000	4,657.19	4,657.19000	4,657.19		
203-00000	Unclassified Excavation	8,869.000 CY	19.01000	168,599.69	19.01000	168,599.69		
203-01100	Proof Rolling	50.000 HOUR	114.80000	5,740.00	114.80000	5,740.00		
203-01500	Blading Erosion Control	50.000 HOUR	180.81000	9,040.50	180.81000	9,040.50		
203-01510	Backhoe	50.000 HOUR	191.72000	9,586.00	191.72000	9,586.00		
203-01550	Dozing	50.000 HOUR	181.80000	9,090.00	181.80000	9,090.00		
203-01594	Combination Loader	50.000 HOUR	108.06000	5,403.00	108.06000	5,403.00		
203-01597	Potholing	80.000 HOUR	487.58000	39,006.40	487.58000	39,006.40		

Page 3 of 12

08/04/2021

Printed On:

				(0) -EST Engineer's Es		(1) 870 SEMA CONSTR			
Item Code	Description	0		Hadi Balan	A	INC.	A	Huit Deles	A
	Безсприон	Quar	itity	Unit Price	Amount	Unit Price	Amount	Unit Price	Amount
SECTION:	0001 Bid Items						LCC:		
203-02330	Laborer Erosion Control	50.000	HOUR	49.98000	2,499.00	49.98000	2,499.00		
206-00000	Structure Excavation	5,004.000	CY	20.18000	100,980.72	20.18000	100,980.72		
206-00100	Structure Backfill (Class 1)	7,382.000	CY	35.13000	259,329.66	35.13000	259,329.66		
206-00200	Structure Backfill (Class 2)	328.000	CY	33.23000	10,899.44	33.23000	10,899.44		
206-00360	Mechanical Reinforcement of Soil	4,587.000	CY	14.07000	64,539.09	14.07000	64,539.09		
206-00520	Filter Material (Class B)	39.000	CY	225.49000	8,794.11	225.49000	8,794.11		
206-01781	Shoring (Area 1)	1.000	LS	26,791.27000	26,791.27	26,791.27000	26,791.27		
206-01782	Shoring (Area 2)	1.000	LS	26,791.27000	26,791.27	26,791.27000	26,791.27		
206-01783	Shoring (Area 3)	1.000	LS	26,791.27000	26,791.27	26,791.27000	26,791.27		
206-01784	Shoring (Area 4)	1.000	LS	26,791.27000	26,791.27	26,791.27000	26,791.27		
207-00205	Topsoil	1,366.000	CY	17.64000	24,096.24	17.64000	24,096.24		
208-00002	Erosion Log Type 1 (12 Inch)	930.000	LF	3.60000	3,348.00	3.60000	3,348.00		
208-00020	Silt Fence	2,861.000	LF	1.32000	3,776.52	1.32000	3,776.52		
208-00035	Aggregate Bag	50.000	LF	6.62000	331.00	6.62000	331.00		
208-00045	Concrete Washout Structure	4.000	EACH	4,883.99000	19,535.96	4,883.99000	19,535.96		
208-00056	Storm Drain Inlet Protection (Type III)	4.000	EACH	286.80000	1,147.20	286.80000	1,147.20		

Page 4 of 12

08/04/2021

Printed On:

			(0) -EST- Engineer's Estimate		(1) 870. SEMA CONSTF INC.			
Item Code	Description	Quantity	Unit Price	Amount	Unit Price	Amount	Unit Price	Amount
SECTION:	0001 Bid Items					LCC:		
208-00070	Vehicle Tracking Pad	3.000 EACH	3,625.12000	10,875.36	3,625.12000	10,875.36		
208-00071	Maintenance Aggregate (Vehicle Tracking Pad)	75.000 CY	104.75000	7,856.25	104.75000	7,856.25		
208-00075	Pre-fabricated Vehicle Tracking Pad	2.000 EACH	17,135.29000	34,270.58	17,135.29000	34,270.58		
208-00106	Sweeping (Sediment Removal)	160.000 HOUR	240.75000	38,520.00	240.75000	38,520.00		
208-00200	Erosion Control Management	1.000 LS	236,904.05000	236,904.05	236,904.05000	236,904.05		
208-00400	Water Control	1.000 LS	58,504.15000	58,504.15	58,504.15000	58,504.15		
210-00810	Reset Ground Sign	4.000 EACH	418.22000	1,672.88	418.22000	1,672.88		
210-04020	Modify Inlet	1.000 EACH	2,593.12000	2,593.12	2,593.12000	2,593.12		
212-00006	Seeding (Native)	3.000 ACRE	926.60000	2,779.80	926.60000	2,779.80		
212-00032	Soil Conditioning	3.000 ACRE	3,686.54000	11,059.62	3,686.54000	11,059.62		
213-00003	Mulching (Weed Free)	2.000 ACRE	639.80000	1,279.60	639.80000	1,279.60		
213-00012	Spray-on Mulch Blanket	3.000 ACRE	3,587.26000	10,761.78	3,587.26000	10,761.78		
213-00061	Mulch Tackifier	224.000 LB	2.74000	613.76	2.74000	613.76		
240-00010	Removal of Nests	100.000 HOUR	189.54000	18,954.00	189.54000	18,954.00		
240-00020	Netting	3,650.000 SY	9.50000	34,675.00	9.50000	34,675.00		

Page 5 of 12

08/04/2021

Printed On:

				(0) -EST- Engineer's Estimate		(1) 870A SEMA CONSTRUCTION, INC.			
Item Code	Description	Quant	ity	Unit Price	Amount	Unit Price	Amount	Unit Price	Amount
SECTION:	0001 Bid Items						LCC:		
304-06000	Aggregate Base Course (Class 6)	5,928.000	TON	29.73000	176,239.44	29.73000	176,239.44		
304-08002	Aggregate Base Course (Shoulder Material)	103.000	CY	193.68000	19,949.04	193.68000	19,949.04		
403-00720	Hot Mix Asphalt (Patching) (Asphalt)	133.000	TON	152.06000	20,223.98	152.06000	20,223.98		
403-02000	Hot Mix Asphalt (Special)	1,583.000	TON	84.71000	134,095.93	84.71000	134,095.93		
403-09210	Stone Matrix Asphalt	594.000	TON	133.28000	79,168.32	133.28000	79,168.32		
403-33841	Hot Mix Asphalt (Grading S) (100) (PG 64-22)	3,449.000	TON	85.84000	296,062.16	85.84000	296,062.16		
403-40000	HMA Safety Edge	726.000	LF	8.47000	6,149.22	8.47000	6,149.22		
411-10255	Emulsified Asphalt (Slow-Setting)	1,267.000	GAL	4.86000	6,157.62	4.86000	6,157.62		
412-00800	Concrete Pavement (8 Inch)	7,829.000	SY	79.76000	624,441.04	79.76000	624,441.04		
412-02000	Concrete Safety Edge	1,701.000	LF	5.40000	9,185.40	5.40000	9,185.40		
420-00000	Geomembrane	1,530.000	SY	26.47000	40,499.10	26.47000	40,499.10		
420-00112	Geotextile (Drainage) (Class 1)	18.000	SY	67.59000	1,216.62	67.59000	1,216.62		
502-00460	Pile Tip	48.000 I	EACH	191.78000	9,205.44	191.78000	9,205.44		
502-02010	Dynamic Pile Test	6.000 I	EACH	2,728.50000	16,371.00	2,728.50000	16,371.00		
502-11489	Steel Piling (HP 14x89)	1,475.000	LF	127.30000	187,767.50	127.30000	187,767.50		

