

FINAL REVIEW PLANS

**City and County of Denver
W. Colfax Ave. at N. Lipan St.
PHASE 2 - Lipan Construction
OPINION OF PROBABLE CONSTRUCTION COST
(Updated with CDOT Q1&Q2 2017 COSTS)**

Bidder
Surety

Technology Constructors Inc.
Employers Mutual Casualty Co.

Hallmark, Inc.
American Contractors Indemnity Co.

August 18, 2017

Bid Item	Unit	Bid Quantity	Item Cost	Total Cost	Unit Cost	Total Cost	Unit Cost	Total Cost	
1 201-00000	CLEARING AND GRUBBING	LS	1	\$10,000.00	\$10,000.00	\$1,784.00	\$1,784.00	\$8,000.00	\$8,000.00
2 202-00000	REMOVAL OF STRUCTURES & OBSTRUCTIONS	LS	1	\$10,000.00	\$10,000.00	\$1,400.00	\$1,400.00	\$1,500.00	\$1,500.00
3 202-00019	REMOVAL OF INLET	EA	2	\$1,000.00	\$2,000.00	\$1,920.00	\$3,840.00	\$2,000.00	\$4,000.00
4 202-00200	REMOVAL OF SIDEWALK	SY	233	\$50.00	\$11,650.00	\$19.00	\$4,427.00	\$17.00	\$3,961.00
5 202-00203	REMOVAL OF CURB & GUTTER	LF	181	\$14.00	\$2,534.00	\$7.00	\$1,267.00	\$8.00	\$1,448.00
6 202-00220	REMOVAL OF ASPHALT MAT	SY	368	\$28.00	\$10,304.00	\$26.00	\$9,568.00	\$11.00	\$4,048.00
7 202-00250	REMOVAL OF PAVEMENT MARKING	SF	1260	\$5.50	\$6,930.00	\$1.50	\$1,890.00	\$1.00	\$1,260.00
8 202-04002	CLEAN CULVERT	EACH	1	\$2,140.00	\$2,140.00	\$5,400.00	\$5,400.00	\$600.00	\$600.00
9 202-04003	CLEAN CULVERT (SPECIAL)	LS	1	\$5,000.00	\$5,000.00	\$17,888.00	\$17,888.00	\$1,800.00	\$1,800.00
10 203-00010	UNCLASSIFIED EXCAVATION (CIP)	CY	220	\$56.00	\$12,320.00	\$85.00	\$18,700.00	\$80.00	\$17,600.00
11 203-00100	MUCK EXCAVATION	CY	22	\$78.00	\$1,716.00	\$51.00	\$1,122.00	\$250.00	\$5,500.00
12 203-01597	POTHOLES	hour	16	\$240.00	\$3,840.00	\$300.00	\$4,800.00	\$375.00	\$6,000.00
13 203-01622	SWEEPING (WITH PICKUP BROOM)	hour	24	\$170.00	\$4,080.00	\$95.00	\$2,280.00	\$160.00	\$3,840.00
14 208-00045	CONCRETE WASHOUT STRUCTURE	EACH	1	\$2,800.00	\$2,800.00	\$900.00	\$900.00	\$1,000.00	\$1,000.00
15 208-00050	INLET PROTECTION CURB ON GRADE	EACH	4	\$280.00	\$1,120.00	\$240.00	\$960.00	\$300.00	\$1,200.00
16 208-00070	STABILIZED CONSTRUCTION ENTRANCE (VEHICLE TRACKING CONTROL)	EACH	1	\$2,650.00	\$2,650.00	\$1,050.00	\$1,050.00	\$2,000.00	\$2,000.00
17 208-00103	REMOVAL AND DISPOSAL OF SEDIMENT (LABOR)	hour	24	\$58.00	\$1,392.00	\$45.00	\$1,080.00	\$75.00	\$1,800.00
18 208-00105	REMOVAL AND DISPOSAL OF SEDIMENT (EQUIPMENT)	hour	24	\$117.00	\$2,808.00	\$122.00	\$2,928.00	\$175.00	\$4,200.00
