



COLORADO
Department of Transportation
Office of the Chief Engineer

TO: SHOSHANA M. LEW, EXECUTIVE DIRECTOR
FROM: MARKOS ATAMO, PE, CES BRANCH MANAGER
CC: STEPHEN HARELSON, PE, CHIEF ENGINEER *SH*
DATE: 01/11/2021
SUBJECT: AWARD TO LOW RESPONSIVE BIDDER C.R.S. 43-1-113 (16)
PROJECT: C R400-375 (23062) REGION 4 LIMON ADA CURB RAMPS

Pursuant to C.R.S. 43-1-113(16), it has been determined that it's in the best financial and economic interest of the State to award Region 4's project C R400-375 (23062) to the low bidder TLM Constructors, Inc.

Project Description: This Region 4 project is at various locations in the City of Limon for the replacement of curb ramps to be ADA compliant. The project was solicited under a design bid build (low bid) project delivery method where only two bids were received with TLM Constructors, Inc. being the lowest responsive bidder.

Financial Impact: TLM Constructors, Inc. low bid proposal totaled \$2,778,251.00 and the second low bid from NORRA Concrete Corp. totaled \$3,318,899.50 compared to the CDOT engineer's estimate of \$2,056,923.00. The project risks rejection by Statute since there were only two bidders and their proposals were 135.07% and 161.35% of the engineer's estimate. Region 4 has verified they have funding available for the award of the project to TLM Constructors, Inc.

Cost Analysis: Although the bids were above the engineer's estimate, the price per ramp was not unreasonable. The low bidder ramp price was \$14,103/ramp. Other projects that have been awarded have seen prices upwards of \$15,000/ramp.

In addition, an analysis of the bid schedule revealed that the bid line items identified below resulted in the overall bid from TLM Constructors, Inc. being more than 10% over CDOT's engineer's estimate for the project.

Bid Item Description	QTY	Unit	Unit Price		Total Cost Difference	% Over Eng. Estimate
			Eng. Est.	& Low Bid		
CONCRETE CURB RAMPS	3,291	SY	\$175.00	\$230.00	\$181,005.00	131.43%
MOBILIZATION	1	LS	\$140,000	\$380,000.00	\$240,000.00	271.43%
CONCRETE SIDEWALK	1,702	SY	\$70.00	\$95.00	\$42,550.00	135.71%

The engineer's estimate for the above bid items was based on historical data from similar projects with comparable quantities. In verifying TLM Constructors, Inc.'s bid offer, they mentioned that the curb ramp work and concrete sidewalk in small quantities at numerous locations contributed to their overall higher bid pricing. In addition, mobilization costs were bid much higher as a result of the varying job sites the work is to be completed at. The ADA curb ramp upgrades will improve intersection and roadway safety throughout the region. It is imperative that this project be awarded as soon as possible. Re-advertisement would risk delaying these important ADA safety improvements.

Based on the cost analysis, EEMA and Region 4 consider TLM Constructors, Inc. overall proposed bid pricing to be fair and reasonable.

Staff Review & Recommendation: Given the overall project dynamics mentioned above, re-advertisement of the project is unlikely to result in more competition or reduced pricing. The Region 4 Project Management Team’s analysis and recommendation to award the project is provided in the attached memorandum to this request. As a result, staff recommends proceeding with the award of the project to TLM Constructors, Inc.

I authorize award 
Markos Atamo (Jan 13, 2021 13:39 MST) Date 01/13/21

Markos Atamo, PE, CES Branch Manager

I authorize award of  Date 01/22/21
Shoshana M. Lew, Executive Director

- cc: Stephen Bokros, Cost Estimating Services
- Markos Atamo, Construction Engineering Services
- Jerad Esquibel, Project Support Services
- RB Simmons, Construction Contract Services
- Records Center

Colorado Department Of Transportation

Printed On: 01/07/2021

Low Bid Summary

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Letting Date: January 07, 2021

Call Order	Contract ID	Project(s)	# of Bids	Low Bidder	Estimated Cost	Corrected Bid	Percent of Estimate	Overrun (+) Underrun (-)
003	C23062	CR400-375	2	TLM CONSTRUCTORS, INC.	\$2,056,923.00	\$2,778,251.00	135.07%	\$721,328.00
Letting Totals			2		\$2,056,923.00	\$2,778,251.00	135.07%	\$721,328.00

Vendor Ranking

Contract ID: C23062

Contract Description:

This project consists of ADA curb ramp retrofit upgrades, including removal of sidewalk and curb ramps, installation of curb ramps, sidewalk, curb & gutter, pavement patching, reset pedestrian push buttons, striping, traffic control and erosion control on multiple highways in Cheyenne, Elbert, Kit Carson and Lincoln Counties.

