

Colorado Department Of Transportation

Printed On: 08/05/2016

Low Bid Summary

Page 1 of 1

Letting Date: August 04, 2016

Call Order	Contract ID	Project(s)	# of Bids	Low Bidder	Estimated Cost	Corrected Bid	Percent of Estimate	Overrun (+) Underrun (-)
001	C20775	ITS SW01-622	3	INTERFACE COMMUNICATIONS COMPANY	\$1,438,325.00	\$1,231,817.60	85.64%	-\$206,507.40
Letting Totals			3		\$1,438,325.00	\$1,231,817.60	85.64%	-\$206,507.40

Colorado Department Of Transportation

Printed On: **08/05/2016**

Vendor Ranking

Page 1 of 1

Letting No: 20160804
 Letting Date: August 04, 2016
 Letting Time: 10:00 AM

Contract ID: C20775
 Region: 0010
 Contract Time: 91 WORKING DAYS

Project(s): ITS SW01-622
 Counties: STATEWIDE
 VARIOUS

Contract Description:

This project will replace 13 ITS Weather Stations (RWIS) in Regions 1,3, and 4. Towers and sensors will both be replaced, plus the addition of Cellular Modems and Non-Intrusive Sensors. Old towers and sensors will be removed and salvaged. ITS infrastructure that will be included with this project are: bored conduit, trenched conduit, pull boxes, location markers, light standards/foundations, and service meter cabinets.

A mandatory PRE-BID conference will be held on Thursday July 21, 2016 beginning at 1:00 P.M. at 425 Corporate Circle, Unit C, Golden, CO 80401.

Bids will be accepted only from pre-qualified bidders who attend the pre-bid conference.

Rank	Vendor ID	Vendor Name	Total Bid	Percent Of Low Bid	Percent Of Estimate
1	1231A	INTERFACE COMMUNICATIONS COMPANY	\$1,231,817.60	100.00%	85.64%
0	-EST-	Engineer's Estimate	\$1,438,325.00	116.76%	100.00%
2	720A	STURGEON ELECTRIC COMPANY, INC.	\$1,505,345.00	122.21%	104.66%
3	1507A	PAONIA, INC dba PAONIA, LLC	\$1,929,726.87	156.66%	134.16%

Tabulation of Bids

Letting No: 20160804
 Letting Date: August 04, 2016
 Letting Time: 10:00 AM

Contract ID: C20775
 Region: 0010

Counties: STATEWIDE
 VARIOUS

Item Code	Description	Quantity	(0) -EST- Engineer's Estimate		(1) 1231A INTERFACE COMMUNICATIONS		(2) 720A STURGEON ELECTRIC COMPANY, INC	
			Unit Price	Amount	Unit Price	Amount	Unit Price	Amount
SECTION:	0001 BID ITEMS					LCC:		
202-00001	Removal of Structure (Weather Station)	12.000 EACH	1,500.00000	18,000.00	1,649.00000	19,788.00	5,275.00000	63,300.00
203-01597	Potholing	40.000 HOUR	200.00000	8,000.00	1.15000	46.00	350.00000	14,000.00
208-00002	Erosion Log Type 1 (12 Inch)	300.000 LF	7.00000	2,100.00	4.46000	1,338.00	14.00000	4,200.00
208-00035	Aggregate Bag	100.000 LF	10.00000	1,000.00	5.12000	512.00	26.00000	2,600.00
208-00045	Concrete Washout Structure	12.000 EACH	400.00000	4,800.00	151.00000	1,812.00	645.00000	7,740.00
208-00103	Removal and Disposal of Sediment (Labor)	26.000 HOUR	50.00000	1,300.00	36.00000	936.00	90.00000	2,340.00
208-00106	Sweeping (Sediment Removal)	26.000 HOUR	125.00000	3,250.00	58.00000	1,508.00	200.00000	5,200.00
212-00006	Seeding (Native)	0.250 ACRE	4,000.00000	1,000.00	4,720.00000	1,180.00	4,600.00000	1,150.00
212-00032	Soil Conditioning	0.250 ACRE	4,000.00000	1,000.00	5,900.00000	1,475.00	5,600.00000	1,400.00
213-00012	Spray-on Mulch Blanket	0.150 ACRE	4,000.00000	600.00	9,440.00000	1,416.00	9,100.00000	1,365.00
216-00201	Soil Retention Blanket (Straw-Coconut) (Biodegradable Class 1)	4,500.000 SY	3.50000	15,750.00	2.18000	9,810.00	3.00000	13,500.00
607-11525	Fence (Plastic)	150.000 LF	10.00000	1,500.00	2.59000	388.50	7.00000	1,050.00
612-00260	Location Marker (Fiber Optic)(Dome)	10.000 EACH	80.00000	800.00	36.00000	360.00	120.00000	1,200.00
612-00270	Location Marker (Utility)(Flat Slat)	29.000 EACH	75.00000	2,175.00	28.00000	812.00	110.00000	3,190.00