Page 6 of 12

08/04/2021

Printed On:

				(0) -EST- Engineer's Estir	mate	(1) 870. SEMA CONSTR INC.			
Item Code	Description	Quanti	ty	Unit Price A	mount	Unit Price	Amount	Unit Price	Amount
SECTION:	0001 Bid Items						LCC:		
503-00024	Drilled Shaft (24 Inch)	9.000	LF	664.78000	5,983.02	664.78000	5,983.02		
503-00048	Drilled Shaft (48 Inch)	206.000	LF	914.88000 18	88,465.28	914.88000	188,465.28		
504-04420	Precast Panel Facing	15,747.000	SF	38.63000 60	08,306.61	38.63000	608,306.61		
504-06400	Soil Nail Wall	17,095.000	SF	28.03000 47	79,172.85	28.03000	479,172.85		
504-06410	Verification Testing	6.000 E	ACH	2,076.61000 1	12,459.66	2,076.61000	12,459.66		
506-00212	Riprap (12 Inch)	33.000	CY	193.87000	6,397.71	193.87000	6,397.71		
515-00400	Concrete Sealer	4,778.000	SY	12.41000 5	59,294.98	12.41000	59,294.98		
518-01004	Bridge Expansion Device (0-4 Inch)	332.000	LF	218.91000 7	72,678.12	218.91000	72,678.12		
519-03035	Place Thin Bonded Overlay (Polyester Concrete)	4,331.000	SY	50.80000 22	20,014.80	50.80000	220,014.80		
519-03055	Furnish Thin Bonded Overlay (Polyester Concrete)	2,436.000	CF	135.10000 32	29,103.60	135.10000	329,103.60		
601-03050	Concrete Class D (Wall)	277.000	CY	426.00000 11	18,002.00	426.00000	118,002.00		
601-04550	Concrete Class G	2,125.000	CY	1,095.48000 2	2,327,895. 00	1,095.48000	2,327,895. 00		
601-40250	Bridge Deck Finish (Sawed Grooves)	4,778.000	SY	10.25000 4	48,974.50	10.25000	48,974.50		
601-40300	Structural Concrete Coating	2,033.000	SY	12.41000 2	25,229.53	12.41000	25,229.53		
602-00020	Reinforcing Steel (Epoxy Coated)	492,146.000	LB	1.47000 72	23,454.62	1.47000	723,454.62		

Page 7 of 12

08/04/2021

Printed On:

			(0) -EST- Engineer's Estimate		(1) 870A SEMA CONSTRUCTION, INC.			
Item Code	Description	Quantity	Unit Price	Amount	Unit Price	Amount	Unit Price	Amount
SECTION:	0001 Bid Items					LCC:		
603-01185	18 Inch Reinforced Concrete Pipe (Complete In Place)	240.000 LF	116.30000	27,912.00	116.30000	27,912.00		
603-05018	18 Inch Reinforced Concrete End Section	1.000 EACH	1,583.09000	1,583.09	1,583.09000	1,583.09		
603-10240	24 Inch Corrugated Steel Pipe	480.000 LF	72.56000	34,828.80	72.56000	34,828.80		
603-50018	18 Inch Plastic Pipe	124.000 LF	93.88000	11,641.12	93.88000	11,641.12		
604-13005	Inlet Type 13 (5 Foot)	1.000 EACH	4,507.96000	4,507.96	4,507.96000	4,507.96		
604-25000	Vane Grate Inlet Special	2.000 EACH	17,825.56000	35,651.12	17,825.56000	35,651.12		
604-25010	Vane Grate Inlet (10 Foot)	1.000 EACH	8,215.90000	8,215.90	8,215.90000	8,215.90		
604-26005	Vane Grate Inlet (Double) (5 Foot)	1.000 EACH	10,618.23000	10,618.23	10,618.23000	10,618.23		
604-30015	Manhole Slab Base (15 Foot)	1.000 EACH	6,597.09000	6,597.09	6,597.09000	6,597.09		
606-00301	Guardrail Type 3 (6-3 Post Spacing)	1,146.000 LF	31.28000	35,846.88	31.28000	35,846.88		
606-00350	Guardrail Type 3 (Double) (6-3 Post Spacing)	1,174.000 LF	48.66000	57,126.84	48.66000	57,126.84		
606-00915	Guardrail Type 9 (Style CG)	325.000 LF	230.68000	74,971.00	230.68000	74,971.00		
606-01340	End Anchorage Type 3D	3.000 EACH	1,072.16000	3,216.48	1,072.16000	3,216.48		
606-01370	Transition Type 3G	4.000 EACH	3,446.70000	13,786.80	3,446.70000	13,786.80		
606-01380	Transition Type 3H	2.000 EACH	1,229.96000	2,459.92	1,229.96000	2,459.92		

Page 8 of 12

08/04/2021

Printed On:

			En	(0) -EST- Engineer's Estimate		(1) 870A SEMA CONSTRUCTION, INC.			
Item Code	Description	Quantity	Un	it Price	Amount	Unit Price	Amount	Unit Price	Amount
SECTION:	0001 Bid Items						LCC:		
606-01400	Transition Type BR10M-GR3	4.000 EAC	;H 3,:	210.00000	12,840.00	3,210.00000	12,840.00		
606-02005	End Anchorage (Flared)	1.000 EAC	;H 3,	463.99000	3,463.99	3,463.99000	3,463.99		
606-11035	Bridge Rail Type 10 MASH	650.000 L	_F :	300.34000	195,221.00	300.34000	195,221.00		
606-20014	Tensioned Cable Barrier (TL-4)	425.000 L	.F	50.20000	21,335.00	50.20000	21,335.00		
606-21010	End Anchorage (Tensioned Cable Barrier)	1.000 EAC	H 25,	203.76000	25,203.76	25,203.76000	25,203.76		
607-11525	Fence (Plastic)	325.000 L	_F	4.41000	1,433.25	4.41000	1,433.25		
607-55110	Safety Rail (Cable)	425.000 L	_F	54.83000	23,302.75	54.83000	23,302.75		
609-24002	Gutter Type 2 (2 Foot)	425.000 L	_F	37.77000	16,052.25	37.77000	16,052.25		
609-60011	Curb Type 6 (Section M)	747.000 L	_F	2.54000	1,897.38	2.54000	1,897.38		
610-00030	Median Cover Material (Concrete)	8,814.000 S	SF	12.74000	112,290.36	12.74000	112,290.36		
612-00111	Delineator (Drivable)(Type I)	13.000 EAC	Н	73.87000	960.31	73.87000	960.31		
612-00112	Delineator (Drivable)(Type II)	3.000 EAC	Н	81.47000	244.41	81.47000	244.41		
612-00113	Delineator (Drivable)(Type III)	5.000 EAC	Н	84.73000	423.65	84.73000	423.65		
612-00260	Location Marker (Fiber Optic)(Dome)	1.000 EAC	:H	220.62000	220.62	220.62000	220.62		
613-00102	1 Inch Electrical Conduit (Galvanized Rigid Conduit) (Special)	920.000 L	.F	11.03000	10,147.60	11.03000	10,147.60		