Rank	Vendor ID	Vendor Name	Total Bid	Percent Of Low Bid	Percent Of Estimate
0	-EST-	Engineer's Estimate	\$2,056,923.00	74.04%	100.00%
1	903A	TLM CONSTRUCTORS, INC.	\$2,778,251.00	100.00%	135.07%
2	010A	NORAA CONCRETE CONSTRUCTION CORPORATION	\$3,318,899.50	119.46%	161.35%

Tabulation of Bids

Contract ID: C23062

Item Code	Description	Quantity	(0) -EST- Engineer's Estimate		(1) 903A TLM CONSTRUCTORS, INC.		(2) 010A NORAA CONCRETE CONSTRUCTION	
			Unit Price	Amount	Unit Price	Amount	Unit Price	Amount
SECTION:	0001	BID ITEMS						
						LCC:		
202-00012	Removal of Tree Stump	1.000 EACH	1,100.00000	1,100.00	1,000.00000	1,000.00	1,250.00000	1,250.00
202-00039	Removal of Bollard	2.000 EACH	100.00000	200.00	100.00000	200.00	250.00000	500.00
202-00200	Removal of Sidewalk	2,334.000 SY	20.00000	46,680.00	30.00000	70,020.00	30.00000	70,020.00
202-00201	Removal of Curb	710.000 LF	10.00000	7,100.00	15.00000	10,650.00	20.00000	14,200.00
202-00203	Removal of Curb and Gutter	5,743.000 LF	15.00000	86,145.00	15.00000	86,145.00	25.00000	143,575.00
202-00206	Removal of Concrete Curb Ramp	1,508.000 SY	35.00000	52,780.00	30.00000	45,240.00	30.00000	45,240.00
202-00210	Removal of Concrete Pavement	1,306.000 SY	22.00000	28,732.00	35.00000	45,710.00	50.00000	65,300.00
202-00220	Removal of Asphalt Mat	1,297.000 SY	15.00000	19,455.00	30.00000	38,910.00	30.00000	38,910.00
202-00250	Removal of Pavement Marking	1,125.000 SF	3.00000	3,375.00	6.00000	6,750.00	5.50000	6,187.50
202-00827	Removal of Pull Box	17.000 EACH	500.00000	8,500.00	600.00000	10,200.00	575.00000	9,775.00
203-00050	Unsuitable Material	100.000 CY	60.00000	6,000.00	150.00000	15,000.00	52.00000	5,200.00
203-01597	Potholing	20.000 HOUR	225.00000	4,500.00	200.00000	4,000.00	300.00000	6,000.00
208-00090	Erosion Control (Curb Ramp)	200.000 EACH	350.00000	70,000.00	500.00000	100,000.00	650.00000	130,000.00
210-00010	Reset Mailbox Structure	2.000 EACH	500.00000	1,000.00	550.00000	1,100.00	850.00000	1,700.00
210-00810	Reset Ground Sign	58.000 EACH	300.00000	17,400.00	450.00000	26,100.00	800.00000	46,400.00
210-00860	Reset Pedestrian Push Button	6.000 EACH	750.00000	4,500.00	1,800.00000	10,800.00	2,500.00000	15,000.00