Tabulation of Bids

Letting No: 20160804
 Letting Date: August 04, 2016
 Letting Time: 10:00 AM

Contract ID: C20775
 Region: 0010

Counties: STATEWIDE
 VARIOUS

Item Code	Description	Quantity	(0) -EST- Engineer's Estimate		(1) 1231A INTERFACE COMMUNICATIONS COMPANY		(2) 720A STURGEON ELECTRIC COMPANY, INC	
			Unit Price	Amount	Unit Price	Amount	Unit Price	Amount
SECTION:	0001	BID ITEMS						
						LCC:		
613-00206	2 Inch Electrical Conduit (Bored)	1,075.000 LF	22.00000	23,650.00	32.42000	34,851.50	62.00000	66,650.00
613-01200	2 Inch Electrical Conduit (Plastic)	2,810.000 LF	12.00000	33,720.00	8.46000	23,772.60	18.00000	50,580.00
613-07011	Pull Box (11"x18"x12")	41.000 EACH	750.00000	30,750.00	562.00000	23,042.00	1,105.00000	45,305.00
613-07023	Pull Box (24"x36"x24")	10.000 EACH	1,500.00000	15,000.00	1,116.00000	11,160.00	1,965.00000	19,650.00
613-10000	Wiring	1.000 L S	35,000.00000	35,000.00	35,027.00000	35,027.00	34,000.00000	34,000.00
613-32300	Light Standard Steel (30 Foot)	6.000 EACH	2,500.00000	15,000.00	2,630.00000	15,780.00	2,215.00000	13,290.00
613-40010	Light Standard Foundation	6.000 EACH	1,250.00000	7,500.00	819.00000	4,914.00	2,075.00000	12,450.00
613-80130	Service Meter Cabinet	5.000 EACH	3,750.00000	18,750.00	4,244.00000	21,220.00	8,565.00000	42,825.00
614-86105	Telemetry (Field) (Cellular Modem)	10.000 EACH	1,500.00000	15,000.00	1,475.00000	14,750.00	2,050.00000	20,500.00
614-86741	Weather Monitoring System	13.000 EACH	65,000.00000	845,000.00	53,118.00000	690,534.00	54,000.00000	702,000.00
614-86752	Fold-Over Tower (ITS)	12.000 EACH	14,000.00000	168,000.00	10,127.00000	121,524.00	15,375.00000	184,500.00
614-87690	Ethernet Switch (3930)	1.000 EACH	7,000.00000	7,000.00	7,253.00000	7,253.00	7,400.00000	7,400.00
620-00020	Sanitary Facility	1.000 EACH	900.00000	900.00	777.00000	777.00	1,225.00000	1,225.00