Page 9 of 12

08/04/2021

Printed On:

					(0) -EST- Engineer's Estimate		(1) 870A SEMA CONSTRUCTION, INC.			
Item Code	Descrip	otion	Quai	ntity	Unit Price	Amount	Unit Price	Amount	Unit Price	Amount
SECTION:	0001	Bid Items						LCC:		
613-00200	2 Inch Electrical	Conduit	670.000	LF	13.24000	8,870.80	13.24000	8,870.80		
613-00306	3 Inch Electrical	Conduit (Bored)	55.000	LF	44.12000	2,426.60	44.12000	2,426.60		
613-01100	1 Inch Electrical	Conduit (Plastic)	315.000	LF	8.82000	2,778.30	8.82000	2,778.30		
613-01150	1-1/2 Inch Electri	ical Conduit (Plastic)	348.000	LF	9.93000	3,455.64	9.93000	3,455.64		
613-01200	2 Inch Electrical	Conduit (Plastic)	1,195.000	LF	13.24000	15,821.80	13.24000	15,821.80		
613-07000	Pull Box (Specia	1)	18.000	EACH	441.24000	7,942.32	441.24000	7,942.32		
613-07001	Type One Pull Be	ox	2.000	EACH	496.40000	992.80	496.40000	992.80		
613-07002	Type Two Pull Be	ox	3.000	EACH	606.70000	1,820.10	606.70000	1,820.10		
613-07011	Pull Box (11"x18	"x12")	1.000	EACH	496.39000	496.39	496.39000	496.39		
613-07070	EMS Ball Marker		5.000	EACH	220.62000	1,103.10	220.62000	1,103.10		
613-10000	Wiring		1.000	LS	33,092.78000	33,092.78	33,092.78000	33,092.78		
613-13006	Luminaire (LED)	(6,000 Lumens)	16.000	EACH	1,103.09000	17,649.44	1,103.09000	17,649.44		
613-13016	Luminaire (LED)	(16,000 Lumens)	2.000	EACH	1,654.64000	3,309.28	1,654.64000	3,309.28		
613-32350	Light Standard S	teel (35 Foot)	2.000	EACH	3,860.82000	7,721.64	3,860.82000	7,721.64		
613-40015	Light Standard A	nchor	2.000	EACH	1,654.64000	3,309.28	1,654.64000	3,309.28		
613-40020	Transformer Bas	e Aluminum	2.000	EACH	551.55000	1,103.10	551.55000	1,103.10		

Page 10 of 12

08/04/2021

Printed On:

			(0) -EST- Engineer's Estimate		(1) 870A SEMA CONSTRUCTION, INC.			
Item Code	Description	Quantity	Unit Price	Amount	Unit Price	Amount	Unit Price	Amount
SECTION:	0001 Bid Items					LCC:		
613-50210	Temporary Lighting	1.000 LS	7,721.64000	7,721.64	7,721.64000	7,721.64		
614-00011	Sign Panel (Class I)	3.000 SF	19.55000	58.65	19.55000	58.65		
614-01502	Steel Sign Support (2-Inch Round)(Post & Socket)	14.000 LF	27.16000	380.24	27.16000	380.24		
614-72832	Communications Cabinet (Type 2)	1.000 EACH	17,649.49000	17,649.49	17,649.49000	17,649.49		
614-87010	Fiber Optic Cable (Single Mode) (12 Fiber)	315.000 LF	5.52000	1,738.80	5.52000	1,738.80		
614-87012	Fiber Optic Termination Panel (12 Fiber)	1.000 EACH	1,544.33000	1,544.33	1,544.33000	1,544.33		
614-87320	Closed Circuit Television	1.000 EACH	8,824.74000	8,824.74	8,824.74000	8,824.74		
614-87350	Test Fiber Optic Cable	1.000 LS	22,061.86000	22,061.86	22,061.86000	22,061.86		
614-87402	Breakaway Tapered ITS Pole Steel (40 Feet)	1.000 EACH	6,618.56000	6,618.56	6,618.56000	6,618.56		
614-87692	Ethernet Switch Type II	1.000 EACH	2,757.73000	2,757.73	2,757.73000	2,757.73		
615-00030	Embankment Protector Type 3	1.000 EACH	1,759.79000	1,759.79	1,759.79000	1,759.79		
618-01172	Prestressed Concrete I (CBT72)	3,906.000 LF	408.89000	1,597,124. 34	408.89000	1,597,124. 34		
620-00002	Field Office (Class 2)	1.000 EACH	174,848.70000	174,848.70	174,848.70000	174,848.70		
620-00012	Field Laboratory (Class 2)	1.000 EACH	119,858.19000	119,858.19	119,858.19000	119,858.19		
620-00020	Sanitary Facility	1.000 EACH	4,948.75000	4,948.75	4,948.75000	4,948.75		

Page 11 of 12

08/04/2021

Printed On:

				(0) -EST- Engineer's Estimate		(1) 870A SEMA CONSTRUCTION, INC.			
Item Code	Description	Quan	tity	Unit Price	Amount	Unit Price	Amount	Unit Price	Amount
SECTION:	0001 Bid Items						LCC:		
625-00000	Construction Surveying	1.000	LS	244,639.30000	244,639.30	244,639.30000	244,639.30		
626-00100	Mobilization (without Autopay)	1.000	LS	3,981,793. 47000	3,981,793. 47	3,981,793. 47000	3,981,793. 47		
626-01113	Public Information Management (Tier III)	704.000	DAY	218.66000	153,936.64	218.66000	153,936.64		
627-00008	Modified Epoxy Pavement Marking	103.000	GAL	204.62000	21,075.86	204.62000	21,075.86		
627-00013	Pavement Marking Paint (High Build)	810.000	GAL	121.71000	98,585.10	121.71000	98,585.10		
627-01001	Preformed Plastic Pavement Marking (Type I)	299.000	SF	13.58000	4,060.42	13.58000	4,060.42		
627-02001	Preformed Plastic Pavement Marking (Type II)	721.000	SF	14.82000	10,685.22	14.82000	10,685.22		
630-00000	Flagging	1,000.000	HOUR	29.96000	29,960.00	29.96000	29,960.00		
630-00007	Traffic Control Inspection	509.000	DAY	214.00000	108,926.00	214.00000	108,926.00		
630-00012	Traffic Control Management	509.000	DAY	1,070.00000	544,630.00	1,070.00000	544,630.00		
630-00017	Traffic Control Management (Special)	100.000	DAY	2,034.89000	203,489.00	2,034.89000	203,489.00		
630-80002	Flashing Beacon (Solar)	10.000	EACH	1,284.00000	12,840.00	1,284.00000	12,840.00		
630-80335	Barricade (Type 3 M-A) (Temporary)	9.000	EACH	214.00000	1,926.00	214.00000	1,926.00		
630-80341	Construction Traffic Sign (Panel Size A)	62.000	EACH	96.30000	5,970.60	96.30000	5,970.60		
630-80342	Construction Traffic Sign (Panel Size B)	59.000	EACH	117.70000	6,944.30	117.70000	6,944.30		