Tabulation of Bids

Contract ID: C23062

Item Code	Description	Quantity	(0) -EST- Engineer's Estimate		(1) 903A TLM CONSTRUCTORS, INC.		(2) 010A NORAA CONCRETE CONSTRUCTION CORPORATION	
			Unit Price	Amount	Unit Price	Amount	Unit Price	Amount
SECTION:	0001	BID ITEMS						
						LCC:		
210-01000	Reset Fence	14.000 LF	40.00000	560.00	100.00000	1,400.00	85.00000	1,190.00
210-02804	Grinding: Sidewalk and/or Curb Ramp Repair	7.000 LF	25.00000	175.00	95.00000	665.00	85.00000	595.00
210-04010	Adjust Manhole	2.000 EACH	1,200.00000	2,400.00	675.00000	1,350.00	500.00000	1,000.00
210-04050	Adjust Valve Box	7.000 EACH	400.00000	2,800.00	600.00000	4,200.00	400.00000	2,800.00
212-00050	Sod	3,891.000 SF	6.00000	23,346.00	2.00000	7,782.00	3.00000	11,673.00
212-00700	Organic Fertilizer	48.000 LB	50.00000	2,400.00	5.00000	240.00	10.00000	480.00
212-00708	Seeding (Native) Broadcast	0.070 ACRE	35,000.00000	2,450.00	5,500.00000	385.00	7,500.00000	525.00
212-01200	Landscape Restoration	1.000 L S	7,500.00000	7,500.00	20,000.00000	20,000.00	16,500.00000	16,500.00
213-00003	Mulching (Weed Free)	0.070 ACRE	10,000.00000	700.00	5,500.00000	385.00	7,500.00000	525.00
213-00061	Mulch Tackifier	14.000 LB	50.00000	700.00	15.00000	210.00	125.00000	1,750.00
304-06007	Aggregate Base Course (Class 6)	75.000 CY	90.00000	6,750.00	125.00000	9,375.00	125.00000	9,375.00
403-00720	Hot Mix Asphalt (Patching) (Asphalt)	602.000 TON	250.00000	150,500.00	260.00000	156,520.00	375.00000	225,750.00
412-00190	Concrete Pavement (Patching)	1,293.000 SY	175.00000	226,275.00	155.00000	200,415.00	200.00000	258,600.00
608-00000	Concrete Sidewalk	1,702.000 SY	70.00000	119,140.00	95.00000	161,690.00	120.00000	204,240.00
608-00010	Concrete Curb Ramp	3,291.000 SY	175.00000	575,925.00	230.00000	756,930.00	190.00000	625,290.00

Tabulation of Bids

Contract ID: C23062

Item Code	Description	Quantity	(0) -EST- Engineer's Estimate		(1) 903A TLM CONSTRUCTORS, INC.		(2) 010A NORAA CONCRETE CONSTRUCTION CORPORATION	
			Unit Price	Amount	Unit Price	Amount	Unit Price	Amount
SECTION:	0001	BID ITEMS						
						LCC:		
608-00015	Detectable Warnings	14.000 SF	100.00000	1,400.00	48.00000	672.00	125.00000	1,750.00
608-10000	Sidewalk Drain	29.000 LF	300.00000	8,700.00	700.00000	20,300.00	350.00000	10,150.00
609-20010	Curb Type 2 (Section B)	1,167.000 LF	50.00000	58,350.00	35.00000	40,845.00	50.00000	58,350.00
609-21020	Curb and Gutter Type 2 (Section II-B)	2,751.000 LF	35.00000	96,285.00	45.00000	123,795.00	50.00000	137,550.00
610-00030	Median Cover Material (Concrete)	814.000 SF	18.00000	14,652.00	38.00000	30,932.00	25.00000	20,350.00
613-07002	Type Two Pull Box	13.000 EACH	900.00000	11,700.00	600.00000	7,800.00	2,200.00000	28,600.00
613-07003	Type Three Pull Box	3.000 EACH	1,100.00000	3,300.00	1,000.00000	3,000.00	2,500.00000	7,500.00
613-07004	Type Four Pull Box	1.000 EACH	1,500.00000	1,500.00	1,500.00000	1,500.00	2,800.00000	2,800.00
620-00020	Sanitary Facility	1.000 EACH	2,500.00000	2,500.00	5,000.00000	5,000.00	4,000.00000	4,000.00
625-00000	Construction Surveying	1.000 L S	25,000.00000	25,000.00	80,000.00000	80,000.00	73,000.00000	73,000.00
626-00000	Mobilization	1.000 L S	140,000.00000	140,000.00	380,000.00000	380,000.00	703,375.00000	703,375.00
626-01114	Public Information Management (Tier IV)	150.000 DAY	50.00000	7,500.00	60.00000	9,000.00	85.00000	12,750.00
627-30410	Preformed Thermoplastic Pavement Marking (Xwalk-Stop Line)	1,449.000 SF	12.00000	17,388.00	25.00000	36,225.00	20.00000	28,980.00
630-00000	Flagging	150.000 HOUR	30.00000	4,500.00	45.00000	6,750.00	43.00000	6,450.00
630-00007	Traffic Control Inspection	60.000 DAY	300.00000	18,000.00	240.00000	14,400.00	300.00000	18,000.00