Tabulation of Bids

Letting No: 20160804
 Letting Date: August 04, 2016
 Letting Time: 10:00 AM

Contract ID: C20775
 Region: 0010

Counties: STATEWIDE
 VARIOUS

Item Code	Description	Quantity	(0) -EST- Engineer's Estimate		(1) 1231A INTERFACE COMMUNICATIONS COMPANY		(2) 720A STURGEON ELECTRIC COMPANY, INC	
			Unit Price	Amount	Unit Price	Amount	Unit Price	Amount
SECTION:	0001	BID ITEMS						
						LCC:		
625-00000	Construction Surveying	1.000 L S	12,000.00000	12,000.00	1,770.00000	1,770.00	17,550.00000	17,550.00
626-00000	Mobilization	1.000 L S	80,000.00000	80,000.00	95,378.00000	95,378.00	70,000.00000	70,000.00
630-00000	Flagging	150.000 HOUR	25.00000	3,750.00	2.00000	300.00	27.00000	4,050.00
630-00007	Traffic Control Inspection	5.000 DAY	100.00000	500.00	236.00000	1,180.00	735.00000	3,675.00
630-00012	Traffic Control Management	80.000 DAY	725.00000	58,000.00	826.00000	66,080.00	910.00000	72,800.00
630-80342	Construction Traffic Sign (Panel Size B)	27.000 EACH	35.00000	945.00	118.00000	3,186.00	75.00000	2,025.00
630-80343	Construction Traffic Sign (Panel Size C)	6.000 EACH	35.00000	210.00	177.00000	1,062.00	110.00000	660.00
630-80351	Vertical Panel (Plastic)	25.000 EACH	10.00000	250.00	42.00000	1,050.00	55.00000	1,375.00
630-80358	Advance Warning Flashing or Sequencing Arrow Panel (C Type)	1.000 EACH	1,000.00000	1,000.00	1,770.00000	1,770.00	525.00000	525.00
630-80359	Portable Message Sign Panel	10.000 DAY	50.00000	500.00	148.00000	1,480.00	525.00000	5,250.00
630-80360	Drum Channelizing Device	25.000 EACH	25.00000	625.00	59.00000	1,475.00	55.00000	1,375.00
630-80380	Traffic Cone	100.000 EACH	10.00000	1,000.00	12.00000	1,200.00	2.00000	200.00
630-85041	Mobile Attenuator	10.000 DAY	300.00000	3,000.00	990.00000	9,900.00	325.00000	3,250.00

Tabulation of Bids

Letting No: 20160804
 Letting Date: August 04, 2016
 Letting Time: 10:00 AM

Contract ID: C20775
 Region: 0010

Counties: STATEWIDE
 VARIOUS

Item Code	Description	Quantity	(0) -EST- Engineer's Estimate		(1) 1231A INTERFACE COMMUNICATIONS COMPANY		(2) 720A STURGEON ELECTRIC COMPANY, INC	
			Unit Price	Amount	Unit Price	Amount	Unit Price	Amount
Section Totals:				\$1,438,325.00		\$1,231,817.60		\$1,505,345.00
Contract Grand Totals				\$1,438,325.00		\$1,231,817.60		\$1,505,345.00

Tabulation of Bids

Letting No: 20160804
 Letting Date: August 04, 2016
 Letting Time: 10:00 AM

Contract ID: C20775
 Region: 0010

Counties: STATEWIDE
 VARIOUS

Item Code	Description	Quantity	(3) 1507A PAONIA, INC		Unit Price	Amount	Unit Price	Amount	Unit Price	Amount
			Unit Price	Amount						
SECTION:	0001	BID ITEMS								
202-00001	Removal of Structure (Weather Station)	12.000 EACH	10,000.00000	120,000.00						
203-01597	Potholing	40.000 HOUR	200.00000	8,000.00						
208-00002	Erosion Log Type 1 (12 Inch)	300.000 LF	5.00000	1,500.00						
208-00035	Aggregate Bag	100.000 LF	4.00000	400.00						
208-00045	Concrete Washout Structure	12.000 EACH	700.00000	8,400.00						
208-00103	Removal and Disposal of Sediment (Labor)	26.000 HOUR	25.00000	650.00						
208-00106	Sweeping (Sediment Removal)	26.000 HOUR	35.00000	910.00						
212-00006	Seeding (Native)	0.250 ACRE	5,000.00000	1,250.00						
212-00032	Soil Conditioning	0.250 ACRE	5,000.00000	1,250.00						
213-00012	Spray-on Mulch Blanket	0.150 ACRE	5,000.00000	750.00						
216-00201	Soil Retention Blanket (Straw-Coconut) (Biodegradable Class 1)	4,500.000 SY	2.00000	9,000.00						
607-11525	Fence (Plastic)	150.000 LF	5.00000	750.00						
612-00260	Location Marker (Fiber Optic)(Dome)	10.000 EACH	75.00000	750.00						
612-00270	Location Marker (Utility)(Flat Slat)	29.000 EACH	75.00000	2,175.00						