Page 12 of 12

08/04/2021

Printed On:

			(0) -EST- Engineer's Estimate		(1) 870A SEMA CONSTRUCTION, INC.			
Item Code	Description	Quantity	Unit Price	Amount	Unit Price	Amount	Unit Price	Amount
SECTION:	0001 Bid Items					LCC:		
630-80343	Construction Traffic Sign (Panel Size C)	48.000 EACH	117.70000	5,649.60	117.70000	5,649.60		
630-80344	Construction Traffic Sign (Special)	113.000 SF	24.61000	2,780.93	24.61000	2,780.93		
630-80355	Portable Message Sign Panel	4.000 EACH	12,840.00000	51,360.00	12,840.00000	51,360.00		
630-80358	Advance Warning Flashing or Sequencing Arrow Panel (C Type)	5.000 EACH	1,391.00000	6,955.00	1,391.00000	6,955.00		
630-80360	Drum Channelizing Device	200.000 EACH	48.15000	9,630.00	48.15000	9,630.00		
630-80367	Portable Traffic Speed Monitor	4.000 EACH	6,420.00000	25,680.00	6,420.00000	25,680.00		
630-80370	Barrier (Temporary)	7,030.000 LF	62.86000	441,905.80	62.86000	441,905.80		
630-80378	Glare Screen (Temporary)	1,720.000 LF	40.29000	69,298.80	40.29000	69,298.80		
630-80380	Traffic Cone	400.000 EACH	14.98000	5,992.00	14.98000	5,992.00		
630-85010	Impact Attenuator (Temporary)	8.000 EACH	10,566.73000	84,533.84	10,566.73000	84,533.84		
630-85041	Mobile Attenuator	140.000 DAY	642.00000	89,880.00	642.00000	89,880.00		
632-00000	Night Work Lighting	1.000 LS	152,626.59000	152,626.59	152,626.59000	152,626.59		
641-10010	Initial Shotcrete Facing	10,202.000 SF	14.21000	144,970.42	14.21000	144,970.42		
Section To	tals:		\$18,28	5,665.17	\$18,28	35,665.17		
Contract (Grand Totals		\$18,2	85,665.17	\$18,2	85,665.17		

Low Bid Item Analysis

Page 1 of 16

08/04/2021

Printed On:

Line	Item/ Description	Quantity	Estimated Price	Bid Price/ Units	Estimated Amount	Bid Amount	Bid Est %	Overrun (+) Underrun (-)
SECTION:	0001	Bid Items						
0005	201-00000 Clearing and Gro	1.000 ubbing	51,608.18000	51,608.18000 L S	51,608.18	51,608.18	100.00%	0.00
0010	202-00026 Removal of Slop	1,560.000 e and Ditch Paving	14.26000	14.26000 SY	22,245.60	22,245.60	100.00%	0.00
0015	202-00040 Removal of Elec	389.000 trical Conduit	8.82000	8.82000 LF	3,430.98	3,430.98	100.00%	0.00
0020	202-00055 Removal of Fibe	168.000 r Optic Cable	4.41000	4.41000 LF	740.88	740.88	100.00%	0.00
0025	202-00090 Removal of Delir	11.000 neator	4.35000	4.35000 EACH	47.85	47.85	100.00%	0.00
0030	202-00210 Removal of Con-	60.000 crete Pavement	22.86000	22.86000 SY	1,371.60	1,371.60	100.00%	0.00
0035	202-00220 Removal of Aspl	8,040.000 nalt Mat	7.86000	7.86000 SY	63,194.40	63,194.40	100.00%	0.00
0040	202-00222 Removal of Deta	3,683.000 our Pavement	6.62000	6.62000 SY	24,381.46	24,381.46	100.00%	0.00
0045	202-00240 Removal of Aspl	5,040.000 nalt Mat (Planing)	4.36000	4.36000 SY	21,974.40	21,974.40	100.00%	0.00
0050	202-00248 Removal of Rum	7,110.000 able Strips	5.61000	5.61000 LF	39,887.10	39,887.10	100.00%	0.00
0055	202-00250 Removal of Pave	17,341.000 ement Marking	1.17000	1.17000 SF	20,288.97	20,288.97	100.00%	0.00
0060	202-00251 Removal of Pave Grooving)	2,825.000 ement Marking (Asph	2.02000 alt	2.02000 SF	5,706.50	5,706.50	100.00%	0.00

Low Bid Item Analysis

Printed On: Page 2 of 16

08/04/2021

Line	Item/ Description	Quantity	Estimated Price	Bid Price/ Units	Estimated Amount	Bid Amount	Bid Est %	Overrun (+) Underrun (-)
SECTION:	0001	Bid Items						
0065	202-00252 Removal of Pave Grooving)	2,038.000 ement Marking (Co	2.20000 ncrete	2.20000 SF	4,483.60	4,483.60	100.00%	0.00
0070	202-00400 Removal of Brid	2.000 ge	229,517.29000	229,517.29000 EACH	459,034.58	459,034.58	100.00%	0.00
0075	202-00700 Removal of Ligh	1.000 t Standard	551.54000	551.54000 EACH	551.54	551.54	100.00%	0.00
0800	202-00705 Removal of Ligh	1.000 t Standard Founda	496.39000 tion	496.39000 EACH	496.39	496.39	100.00%	0.00
0085	202-00715 Removal of Clos	1.000 sed Circuit Television	551.54000 on Pole	551.54000 EACH	551.54	551.54	100.00%	0.00
0090	202-00720 Removal of Clos	1.000 sed Circuit Camera	275.77000	275.77000 EACH	275.77	275.77	100.00%	0.00
0095	202-00810 Removal of Gro	3.000 und Sign	73.87000	73.87000 EACH	221.61	221.61	100.00%	0.00
0100	202-00827 Removal of Pull	1.000 Box	220.62000	220.62000 EACH	220.62	220.62	100.00%	0.00
0105	202-01130 Removal of Gua	4,152.000 rdrail Type 3	4.81000	4.81000 LF	19,971.12	19,971.12	100.00%	0.00
0110	202-01180 Removal of Med	182.000 lian Barrier	25.84000	25.84000 LF	4,702.88	4,702.88	100.00%	0.00
0115	202-01300 Removal of End	7.000 Anchorage	673.59000	673.59000 EACH	4,715.13	4,715.13	100.00%	0.00
0120	202-04001 Plug Culvert	1.000	4,657.19000	4,657.19000 EACH	4,657.19	4,657.19	100.00%	0.00

Low Bid Item Analysis

Page 3 of 16

08/04/2021

Printed On:

Line	Item/ Description	Quantity	Estimated Price	Bid Price/ Units	Estimated Amount	Bid Amount	Bid Est %	Overrun (+) Underrun (-)
SECTION:	0001	Bid Items						
0125	203-00000 Unclassified Exc	8,869.000 cavation	19.01000	19.01000 CY	168,599.69	168,599.69	100.00%	0.00
0130	203-01100 Proof Rolling	50.000	114.80000	114.80000 HOUR	5,740.00	5,740.00	100.00%	0.00
0135	203-01500 Blading Erosion	50.000 Control	180.81000	180.81000 HOUR	9,040.50	9,040.50	100.00%	0.00
0140	203-01510 Backhoe	50.000	191.72000	191.72000 HOUR	9,586.00	9,586.00	100.00%	0.00
0145	203-01550 Dozing	50.000	181.80000	181.80000 HOUR	9,090.00	9,090.00	100.00%	0.00
0150	203-01594 Combination Lo	50.000 ader	108.06000	108.06000 HOUR	5,403.00	5,403.00	100.00%	0.00
0155	203-01597 Potholing	80.000	487.58000	487.58000 HOUR	39,006.40	39,006.40	100.00%	0.00
0160	203-02330 Laborer Erosion	50.000 Control	49.98000	49.98000 HOUR	2,499.00	2,499.00	100.00%	0.00
0165	206-00000 Structure Excav	5,004.000 ation	20.18000	20.18000 CY	100,980.72	100,980.72	100.00%	0.00
0170	206-00100 Structure Backfi	7,382.000 Il (Class 1)	35.13000	35.13000 CY	259,329.66	259,329.66	100.00%	0.00
0175	206-00200 Structure Backfi	328.000 Il (Class 2)	33.23000	33.23000 CY	10,899.44	10,899.44	100.00%	0.00
0180	206-00360 Mechanical Reir	4,587.000 Inforcement of Soil	14.07000	14.07000 CY	64,539.09	64,539.09	100.00%	0.00

Low Bid Item Analysis

Page 4 of 16

08/04/2021

Printed On:

Line	Item/ Description	Quantity	Estimated Price	Bid Price/ Units	Estimated Amount	Bid Amount	Bid Est %	Overrun (+) Underrun (-)
SECTION:	0001	Bid Items						
0185	206-00520 Filter Material (Cla	39.000 ass B)	225.49000	225.49000 CY	8,794.11	8,794.11	100.00%	0.00
0190	206-01781 Shoring (Area 1)	1.000	26,791.27000	26,791.27000 L S	26,791.27	26,791.27	100.00%	0.00
0195	206-01782 Shoring (Area 2)	1.000	26,791.27000	26,791.27000 L S	26,791.27	26,791.27	100.00%	0.00
0200	206-01783 Shoring (Area 3)	1.000	26,791.27000	26,791.27000 L S	26,791.27	26,791.27	100.00%	0.00
0205	206-01784 Shoring (Area 4)	1.000	26,791.27000	26,791.27000 L S	26,791.27	26,791.27	100.00%	0.00
0210	207-00205 Topsoil	1,366.000	17.64000	17.64000 CY	24,096.24	24,096.24	100.00%	0.00
0215	208-00002 Erosion Log Type	930.000 1 (12 Inch)	3.60000	3.60000 LF	3,348.00	3,348.00	100.00%	0.00
0220	208-00020 Silt Fence	2,861.000	1.32000	1.32000 LF	3,776.52	3,776.52	100.00%	0.00
0225	208-00035 Aggregate Bag	50.000	6.62000	6.62000 LF	331.00	331.00	100.00%	0.00
0230	208-00045 Concrete Washou	4.000 It Structure	4,883.99000	4,883.99000 EACH	19,535.96	19,535.96	100.00%	0.00
0235	208-00056 Storm Drain Inlet	4.000 Protection (Type	286.80000 II)	286.80000 EACH	1,147.20	1,147.20	100.00%	0.00
0240	208-00070 Vehicle Tracking l	3.000 Pad	3,625.12000	3,625.12000 EACH	10,875.36	10,875.36	100.00%	0.00

Low Bid Item Analysis

Page 5 of 16

08/04/2021

Printed On:

Line	Item/ Description	Quantity	Estimated Price	Bid Price/ Units	Estimated Amount	Bid Amount	Bid Est %	Overrun (+) Underrun (-)
SECTION:	0001	Bid Items						
0245	208-00071 Maintenance Agg	75.000 gregate (Vehicle	104.75000 Tracking Pad)	104.75000 CY	7,856.25	7,856.25	100.00%	0.00
0250	208-00075 Pre-fabricated Ve	2.000 ehicle Tracking P	17,135.29000 ad	17,135.29000 EACH	34,270.58	34,270.58	100.00%	0.00
0255	208-00106 Sweeping (Sedin	160.000 nent Removal)	240.75000	240.75000 HOUR	38,520.00	38,520.00	100.00%	0.00
0260	208-00200 Erosion Control N	1.000 Management	236,904.05000	236,904.05000 L S	236,904.05	236,904.05	100.00%	0.00
0265	208-00400 Water Control	1.000	58,504.15000	58,504.15000 L S	58,504.15	58,504.15	100.00%	0.00
0270	210-00810 Reset Ground Si	4.000 gn	418.22000	418.22000 EACH	1,672.88	1,672.88	100.00%	0.00
0275	210-04020 Modify Inlet	1.000	2,593.12000	2,593.12000 EACH	2,593.12	2,593.12	100.00%	0.00
0280	212-00006 Seeding (Native)	3.000	926.60000	926.60000 ACRE	2,779.80	2,779.80	100.00%	0.00
0285	212-00032 Soil Conditioning	3.000	3,686.54000	3,686.54000 ACRE	11,059.62	11,059.62	100.00%	0.00
0290	213-00003 Mulching (Weed	2.000 Free)	639.80000	639.80000 ACRE	1,279.60	1,279.60	100.00%	0.00
0295	213-00012 Spray-on Mulch I	3.000 Blanket	3,587.26000	3,587.26000 ACRE	10,761.78	10,761.78	100.00%	0.00
0300	213-00061 Mulch Tackifier	224.000	2.74000	2.74000 LB	613.76	613.76	100.00%	0.00

Low Bid Item Analysis

Page 6 of 16

08/04/2021

Printed On:

Line	Item/ Description	Quantity	Estimated Price	Bid Price/ Units	Estimated Amount	Bid Amount	Bid Est %	Overrun (+) Underrun (-)
SECTION:	0001	Bid Items						
0305	240-00010 Removal of Nes	100.000 ts	189.54000	189.54000 HOUR	18,954.00	18,954.00	100.00%	0.00
0310	240-00020 Netting	3,650.000	9.50000	9.50000 SY	34,675.00	34,675.00	100.00%	0.00
0315	304-06000 Aggregate Base	5,928.000 Course (Class 6)	29.73000	29.73000 TON	176,239.44	176,239.44	100.00%	0.00
0320	304-08002 Aggregate Base	103.000 Course (Shoulder Mat	193.68000 erial)	193.68000 CY	19,949.04	19,949.04	100.00%	0.00
0325	403-00720 Hot Mix Asphalt	133.000 (Patching) (Asphalt)	152.06000	152.06000 TON	20,223.98	20,223.98	100.00%	0.00
0330	403-02000 Hot Mix Asphalt	1,583.000 (Special)	84.71000	84.71000 TON	134,095.93	134,095.93	100.00%	0.00
0335	403-09210 Stone Matrix Asp	594.000 ohalt	133.28000	133.28000 TON	79,168.32	79,168.32	100.00%	0.00
0340	403-33841 Hot Mix Asphalt	3,449.000 (Grading S) (100) (PG	85.84000 64-22)	85.84000 TON	296,062.16	296,062.16	100.00%	0.00
0345	403-40000 HMA Safety Edg	726.000 ge	8.47000	8.47000 LF	6,149.22	6,149.22	100.00%	0.00
0350	411-10255 Emulsified Asph	1,267.000 alt (Slow-Setting)	4.86000	4.86000 GAL	6,157.62	6,157.62	100.00%	0.00
0355	412-00800 Concrete Pavem	7,829.000 nent (8 Inch)	79.76000	79.76000 SY	624,441.04	624,441.04	100.00%	0.00
0360	412-02000 Concrete Safety	1,701.000 Edge	5.40000	5.40000 LF	9,185.40	9,185.40	100.00%	0.00