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Item Code	Description	Quantity	(0) -EST- Engineer's Estimate		(1) 903A TLM CONSTRUCTORS, INC.		(2) 010A NORAA CONCRETE CONSTRUCTION CORPORATION	
			Unit Price	Amount	Unit Price	Amount	Unit Price	Amount
SECTION:	0001	BID ITEMS						
					LCC:			
630-00012	Traffic Control Management	150.000 DAY	900.00000	135,000.00	1,100.00000	165,000.00	1,100.00000	165,000.00
630-80340	Pedestrian Barricade (ADA)	100.000 LF	40.00000	4,000.00	55.00000	5,500.00	110.00000	11,000.00
630-80341	Construction Traffic Sign (Panel Size A)	44.000 EACH	50.00000	2,200.00	65.00000	2,860.00	48.00000	2,112.00
630-80342	Construction Traffic Sign (Panel Size B)	4.000 EACH	65.00000	260.00	250.00000	1,000.00	48.00000	192.00
630-80350	Vertical Panel	30.000 EACH	30.00000	900.00	50.00000	1,500.00	60.00000	1,800.00
630-80355	Portable Message Sign Panel	2.000 EACH	5,000.00000	10,000.00	12,500.00000	25,000.00	9,600.00000	19,200.00
630-80358	Advance Warning Flashing or Sequencing Arrow Panel (C Type)	2.000 EACH	1,500.00000	3,000.00	1,800.00000	3,600.00	3,400.00000	6,800.00
630-80360	Drum Channelizing Device	30.000 EACH	40.00000	1,200.00	65.00000	1,950.00	38.00000	1,140.00
630-80380	Traffic Cone	50.000 EACH	10.00000	500.00	15.00000	750.00	20.00000	1,000.00
630-85041	Mobile Attenuator	25.000 DAY	400.00000	10,000.00	700.00000	17,500.00	1,500.00000	37,500.00
Section Totals:				\$2,056,923.00		\$2,778,251.00		\$3,318,899.50
Contract Grand Totals				\$2,056,923.00		\$2,778,251.00		\$3,318,899.50

Colorado Department Of Transportation

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Low Bid Item Analysis

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Contract ID: C23062

Line	Item/Description	Quantity	Estimated Price	Bid Price/Units	Estimated Amount	Bid Amount	Bid Est %	Overrun (+) Underrun (-)
SECTION:	0001	BID ITEMS						
0005	202-00012 Removal of Tree Stump	1.000	1,100.00000	1,000.00000 EACH	1,100.00	1,000.00	90.91%	-100.00
0010	202-00039 Removal of Bollard	2.000	100.00000	100.00000 EACH	200.00	200.00	100.00%	0.00
0015	202-00200 Removal of Sidewalk	2,334.000	20.00000	30.00000 SY	46,680.00	70,020.00	150.00%	23,340.00
0020	202-00201 Removal of Curb	710.000	10.00000	15.00000 LF	7,100.00	10,650.00	150.00%	3,550.00
0025	202-00203 Removal of Curb and Gutter	5,743.000	15.00000	15.00000 LF	86,145.00	86,145.00	100.00%	0.00
0030	202-00206 Removal of Concrete Curb Ramp	1,508.000	35.00000	30.00000 SY	52,780.00	45,240.00	85.71%	-7,540.00
0035	202-00210 Removal of Concrete Pavement	1,306.000	22.00000	35.00000 SY	28,732.00	45,710.00	159.09%	16,978.00
0040	202-00220 Removal of Asphalt Mat	1,297.000	15.00000	30.00000 SY	19,455.00	38,910.00	200.00%	19,455.00
0045	202-00250 Removal of Pavement Marking	1,125.000	3.00000	6.00000 SF	3,375.00	6,750.00	200.00%	3,375.00
0050	202-00827 Removal of Pull Box	17.000	500.00000	600.00000 EACH	8,500.00	10,200.00	120.00%	1,700.00
0055	203-00050 Unsuitable Material	100.000	60.00000	150.00000 CY	6,000.00	15,000.00	250.00%	9,000.00
0060	203-01597 Potholing	20.000	225.00000	200.00000 HOUR	4,500.00	4,000.00	88.89%	-500.00