LCC:

Tabulation of Bids

Letting No: 20160804
 Letting Date: August 04, 2016
 Letting Time: 10:00 AM

Contract ID: C20775
 Region: 0010

Counties: STATEWIDE
 VARIOUS

				(3) 1507A PAONIA, INC					
Item Code	Description	Quantity		Unit Price	Amount	Unit Price	Amount	Unit Price	Amount
SECTION:	0001	BID ITEMS					LCC:		
613-00206	2 Inch Electrical Conduit (Bored)	1,075.000	LF	54.00000	58,050.00				
613-01200	2 Inch Electrical Conduit (Plastic)	2,810.000	LF	55.00000	154,550.00				
613-07011	Pull Box (11"x18"x12")	41.000	EACH	687.00000	28,167.00				
613-07023	Pull Box (24"x36"x24")	10.000	EACH	1,338.50000	13,385.00				
613-10000	Wiring	1.000	L S	30,000.00000	30,000.00				
613-32300	Light Standard Steel (30 Foot)	6.000	EACH	6,500.00000	39,000.00				
613-40010	Light Standard Foundation	6.000	EACH	3,000.00000	18,000.00				
613-80130	Service Meter Cabinet	5.000	EACH	10,000.00000	50,000.00				
614-86105	Telemetry (Field) (Cellular Modem)	10.000	EACH	2,000.00000	20,000.00				
614-86741	Weather Monitoring System	13.000	EACH	63,346.15000	823,499.95				
614-86752	Fold-Over Tower (ITS)	12.000	EACH	17,916.66000	214,999.92				
614-87690	Ethernet Switch (3930)	1.000	EACH	7,500.00000	7,500.00				
620-00020	Sanitary Facility	1.000	EACH	1,500.00000	1,500.00				
625-00000	Construction Surveying	1.000	L S	15,000.00000	15,000.00				

Tabulation of Bids

Letting No: 20160804
 Letting Date: August 04, 2016
 Letting Time: 10:00 AM

Contract ID: C20775
 Region: 0010

Counties: STATEWIDE
 VARIOUS

Item Code	Description	Quantity	(3) 1507A PAONIA, INC		Unit Price	Amount	Unit Price	Amount	Unit Price	Amount
			Unit Price	Amount						
SECTION:	0001	BID ITEMS								
										LCC:
626-00000	Mobilization	1.000 L S	130,000.00000	130,000.00						
630-00000	Flagging	150.000 HOUR	25.00000	3,750.00						
630-00007	Traffic Control Inspection	5.000 DAY	50.00000	250.00						
630-00012	Traffic Control Management	80.000 DAY	2,000.00000	160,000.00						
630-80342	Construction Traffic Sign (Panel Size B)	27.000 EACH	5.00000	135.00						
630-80343	Construction Traffic Sign (Panel Size C)	6.000 EACH	5.00000	30.00						
630-80351	Vertical Panel (Plastic)	25.000 EACH	10.00000	250.00						
630-80358	Advance Warning Flashing or Sequencing Arrow Panel (C Type)	1.000 EACH	100.00000	100.00						
630-80359	Portable Message Sign Panel	10.000 DAY	100.00000	1,000.00						
630-80360	Drum Channelizing Device	25.000 EACH	15.00000	375.00						
630-80380	Traffic Cone	100.000 EACH	4.00000	400.00						
630-85041	Mobile Attenuator	10.000 DAY	400.00000	4,000.00						
Section Totals:				\$1,929,726.87						

Tabulation of Bids

Letting No:	20160804	Contract ID:	C20775	Counties:	STATEWIDE
Letting Date:	August 04, 2016	Region:	0010		VARIOUS
Letting Time:	10:00 AM				

Contract Grand Totals	\$1,929,726.87		
------------------------------	-----------------------	--	--