Low Bid Item Analysis

Page 7 of 16

08/04/2021

Printed On:

Line	Item/ Description	Quantity	Estimated Price	Bid Price/ Units	Estimated Amount	Bid Amount	Bid Est %	Overrun (+) Underrun (-)
SECTION:	0001	Bid Items						
0365	420-00000 Geomembrane	1,530.000	26.47000	26.47000 SY	40,499.10	40,499.10	100.00%	0.00
0370	420-00112 Geotextile (Draina	18.000 age) (Class 1)	67.59000	67.59000 SY	1,216.62	1,216.62	100.00%	0.00
0375	502-00460 Pile Tip	48.000	191.78000	191.78000 EACH	9,205.44	9,205.44	100.00%	0.00
0380	502-02010 Dynamic Pile Tes	6.000 st	2,728.50000	2,728.50000 EACH	16,371.00	16,371.00	100.00%	0.00
0385	502-11489 Steel Piling (HP 1	1,475.000 4x89)	127.30000	127.30000 LF	187,767.50	187,767.50	100.00%	0.00
0390	503-00024 Drilled Shaft (24 I	9.000 nch)	664.78000	664.78000 LF	5,983.02	5,983.02	100.00%	0.00
0395	503-00048 Drilled Shaft (48 I	206.000 nch)	914.88000	914.88000 LF	188,465.28	188,465.28	100.00%	0.00
0400	504-04420 Precast Panel Fa	15,747.000 cing	38.63000	38.63000 SF	608,306.61	608,306.61	100.00%	0.00
0405	504-06400 Soil Nail Wall	17,095.000	28.03000	28.03000 SF	479,172.85	479,172.85	100.00%	0.00
0410	504-06410 Verification Testir	6.000 ng	2,076.61000	2,076.61000 EACH	12,459.66	12,459.66	100.00%	0.00
0415	506-00212 Riprap (12 Inch)	33.000	193.87000	193.87000 CY	6,397.71	6,397.71	100.00%	0.00
0420	515-00400 Concrete Sealer	4,778.000	12.41000	12.41000 SY	59,294.98	59,294.98	100.00%	0.00

Low Bid Item Analysis

Page 8 of 16

08/04/2021

Printed On:

Line	Item/ Description	Quantity	Estimated Price	Bid Price/ Units	Estimated Amount	Bid Amount	Bid Est %	Overrun (+) Underrun (-)
SECTION:	0001	Bid Items						
0425	518-01004 Bridge Expansio	332.000 in Device (0-4 Inch)	218.91000	218.91000 LF	72,678.12	72,678.12	100.00%	0.00
0430	519-03035	4,331.000	50.80000	50.80000	220,014.80	220,014.80	100.00%	0.00
	Place Thin Bond	led Overlay (Polyest	er Concrete)	SY				
0435	519-03055	2,436.000	135.10000	135.10000	329,103.60	329,103.60	100.00%	0.00
	Furnish Thin Bor Concrete)	nded Overlay (Polye	ester	CF				
0440	601-03050	277.000	426.00000	426.00000	118,002.00	118,002.00	100.00%	0.00
	Concrete Class	D (Wall)		CY				
0445	601-04550	2,125.000	1,095.48000	1,095.48000	2,327,895.00	2,327,895.00	100.00%	0.00
	Concrete Class	G		CY				
0450	601-40250	4,778.000	10.25000	10.25000	48,974.50	48,974.50	100.00%	0.00
	Bridge Deck Fini	ish (Sawed Grooves	s)	SY				
0455	601-40300	2,033.000	12.41000	12.41000	25,229.53	25,229.53	100.00%	0.00
	Structural Concr	ete Coating		SY				
0460	602-00020	492,146.00	1.47000	1.47000	723,454.62	723,454.62	100.00%	0.00
	Reinforcing Stee	el (Epoxy Coated)		LB				
0465	603-01185	240.000	116.30000	116.30000	27,912.00	27,912.00	100.00%	0.00
	18 Inch Reinford Place)	ed Concrete Pipe (0	Complete In	LF				
0470	603-05018	1.000	1,583.09000	1,583.09000	1,583.09	1,583.09	100.00%	0.00
	18 Inch Reinforced Concrete End Section			EACH				
0475	603-10240	480.000	72.56000	72.56000	34,828.80	34,828.80	100.00%	0.00
	24 Inch Corruga	ted Steel Pipe		LF				

Low Bid Item Analysis

Page 9 of 16

08/04/2021

Printed On:

Line	Item/ Description	Quantity	Estimated Price	Bid Price/ Units	Estimated Amount	Bid Amount	Bid Est %	Overrun (+) Underrun (-)
SECTION:	0001	Bid Items						
0480	603-50018 18 Inch Plastic F	124.000 Pipe	93.88000	93.88000 LF	11,641.12	11,641.12	100.00%	0.00
0485	604-13005 Inlet Type 13 (5	1.000 Foot)	4,507.96000	4,507.96000 EACH	4,507.96	4,507.96	100.00%	0.00
0490	604-25000 Vane Grate Inlet	2.000 Special	17,825.56000	17,825.56000 EACH	35,651.12	35,651.12	100.00%	0.00
0495	604-25010 Vane Grate Inlet	1.000 t (10 Foot)	8,215.90000	8,215.90000 EACH	8,215.90	8,215.90	100.00%	0.00
0500	604-26005 Vane Grate Inlet	1.000 t (Double) (5 Foot)	10,618.23000	10,618.23000 EACH	10,618.23	10,618.23	100.00%	0.00
0505	604-30015 Manhole Slab Ba	1.000 ase (15 Foot)	6,597.09000	6,597.09000 EACH	6,597.09	6,597.09	100.00%	0.00
0510	606-00301 Guardrail Type 3	1,146.000 3 (6-3 Post Spacing)	31.28000	31.28000 LF	35,846.88	35,846.88	100.00%	0.00
0515	606-00350 Guardrail Type 3	1,174.000 3 (Double) (6-3 Post	48.66000 Spacing)	48.66000 LF	57,126.84	57,126.84	100.00%	0.00
0520	606-00915 Guardrail Type 9	325.000 9 (Style CG)	230.68000	230.68000 LF	74,971.00	74,971.00	100.00%	0.00
0525	606-01340 End Anchorage	3.000 Type 3D	1,072.16000	1,072.16000 EACH	3,216.48	3,216.48	100.00%	0.00
0530	606-01370 Transition Type	4.000 3G	3,446.70000	3,446.70000 EACH	13,786.80	13,786.80	100.00%	0.00
0535	606-01380 Transition Type	2.000 3H	1,229.96000	1,229.96000 EACH	2,459.92	2,459.92	100.00%	0.00