Colorado Department Of Transportation

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Low Bid Item Analysis

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Line	Item/Description	Quantity	Estimated Price	Bid Price/Units	Estimated Amount	Bid Amount	Bid Est %	Overrun (+) Underrun (-)
SECTION:	0001	BID ITEMS						
0065	208-00090 Erosion Control (Curb Ramp)	200.000	350.00000	500.00000 EACH	70,000.00	100,000.00	142.86%	30,000.00
0070	210-00010 Reset Mailbox Structure	2.000	500.00000	550.00000 EACH	1,000.00	1,100.00	110.00%	100.00
0075	210-00810 Reset Ground Sign	58.000	300.00000	450.00000 EACH	17,400.00	26,100.00	150.00%	8,700.00
0080	210-00860 Reset Pedestrian Push Button	6.000	750.00000	1,800.00000 EACH	4,500.00	10,800.00	240.00%	6,300.00
0085	210-01000 Reset Fence	14.000	40.00000	100.00000 LF	560.00	1,400.00	250.00%	840.00
0090	210-02804 Grinding: Sidewalk and/or Curb Ramp Repair	7.000	25.00000	95.00000 LF	175.00	665.00	380.00%	490.00
0095	210-04010 Adjust Manhole	2.000	1,200.00000	675.00000 EACH	2,400.00	1,350.00	56.25%	-1,050.00
0100	210-04050 Adjust Valve Box	7.000	400.00000	600.00000 EACH	2,800.00	4,200.00	150.00%	1,400.00
0105	212-00050 Sod	3,891.000	6.00000	2.00000 SF	23,346.00	7,782.00	33.33%	-15,564.00
0110	212-00700 Organic Fertilizer	48.000	50.00000	5.00000 LB	2,400.00	240.00	10.00%	-2,160.00
0115	212-00708 Seeding (Native) Broadcast	0.070	35,000.00000	5,500.00000 ACRE	2,450.00	385.00	15.71%	-2,065.00
0120	212-01200 Landscape Restoration	1.000	7,500.00000	20,000.00000 L S	7,500.00	20,000.00	266.67%	12,500.00

Colorado Department Of Transportation

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Low Bid Item Analysis

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Contract ID: C23062

Line	Item/Description	Quantity	Estimated Price	Bid Price/Units	Estimated Amount	Bid Amount	Bid Est %	Overrun (+) Underrun (-)
SECTION:	0001	BID ITEMS						
0125	213-00003 Mulching (Weed Free)	0.070	10,000.00000	5,500.00000 ACRE	700.00	385.00	55.00%	-315.00
0130	213-00061 Mulch Tackifier	14.000	50.00000	15.00000 LB	700.00	210.00	30.00%	-490.00
0135	304-06007 Aggregate Base Course (Class 6)	75.000	90.00000	125.00000 CY	6,750.00	9,375.00	138.89%	2,625.00
0140	403-00720 Hot Mix Asphalt (Patching) (Asphalt)	602.000	250.00000	260.00000 TON	150,500.00	156,520.00	104.00%	6,020.00
0145	412-00190 Concrete Pavement (Patching)	1,293.000	175.00000	155.00000 SY	226,275.00	200,415.00	88.57%	-25,860.00
0150	608-00000 Concrete Sidewalk	1,702.000	70.00000	95.00000 SY	119,140.00	161,690.00	135.71%	42,550.00
0155	608-00010 Concrete Curb Ramp	3,291.000	175.00000	230.00000 SY	575,925.00	756,930.00	131.43%	181,005.00
0160	608-00015 Detectable Warnings	14.000	100.00000	48.00000 SF	1,400.00	672.00	48.00%	-728.00
0165	608-10000 Sidewalk Drain	29.000	300.00000	700.00000 LF	8,700.00	20,300.00	233.33%	11,600.00
0170	609-20010 Curb Type 2 (Section B)	1,167.000	50.00000	35.00000 LF	58,350.00	40,845.00	70.00%	-17,505.00
0175	609-21020 Curb and Gutter Type 2 (Section II-B)	2,751.000	35.00000	45.00000 LF	96,285.00	123,795.00	128.57%	27,510.00
0180	610-00030 Median Cover Material (Concrete)	814.000	18.00000	38.00000 SF	14,652.00	30,932.00	211.11%	16,280.00