Colorado Department Of Transportation

Printed On: 08/05/2016

Low Bid Item Analysis

Page 1 of 8

Letting No: 20160804
 Letting Date: August 04, 2016
 Letting Time: 10:00 AM

Contract ID: C20775
 Region: 0010
 Contract Time: 91 WORKING DAYS

Counties: STATEWIDE
 VARIOUS
 Project(s): ITS SW01-622

Contract Description:

This project will replace 13 ITS Weather Stations (RWIS) in Regions 1,3, and 4. Towers and sensors will both be replaced, plus the addition of Cellular Modems and Non-Intrusive Sensors. Old towers and sensors will be removed and salvaged. ITS infrastructure that will be included with this project are: bored conduit, trenched conduit, pull boxes, location markers, light standards/foundations, and service meter cabinets.

A mandatory PRE-BID conference will be held on Thursday July 21, 2016 beginning at 1:00 P.M. at 425 Corporate Circle, Unit C, Golden, CO 80401.

Bids will be accepted only from pre-qualified bidders who attend the pre-bid conference.

Line	Item/Description	Quantity	Estimated Price	Bid Price/Units	Estimated Amount	Bid Amount	Bid Est %	Overrun (+) / Underrun (-)
SECTION:	0001	BID ITEMS						
0005	202-00001 Removal of Structure (Weather Station)	12.000	1,500.00000	1,649.00000 EACH	18,000.00	19,788.00	109.93%	1,788.00
0010	203-01597 Potholing	40.000	200.00000	1.15000 HOUR	8,000.00	46.00	0.58%	-7,954.00
0015	208-00002 Erosion Log Type 1 (12 Inch)	300.000	7.00000	4.46000 LF	2,100.00	1,338.00	63.71%	-762.00
0020	208-00035 Aggregate Bag	100.000	10.00000	5.12000 LF	1,000.00	512.00	51.20%	-488.00
0025	208-00045 Concrete Washout Structure	12.000	400.00000	151.00000 EACH	4,800.00	1,812.00	37.75%	-2,988.00
0030	208-00103 Removal and Disposal of Sediment (Labor)	26.000	50.00000	36.00000 HOUR	1,300.00	936.00	72.00%	-364.00

Colorado Department Of Transportation

Printed On: **08/05/2016**

Low Bid Item Analysis

Page 2 of 8

Letting No: 20160804
 Letting Date: August 04, 2016
 Letting Time: 10:00 AM

Contract ID: C20775
 Region: 0010
 Contract Time: 91 WORKING DAYS

Counties: STATEWIDE
 VARIOUS
 Project(s): ITS SW01-622

Contract Description:

This project will replace 13 ITS Weather Stations (RWIS) in Regions 1,3, and 4. Towers and sensors will both be replaced, plus the addition of Cellular Modems and Non-Intrusive Sensors. Old towers and sensors will be removed and salvaged. ITS infrastructure that will be included with this project are: bored conduit, trenched conduit, pull boxes, location markers, light standards/foundations, and service meter cabinets.

A mandatory PRE-BID conference will be held on Thursday July 21, 2016 beginning at 1:00 P.M. at 425 Corporate Circle, Unit C, Golden, CO 80401.

Bids will be accepted only from pre-qualified bidders who attend the pre-bid conference.

Line	Item/Description	Quantity	Estimated Price	Bid Price/Units	Estimated Amount	Bid Amount	Bid Est %	Overrun (+) Underrun (-)
SECTION:	0001	BID ITEMS						
0035	208-00106 Sweeping (Sediment Removal)	26.000	125.00000	58.00000 HOUR	3,250.00	1,508.00	46.40%	-1,742.00
0040	212-00006 Seeding (Native)	0.250	4,000.00000	4,720.00000 ACRE	1,000.00	1,180.00	118.00%	180.00
0045	212-00032 Soil Conditioning	0.250	4,000.00000	5,900.00000 ACRE	1,000.00	1,475.00	147.50%	475.00
0050	213-00012 Spray-on Mulch Blanket	0.150	4,000.00000	9,440.00000 ACRE	600.00	1,416.00	236.00%	816.00
0055	216-00201 Soil Retention Blanket (Straw-Coconut) (Biodegradable Class 1)	4,500.000	3.50000	2.18000 SY	15,750.00	9,810.00	62.29%	-5,940.00