Low Bid Item Analysis

Page 10 of 16

08/04/2021

Printed On:

Line	Item/ Description	Quantity	Estimated Price	Bid Price/ Units	Estimated Amount	Bid Amount	Bid Est %	Overrun (+) Underrun (-)
SECTION:	0001	Bid Items						
0540	606-01400 Transition Type I	4.000 BR10M-GR3	3,210.00000	3,210.00000 EACH	12,840.00	12,840.00	100.00%	0.00
0545	606-02005 End Anchorage	1.000 (Flared)	3,463.99000	3,463.99000 EACH	3,463.99	3,463.99	100.00%	0.00
0550	606-11035 Bridge Rail Type	650.000 10 MASH	300.34000	300.34000 LF	195,221.00	195,221.00	100.00%	0.00
0555	606-20014 Tensioned Cable	425.000 Barrier (TL-4)	50.20000	50.20000 LF	21,335.00	21,335.00	100.00%	0.00
0560	606-21010 End Anchorage	1.000 (Tensioned Cable I	25,203.76000 Barrier)	25,203.76000 EACH	25,203.76	25,203.76	100.00%	0.00
0565	607-11525 Fence (Plastic)	325.000	4.41000	4.41000 LF	1,433.25	1,433.25	100.00%	0.00
0570	607-55110 Safety Rail (Cab	425.000 le)	54.83000	54.83000 LF	23,302.75	23,302.75	100.00%	0.00
0575	609-24002 Gutter Type 2 (2	425.000 Foot)	37.77000	37.77000 LF	16,052.25	16,052.25	100.00%	0.00
0580	609-60011 Curb Type 6 (Se	747.000 ction M)	2.54000	2.54000 LF	1,897.38	1,897.38	100.00%	0.00
0585	610-00030 Median Cover M	8,814.000 aterial (Concrete)	12.74000	12.74000 SF	112,290.36	112,290.36	100.00%	0.00
0590	612-00111 Delineator (Driva	13.000 able)(Type I)	73.87000	73.87000 EACH	960.31	960.31	100.00%	0.00
0595	612-00112 Delineator (Driva	3.000 able)(Type II)	81.47000	81.47000 EACH	244.41	244.41	100.00%	0.00

Colorado Department Of Transportation Low Bid Item Analysis

Printed On:

Page 11 of 16

08/04/2021

Line	Item/ Description	Quantity	Estimated Price	Bid Price/ Units	Estimated Amount	Bid Amount	Bid Est %	Overrun (+) Underrun (-)
SECTION:	0001	Bid Items						
0600	612-00113 Delineator (Driva	5.000 able)(Type III)	84.73000	84.73000 EACH	423.65	423.65	100.00%	0.00
0605	612-00260 Location Marker	1.000 (Fiber Optic)(Dome)	220.62000	220.62000 EACH	220.62	220.62	100.00%	0.00
0610	613-00102 1 Inch Electrical Conduit) (Specia	920.000 Conduit (Galvanized al)	11.03000 Rigid	11.03000 LF	10,147.60	10,147.60	100.00%	0.00
0615	613-00200 2 Inch Electrical	670.000 Conduit	13.24000	13.24000 LF	8,870.80	8,870.80	100.00%	0.00
0620	613-00306 3 Inch Electrical	55.000 Conduit (Bored)	44.12000	44.12000 LF	2,426.60	2,426.60	100.00%	0.00
0625	613-01100 1 Inch Electrical	315.000 Conduit (Plastic)	8.82000	8.82000 LF	2,778.30	2,778.30	100.00%	0.00
0630	613-01150 1-1/2 Inch Electi	348.000 rical Conduit (Plastic)	9.93000	9.93000 LF	3,455.64	3,455.64	100.00%	0.00
0635	613-01200 2 Inch Electrical	1,195.000 Conduit (Plastic)	13.24000	13.24000 LF	15,821.80	15,821.80	100.00%	0.00
0640	613-07000 Pull Box (Specia	18.000 al)	441.24000	441.24000 EACH	7,942.32	7,942.32	100.00%	0.00
0645	613-07001 Type One Pull B	2.000 Box	496.40000	496.40000 EACH	992.80	992.80	100.00%	0.00
0650	613-07002 Type Two Pull B	3.000 Box	606.70000	606.70000 EACH	1,820.10	1,820.10	100.00%	0.00
0655	613-07011 Pull Box (11"x18	1.000 3"x12")	496.39000	496.39000 EACH	496.39	496.39	100.00%	0.00

Low Bid Item Analysis

Page 12 of 16

08/04/2021

Printed On:

Line	Item/ Description	Quantity	Estimated Price	Bid Price/ Units	Estimated Amount	Bid Amount	Bid Est %	Overrun (+) Underrun (-)
SECTION:	0001	Bid Items						
0660	613-07070 EMS Ball Marke	5.000 r	220.62000	220.62000 EACH	1,103.10	1,103.10	100.00%	0.00
0665	613-10000 Wiring	1.000	33,092.78000	33,092.78000 L S	33,092.78	33,092.78	100.00%	0.00
0670	613-13006 Luminaire (LED)	16.000 (6,000 Lumens)	1,103.09000	1,103.09000 EACH	17,649.44	17,649.44	100.00%	0.00
0675	613-13016 Luminaire (LED)	2.000 (16,000 Lumens)	1,654.64000	1,654.64000 EACH	3,309.28	3,309.28	100.00%	0.00
0680	613-32350 Light Standard S	2.000 Steel (35 Foot)	3,860.82000	3,860.82000 EACH	7,721.64	7,721.64	100.00%	0.00
0685	613-40015 Light Standard A	2.000 Inchor	1,654.64000	1,654.64000 EACH	3,309.28	3,309.28	100.00%	0.00
0690	613-40020 Transformer Bas	2.000 se Aluminum	551.55000	551.55000 EACH	1,103.10	1,103.10	100.00%	0.00
0695	613-50210 Temporary Light	1.000 ing	7,721.64000	7,721.64000 L S	7,721.64	7,721.64	100.00%	0.00
0700	614-00011 Sign Panel (Clas	3.000 ss I)	19.55000	19.55000 SF	58.65	58.65	100.00%	0.00
0705	614-01502 Steel Sign Suppo Socket)	14.000 ort (2-Inch Round)(P	27.16000 ost &	27.16000 LF	380.24	380.24	100.00%	0.00
0710	614-72832 Communications	1.000 Cabinet (Type 2)	17,649.49000	17,649.49000 EACH	17,649.49	17,649.49	100.00%	0.00
0715	614-87010 Fiber Optic Cabl	315.000 e (Single Mode) (12	5.52000 Fiber)	5.52000 LF	1,738.80	1,738.80	100.00%	0.00

Low Bid Item Analysis

Page 13 of 16

08/04/2021

Printed On:

Line	Item/ Description	Quantity	Estimated Price	Bid Price/ Units	Estimated Amount	Bid Amount	Bid Est %	Overrun (+) Underrun (-)
SECTION:	0001	Bid Items						
0720	614-87012 Fiber Optic Term	1.000 nination Panel (12	1,544.33000 2 Fiber)	1,544.33000 EACH	1,544.33	1,544.33	100.00%	0.00
0725	614-87320 Closed Circuit To	1.000 elevision	8,824.74000	8,824.74000 EACH	8,824.74	8,824.74	100.00%	0.00
0730	614-87350 Test Fiber Optic	1.000 Cable	22,061.86000	22,061.86000 L S	22,061.86	22,061.86	100.00%	0.00
0735	614-87402 Breakaway Tape	1.000 ered ITS Pole Ste	6,618.56000 el (40 Feet)	6,618.56000 EACH	6,618.56	6,618.56	100.00%	0.00
0740	614-87692 Ethernet Switch	1.000 Type II	2,757.73000	2,757.73000 EACH	2,757.73	2,757.73	100.00%	0.00
0745	615-00030 Embankment Pr	1.000 otector Type 3	1,759.79000	1,759.79000 EACH	1,759.79	1,759.79	100.00%	0.00
0750	618-01172 Prestressed Cor	3,906.000 acrete I (CBT72)	408.89000	408.89000 LF	1,597,124.34	1,597,124.34	100.00%	0.00
0755	620-00002 Field Office (Cla	1.000 ss 2)	174,848.70000	174,848.70000 EACH	174,848.70	174,848.70	100.00%	0.00
0760	620-00012 Field Laboratory	1.000 (Class 2)	119,858.19000	119,858.19000 EACH	119,858.19	119,858.19	100.00%	0.00
0765	620-00020 Sanitary Facility	1.000	4,948.75000	4,948.75000 EACH	4,948.75	4,948.75	100.00%	0.00
0770	625-00000 Construction Sur	1.000 rveying	244,639.30000	244,639.30000 L S	244,639.30	244,639.30	100.00%	0.00
0775	626-00100 Mobilization (with	1.000 hout Autopay)	3,981,793.47000	3,981,793.47000 L S	3,981,793.47	3,981,793.47	100.00%	0.00

Low Bid Item Analysis

Page 14 of 16

08/04/2021

Printed On:

Line	Item/ Description	Quantity	Estimated Price	Bid Price/ Units	Estimated Amount	Bid Amount	Bid Est %	Overrun (+) Underrun (-)
SECTION:	0001	Bid Items						
0780	626-01113 Public Information	704.000 on Management (Tier I	218.66000 II)	218.66000 DAY	153,936.64	153,936.64	100.00%	0.00
0785	627-00008 Modified Epoxy	103.000 Pavement Marking	204.62000	204.62000 GAL	21,075.86	21,075.86	100.00%	0.00
0790	627-00013 Pavement Marki	810.000 ng Paint (High Build)	121.71000	121.71000 GAL	98,585.10	98,585.10	100.00%	0.00
0795	627-01001 Preformed Plast	299.000 ic Pavement Marking	13.58000 (Type I)	13.58000 SF	4,060.42	4,060.42	100.00%	0.00
0800	627-02001 Preformed Plast	721.000 ic Pavement Marking	14.82000 (Type II)	14.82000 SF	10,685.22	10,685.22	100.00%	0.00
0805	630-00000 Flagging	1,000.000	29.96000	29.96000 HOUR	29,960.00	29,960.00	100.00%	0.00
0810	630-00007 Traffic Control Ir	509.000 spection	214.00000	214.00000 DAY	108,926.00	108,926.00	100.00%	0.00
0815	630-00012 Traffic Control M	509.000 lanagement	1,070.00000	1,070.00000 DAY	544,630.00	544,630.00	100.00%	0.00
0820	630-00017 Traffic Control M	100.000 lanagement (Special)	2,034.89000	2,034.89000 DAY	203,489.00	203,489.00	100.00%	0.00
0825	630-80002 Flashing Beacor	10.000 n (Solar)	1,284.00000	1,284.00000 EACH	12,840.00	12,840.00	100.00%	0.00
0830	630-80335 Barricade (Type	9.000 3 M-A) (Temporary)	214.00000	214.00000 EACH	1,926.00	1,926.00	100.00%	0.00
0835	630-80341 Construction Tra	62.000 offic Sign (Panel Size <i>I</i>	96.30000 A)	96.30000 EACH	5,970.60	5,970.60	100.00%	0.00

Low Bid Item Analysis

Page 15 of 16

08/04/2021

Printed On:

Line	Item/ Description	Quantity	Estimated Price	Bid Price/ Units	Estimated Amount	Bid Amount	Bid Est %	Overrun (+) Underrun (-)
SECTION:	0001	Bid Items						
0840	630-80342 Construction Tra	59.000 ffic Sign (Panel Siz	117.70000 ze B)	117.70000 EACH	6,944.30	6,944.30	100.00%	0.00
0845	630-80343 Construction Tra	48.000 ffic Sign (Panel Siz	117.70000 ze C)	117.70000 EACH	5,649.60	5,649.60	100.00%	0.00
0850	630-80344 Construction Tra	113.000 ffic Sign (Special)	24.61000	24.61000 SF	2,780.93	2,780.93	100.00%	0.00
0855	630-80355 Portable Messag	4.000 je Sign Panel	12,840.00000	12,840.00000 EACH	51,360.00	51,360.00	100.00%	0.00
0860	630-80358 Advance Warnin Panel (C Type)	5.000 g Flashing or Sequ	1,391.00000 encing Arrow	1,391.00000 EACH	6,955.00	6,955.00	100.00%	0.00
0865	630-80360 Drum Channelizi	200.000 ng Device	48.15000	48.15000 EACH	9,630.00	9,630.00	100.00%	0.00
0870	630-80367 Portable Traffic S	4.000 Speed Monitor	6,420.00000	6,420.00000 EACH	25,680.00	25,680.00	100.00%	0.00
0875	630-80370 Barrier (Tempora	7,030.000 ary)	62.86000	62.86000 LF	441,905.80	441,905.80	100.00%	0.00
0880	630-80378 Glare Screen (Te	1,720.000 emporary)	40.29000	40.29000 LF	69,298.80	69,298.80	100.00%	0.00
0885	630-80380 Traffic Cone	400.000	14.98000	14.98000 EACH	5,992.00	5,992.00	100.00%	0.00
0890	630-85010 Impact Attenuato	8.000 or (Temporary)	10,566.73000	10,566.73000 EACH	84,533.84	84,533.84	100.00%	0.00
0895	630-85041 Mobile Attenuato	140.000 or	642.00000	642.00000 DAY	89,880.00	89,880.00	100.00%	0.00

Page 16 of 16

08/04/2021

Printed On:

Low Bid Item Analysis

Line	Item/ Description	Quantity	Estimated Price	Bid Price/ Units	Estimated Amount	Bid Amount	Bid Est %	Overrun (+) Underrun (-)
SECTION:	0001	Bid Items						
0900	632-00000	1.000	152,626.59000	152,626.59000	152,626.59	152,626.59	100.00%	0.00
	Night Work Ligh	ting		LS				
0905	641-10010	10,202.000	14.21000	14.21000	144,970.42	144,970.42	100.00%	0.00
	Initial Shotcrete	Facing		SF				
Section 0001 Subtotal					\$18,285,665.17	\$18,285,665.17	100.00%	\$0.00
Contra	ct Total for Cald	culated Low Bio	Iders Bid Items		\$18,285,665.17	\$18,285,665.17	100.00%	\$0.00