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Low Bid Item Analysis

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Contract ID: C23062

Line	Item/Description	Quantity	Estimated Price	Bid Price/Units	Estimated Amount	Bid Amount	Bid Est %	Overrun (+) Underrun (-)
SECTION:	0001	BID ITEMS						
0185	613-07002 Type Two Pull Box	13.000	900.00000	600.00000 EACH	11,700.00	7,800.00	66.67%	-3,900.00
0190	613-07003 Type Three Pull Box	3.000	1,100.00000	1,000.00000 EACH	3,300.00	3,000.00	90.91%	-300.00
0195	613-07004 Type Four Pull Box	1.000	1,500.00000	1,500.00000 EACH	1,500.00	1,500.00	100.00%	0.00
0200	620-00020 Sanitary Facility	1.000	2,500.00000	5,000.00000 EACH	2,500.00	5,000.00	200.00%	2,500.00
0205	625-00000 Construction Surveying	1.000	25,000.00000	80,000.00000 L S	25,000.00	80,000.00	320.00%	55,000.00
0210	626-00000 Mobilization	1.000	140,000.00000	380,000.00000 L S	140,000.00	380,000.00	271.43%	240,000.00
0215	626-01114 Public Information Management (Tier IV)	150.000	50.00000	60.00000 DAY	7,500.00	9,000.00	120.00%	1,500.00
0220	627-30410 Preformed Thermoplastic Pavement Marking (Xwalk-Stop Line)	1,449.000	12.00000	25.00000 SF	17,388.00	36,225.00	208.33%	18,837.00
0225	630-00000 Flagging	150.000	30.00000	45.00000 HOUR	4,500.00	6,750.00	150.00%	2,250.00
0230	630-00007 Traffic Control Inspection	60.000	300.00000	240.00000 DAY	18,000.00	14,400.00	80.00%	-3,600.00
0235	630-00012 Traffic Control Management	150.000	900.00000	1,100.00000 DAY	135,000.00	165,000.00	122.22%	30,000.00
0240	630-80340 Pedestrian Barricade (ADA)	100.000	40.00000	55.00000 LF	4,000.00	5,500.00	137.50%	1,500.00

Low Bid Item Analysis

Contract ID: C23062

Line	Item/Description	Quantity	Estimated Price	Bid Price/Units	Estimated Amount	Bid Amount	Bid Est %	Overrun (+) Underrun (-)
SECTION:	0001	BID ITEMS						
0245	630-80341 Construction Traffic Sign (Panel Size A)	44.000	50.00000	65.00000 EACH	2,200.00	2,860.00	130.00%	660.00
0250	630-80342 Construction Traffic Sign (Panel Size B)	4.000	65.00000	250.00000 EACH	260.00	1,000.00	384.62%	740.00
0255	630-80350 Vertical Panel	30.000	30.00000	50.00000 EACH	900.00	1,500.00	166.67%	600.00
0260	630-80355 Portable Message Sign Panel	2.000	5,000.00000	12,500.00000 EACH	10,000.00	25,000.00	250.00%	15,000.00
0265	630-80358 Advance Warning Flashing or Sequencing Arrow Panel (C Type)	2.000	1,500.00000	1,800.00000 EACH	3,000.00	3,600.00	120.00%	600.00
0270	630-80360 Drum Channelizing Device	30.000	40.00000	65.00000 EACH	1,200.00	1,950.00	162.50%	750.00
0275	630-80380 Traffic Cone	50.000	10.00000	15.00000 EACH	500.00	750.00	150.00%	250.00
0280	630-85041 Mobile Attenuator	25.000	400.00000	700.00000 DAY	10,000.00	17,500.00	175.00%	7,500.00
Section 0001 Subtotal					\$2,056,923.00	\$2,778,251.00	135.07%	\$721,328.00
Contract Total for Calculated Low Bidders Bid Items					\$2,056,923.00	\$2,778,251.00	135.07%	\$721,328.00



COLORADO

Department of Transportation

Region 4
2738 Hwy 40
PO Box 366
Limon, CO 80828

MEMORANDUM

TO: RB Simmons, Construction Contracts Manager
FROM: Rhianna Poss, Limon Resident Engineer
DATE: January 8, 2021
SUBJECT: 23062 Project Award to Low Responsive Bidder, C.R.S. 43-1-113 (16)

This memorandum provides the Region 4 project team request to award project C R400-375 (23062) along with the rationale on why it is in the best interest of the State to award the project. The primary elements for the project are removal and replacement of non-accessible corners and sidewalks with ADA complaint replacements throughout all four counties the Limon Residency serves (Elbert, Lincoln, Kit Carson, and Cheyenne Counties). The towns included in this project are Elizabeth, Kiowa, Agate, Limon, Hugo, Seibert, Stratton, Burlington, Kit Carson, and Cheyenne Wells.