Colorado Department Of Transportation

Printed On: 08/05/2016

Low Bid Item Analysis

Page 3 of 8

Letting No: 20160804
 Letting Date: August 04, 2016
 Letting Time: 10:00 AM

Contract ID: C20775
 Region: 0010
 Contract Time: 91 WORKING DAYS

Counties: STATEWIDE
 VARIOUS
 Project(s): ITS SW01-622

Contract Description:

This project will replace 13 ITS Weather Stations (RWIS) in Regions 1,3, and 4. Towers and sensors will both be replaced, plus the addition of Cellular Modems and Non-Intrusive Sensors. Old towers and sensors will be removed and salvaged. ITS infrastructure that will be included with this project are: bored conduit, trenched conduit, pull boxes, location markers, light standards/foundations, and service meter cabinets.

A mandatory PRE-BID conference will be held on Thursday July 21, 2016 beginning at 1:00 P.M. at 425 Corporate Circle, Unit C, Golden, CO 80401.

Bids will be accepted only from pre-qualified bidders who attend the pre-bid conference.

Line	Item/Description	Quantity	Estimated Price	Bid Price/Units	Estimated Amount	Bid Amount	Bid Est %	Overrun (+) / Underrun (-)
SECTION:	0001	BID ITEMS						
0060	607-11525 Fence (Plastic)	150.000	10.00000	2.59000 LF	1,500.00	388.50	25.90%	-1,111.50
0065	612-00260 Location Marker (Fiber Optic)(Dome)	10.000	80.00000	36.00000 EACH	800.00	360.00	45.00%	-440.00
0070	612-00270 Location Marker (Utility)(Flat Slat)	29.000	75.00000	28.00000 EACH	2,175.00	812.00	37.33%	-1,363.00
0075	613-00206 2 Inch Electrical Conduit (Bored)	1,075.000	22.00000	32.42000 LF	23,650.00	34,851.50	147.36%	11,201.50
0080	613-01200 2 Inch Electrical Conduit (Plastic)	2,810.000	12.00000	8.46000 LF	33,720.00	23,772.60	70.50%	-9,947.40
0085	613-07011 Pull Box (11"x18"x12")	41.000	750.00000	562.00000 EACH	30,750.00	23,042.00	74.93%	-7,708.00

Colorado Department Of Transportation

Printed On: 08/05/2016

Low Bid Item Analysis

Page 4 of 8

Letting No: 20160804
 Letting Date: August 04, 2016
 Letting Time: 10:00 AM

Contract ID: C20775
 Region: 0010
 Contract Time: 91 WORKING DAYS

Counties: STATEWIDE
 VARIOUS
 Project(s): ITS SW01-622

Contract Description:

This project will replace 13 ITS Weather Stations (RWIS) in Regions 1,3, and 4. Towers and sensors will both be replaced, plus the addition of Cellular Modems and Non-Intrusive Sensors. Old towers and sensors will be removed and salvaged. ITS infrastructure that will be included with this project are: bored conduit, trenched conduit, pull boxes, location markers, light standards/foundations, and service meter cabinets.

A mandatory PRE-BID conference will be held on Thursday July 21, 2016 beginning at 1:00 P.M. at 425 Corporate Circle, Unit C, Golden, CO 80401.

Bids will be accepted only from pre-qualified bidders who attend the pre-bid conference.

Line	Item/Description	Quantity	Estimated Price	Bid Price/Units	Estimated Amount	Bid Amount	Bid Est %	Overrun (+) / Underrun (-)
SECTION:	0001	BID ITEMS						
0090	613-07023 Pull Box (24"x36"x24")	10.000	1,500.00000	1,116.00000 EACH	15,000.00	11,160.00	74.40%	-3,840.00
0095	613-10000 Wiring	1.000	35,000.00000	35,027.00000 L S	35,000.00	35,027.00	100.08%	27.00
0100	613-32300 Light Standard Steel (30 Foot)	6.000	2,500.00000	2,630.00000 EACH	15,000.00	15,780.00	105.20%	780.00
0105	613-40010 Light Standard Foundation	6.000	1,250.00000	819.00000 EACH	7,500.00	4,914.00	65.52%	-2,586.00
0110	613-80130 Service Meter Cabinet	5.000	3,750.00000	4,244.00000 EACH	18,750.00	21,220.00	113.17%	2,470.00
0115	614-86105 Telemetry (Field) (Cellular Modem)	10.000	1,500.00000	1,475.00000 EACH	15,000.00	14,750.00	98.33%	-250.00

Colorado Department Of Transportation

Printed On: 08/05/2016

Low Bid Item Analysis

Page 5 of 8

Letting No: 20160804
 Letting Date: August 04, 2016
 Letting Time: 10:00 AM

Contract ID: C20775
 Region: 0010
 Contract Time: 91 WORKING DAYS

Counties: STATEWIDE
 VARIOUS
 Project(s): ITS SW01-622

Contract Description:

This project will replace 13 ITS Weather Stations (RWIS) in Regions 1,3, and 4. Towers and sensors will both be replaced, plus the addition of Cellular Modems and Non-Intrusive Sensors. Old towers and sensors will be removed and salvaged. ITS infrastructure that will be included with this project are: bored conduit, trenched conduit, pull boxes, location markers, light standards/foundations, and service meter cabinets.

A mandatory PRE-BID conference will be held on Thursday July 21, 2016 beginning at 1:00 P.M. at 425 Corporate Circle, Unit C, Golden, CO 80401.

Bids will be accepted only from pre-qualified bidders who attend the pre-bid conference.

Line	Item/Description	Quantity	Estimated Price	Bid Price/Units	Estimated Amount	Bid Amount	Bid Est %	Overrun (+) / Underrun (-)
SECTION:	0001	BID ITEMS						
0120	614-86741 Weather Monitoring System	13.000	65,000.00000	53,118.00000 EACH	845,000.00	690,534.00	81.72%	-154,466.00
0125	614-86752 Fold-Over Tower (ITS)	12.000	14,000.00000	10,127.00000 EACH	168,000.00	121,524.00	72.34%	-46,476.00
0130	614-87690 Ethernet Switch (3930)	1.000	7,000.00000	7,253.00000 EACH	7,000.00	7,253.00	103.61%	253.00
0135	620-00020 Sanitary Facility	1.000	900.00000	777.00000 EACH	900.00	777.00	86.33%	-123.00
0140	625-00000 Construction Surveying	1.000	12,000.00000	1,770.00000 L S	12,000.00	1,770.00	14.75%	-10,230.00
0145	626-00000 Mobilization	1.000	80,000.00000	95,378.00000 L S	80,000.00	95,378.00	119.22%	15,378.00

Colorado Department Of Transportation

Printed On: 08/05/2016

Low Bid Item Analysis

Page 6 of 8

Letting No: 20160804
 Letting Date: August 04, 2016
 Letting Time: 10:00 AM

Contract ID: C20775
 Region: 0010
 Contract Time: 91 WORKING DAYS

Counties: STATEWIDE
 VARIOUS
 Project(s): ITS SW01-622

Contract Description:

This project will replace 13 ITS Weather Stations (RWIS) in Regions 1,3, and 4. Towers and sensors will both be replaced, plus the addition of Cellular Modems and Non-Intrusive Sensors. Old towers and sensors will be removed and salvaged. ITS infrastructure that will be included with this project are: bored conduit, trenched conduit, pull boxes, location markers, light standards/foundations, and service meter cabinets.

A mandatory PRE-BID conference will be held on Thursday July 21, 2016 beginning at 1:00 P.M. at 425 Corporate Circle, Unit C, Golden, CO 80401.

Bids will be accepted only from pre-qualified bidders who attend the pre-bid conference.