The project consists of:

- 197 ramps
- 7 highway corridors
- 79 right-of-way easements
- 150 working days

Per the requirements in the CDOT ADA transition plan and CDOT Procedural Directive 605.1, the project team utilized the curb ramp inventory, determined accessibility, prioritized locations, and prepared a PS&E that will bring CDOT and the counties of Elbert, Lincoln, Kit Carson, and Cheyenne roadway systems into compliance with ADA guidelines. The construction traffic phasing maintains pedestrian movements and the lane closures are limited to single lane and shoulder short duration impacts.

This project is challenging mostly due to the rural location of all of these counties. With the rural aspect in mind, this is also why bundling all of these ramps into one project saves CDOT in staffing and mobilization costs. With limited availability of resources in rural areas many local suppliers are unable to accommodate small quantities. If this project were to be reduced in scope or broken into smaller packages, this factor alone would create a much larger mobilization and overall project cost to CDOT.

The work is truly only ramp related and there is no scope to cut. Removing ramps from the project would only result in the need for additional, smaller projects to meet the ADA program requirements. As mentioned above, this would prove to be difficult in these rural areas.

Although the bids were above the engineer's estimate, the price per ramp was not unreasonable. The low bidder ramp price was \$14,103/ramp. Other projects that have been awarded have seen prices upwards of \$15,000/ramp.

The asset managers reviewed the bid tabulations and estimates and agree that there is no scope to reduce and that the price per ramp is acceptable.

The RTD has been informed of the bid results and concurs with moving forward to award the project.

Please feel free to contact me at (719) 775-8003 if you have any questions or would like to further discuss this request.



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January 8, 2021

Colorado Department of Transportation
Attn: Mr. George Demos
2829 W. Howard Place, 3rd Floor
Denver, CO 80204

Re: SA#23062 / Limon Res. Curb Ramp Replacement
Award by Review Cost Justification

Dear Mr. Demos,

Per your request I am providing cost justification for items identified in your email dated January 8, 2021 for the above referenced project.

608-00000 Concrete Sidewalk

Average unit costs for Concrete Sidewalk on this project were higher than typically seen due to numerous locations, small quantities per location (which decreases production rates) and high material prices due to remote location and lack of suppliers in these remote areas.

In addition to the higher than typical material pricing experienced on the Front Range we will experience short load fees on concrete delivery due to the small quantities and multiple locations. Short load fees are experienced on deliveries of less than 5 CY, this dramatically increases the material supply costs.

Also as previously mentioned because of the numerous locations and smaller quantities typical production rates for labor are much slower thus increasing unit costs. Additionally the majority of these locations are not accessible to equipment so subgrade preparation and grading will have to be completed by labor rather than equipment also having an impact on the unit price due to higher per SY labor costs.

608-00010 Concrete Curb Ramp

Average unit costs for Concrete Curb Ramp are higher than typically seen for the same reasons as explained previously for the Concrete Sidewalk item. In addition to slower production rates caused by smaller quantities, accessibility issues and increased concrete material costs, we have experienced an increase in cost for the detectable warning plates required. All of these factors together increase the average unit costs we typically experience.

626-00000 Mobilization

This project is located in 10 different towns with approximately 206 locations requiring multiple mobilizations of removal equipment and supplies. The multiple locations have the same effect on subcontractors which mobilization costs are also included in this item. Additionally due to the distances to the project from our offices we included costs for live out expense and travel time for our labor force. These increased costs in addition to bonding, project management and quality control costs are included in our bid.

I hope the information provided meets your needs, if you need further cost justification please let me know.

Sincerely,

Aaron L. Mills

Digitally signed by Aaron L.
Mills
Date: 2021.01.08 16:05:09
-07'00'

Aaron L. Mills
President
TLM Constructors, Inc.