Line	Item/Description	Quantity	Estimated Price	Bid Price/Units	Estimated Amount	Bid Amount	Bid Est %	Overrun (+) / Underrun (-)
SECTION:	0001	BID ITEMS						
0150	630-00000 Flagging	150.000	25.00000	2.00000 HOUR	3,750.00	300.00	8.00%	-3,450.00
0155	630-00007 Traffic Control Inspection	5.000	100.00000	236.00000 DAY	500.00	1,180.00	236.00%	680.00
0160	630-00012 Traffic Control Management	80.000	725.00000	826.00000 DAY	58,000.00	66,080.00	113.93%	8,080.00
0165	630-80342 Construction Traffic Sign (Panel Size B)	27.000	35.00000	118.00000 EACH	945.00	3,186.00	337.14%	2,241.00
0170	630-80343 Construction Traffic Sign (Panel Size C)	6.000	35.00000	177.00000 EACH	210.00	1,062.00	505.71%	852.00
0175	630-80351 Vertical Panel (Plastic)	25.000	10.00000	42.00000 EACH	250.00	1,050.00	420.00%	800.00

Colorado Department Of Transportation

Printed On: 08/05/2016

Low Bid Item Analysis

Page 7 of 8

Letting No: 20160804
 Letting Date: August 04, 2016
 Letting Time: 10:00 AM

Contract ID: C20775
 Region: 0010
 Contract Time: 91 WORKING DAYS

Counties: STATEWIDE
 VARIOUS
 Project(s): ITS SW01-622

Contract Description:

This project will replace 13 ITS Weather Stations (RWIS) in Regions 1,3, and 4. Towers and sensors will both be replaced, plus the addition of Cellular Modems and Non-Intrusive Sensors. Old towers and sensors will be removed and salvaged. ITS infrastructure that will be included with this project are: bored conduit, trenched conduit, pull boxes, location markers, light standards/foundations, and service meter cabinets.

A mandatory PRE-BID conference will be held on Thursday July 21, 2016 beginning at 1:00 P.M. at 425 Corporate Circle, Unit C, Golden, CO 80401.

Bids will be accepted only from pre-qualified bidders who attend the pre-bid conference.

Line	Item/Description	Quantity	Estimated Price	Bid Price/Units	Estimated Amount	Bid Amount	Bid Est %	Overrun (+) / Underrun (-)
SECTION:	0001	BID ITEMS						
0180	630-80358 Advance Warning Flashing or Sequencing Arrow Panel (C Type)	1.000	1,000.00000	1,770.00000 EACH	1,000.00	1,770.00	177.00%	770.00
0185	630-80359 Portable Message Sign Panel	10.000	50.00000	148.00000 DAY	500.00	1,480.00	296.00%	980.00
0190	630-80360 Drum Channelizing Device	25.000	25.00000	59.00000 EACH	625.00	1,475.00	236.00%	850.00
0195	630-80380 Traffic Cone	100.000	10.00000	12.00000 EACH	1,000.00	1,200.00	120.00%	200.00
0200	630-85041 Mobile Attenuator	10.000	300.00000	990.00000 DAY	3,000.00	9,900.00	330.00%	6,900.00
Section 0001 Subtotal					\$1,438,325.00	\$1,231,817.60	85.64%	-\$206,507.40

Colorado Department Of Transportation

Printed On: 08/05/2016

Low Bid Item Analysis

Page 8 of 8

Letting No: 20160804
Letting Date: August 04, 2016
Letting Time: 10:00 AM

Contract ID: C20775
Region: 0010
Contract Time: 91 WORKING DAYS

Counties: STATEWIDE
VARIOUS
Project(s): ITS SW01-622

Contract Description:

This project will replace 13 ITS Weather Stations (RWIS) in Regions 1,3, and 4. Towers and sensors will both be replaced, plus the addition of Cellular Modems and Non-Intrusive Sensors. Old towers and sensors will be removed and salvaged. ITS infrastructure that will be included with this project are: bored conduit, trenched conduit, pull boxes, location markers, light standards/foundations, and service meter cabinets.

A mandatory PRE-BID conference will be held on Thursday July 21, 2016 beginning at 1:00 P.M. at 425 Corporate Circle, Unit C, Golden, CO 80401.

Bids will be accepted only from pre-qualified bidders who attend the pre-bid conference.

Contract Total for Calculated Low Bidders Bid Items

\$1,438,325.00

\$1,231,817.60

85.64%

-\$206,507.40