19 208-00205	EROSION CONTROL SUPERVISOR	hour	24	\$130.00	\$3,120.00	\$55.00	\$1,320.00	\$165.00	\$3,960.00
20 210-00050	RESET FIRE HYDRANT	EA	1	\$6,000.00	\$6,000.00	\$4,200.00	\$4,200.00	\$1,200.00	\$1,200.00
21 210-00810	RESET GROUND SIGN	EACH	1	\$293.00	\$293.00	\$375.00	\$375.00	\$500.00	\$500.00
22 210-00840	RESET TRAFFIC SIGNAL POLE	EACH	2	\$3,600.00	\$7,200.00	\$14,178.00	\$28,356.00	\$3,000.00	\$6,000.00
23 210-01000	RESET FENCE	LF	85	\$38.00	\$3,230.00	\$42.00	\$3,570.00	\$80.00	\$6,800.00
24 210-04010	ADJUST MANHOLE	EA	2	\$985.00	\$1,970.00	\$660.00	\$1,320.00	\$600.00	\$1,200.00
25 211-02275	CEMENT GROUT (ABANDONMENT GROUT)	CY	0.32	\$1,562.50	\$500.00	\$2,343.75	\$750.00	\$3,100.00	\$992.00
26 211-03005	DEWATERING	LS	1	\$5,800.00	\$5,800.00	\$3,245.00	\$3,245.00	\$8,000.00	\$8,000.00
27 250-00010	ENVIRONMENTAL HEALTH AND SAFETY MANAGEMENT	LS	1	\$7,500.00	\$7,500.00	\$3,600.00	\$3,600.00	\$3,000.00	\$3,000.00
28 250-00050	MONITORING TECHNICIAN	hour	10	\$137.00	\$1,370.00	\$100.00	\$1,000.00	\$120.00	\$1,200.00
29 250-00110	HEALTH AND SAFETY OFFICER	hour	20	\$163.00	\$3,260.00	\$100.00	\$2,000.00	\$125.00	\$2,500.00
30 250-00120	MATERIALS SAMPLING AND DELIVERY	EA	6	\$213.00	\$1,278.00	\$68.00	\$408.00	\$80.00	\$480.00
31 250-00200	MATERIALS HANDLING (STOCKPILE)	CY	75	\$355.00	\$26,625.00	\$41.00	\$3,075.00	\$30.00	\$2,250.00
32 304-06000	AGGREGATE BASE COURSE	TON	134	\$80.00	\$10,720.00	\$43.00	\$5,762.00	\$50.00	\$6,700.00
33 403-00721	HOT MIX ASPHALT (PATCHING) (ASPHALT)	SY	17	\$65.00	\$1,105.00	\$127.00	\$2,159.00	\$205.00	\$3,485.00
34 403-33841	HOT MIX ASPHALT GRADING S (100) (PG 64-22)	TON	104	\$95.00	\$9,880.00	\$156.00	\$16,224.00	\$215.00	\$22,360.00
35 403-34871	HOT MIX ASPHALT GRADING SX (100) (PG 76-28)	TON	40	\$130.00	\$5,200.00	\$276.00	\$11,040.00	\$288.00	\$11,520.00
36 411-10255	EMULSIFIED ASPHALT (SLOW SETTING)	GAL	519	\$6.00	\$3,114.00	\$1.00	\$519.00	\$3.00	\$1,557.00
37 603-01180	18 INCH REINFORCED CONCRETE PIPE	LF	42	\$85.00	\$3,570.00	\$144.00	\$6,048.00	\$110.00	\$4,620.00
38 604-16005	INLET TYPE 16 (5 FOOT)	EA	1	\$4,500.00	\$4,500.00	\$5,880.00	\$5,880.00	\$4,500.00	\$4,500.00
39 604-16010	INLET TYPE 16 (10 FOOT)	EA	1	\$4,325.00	\$4,325.00	\$8,400.00	\$8,400.00	\$7,000.00	\$7,000.00
40 604-30015	MANHOLE SLAB BASE (15 FOOT)	EA	1	\$6,740.00	\$6,740.00	\$18,000.00	\$18,000.00	\$10,000.00	\$10,000.00
41 607-53172	FENCE CHAIN LINK (72 INCH)	LF	90	\$14.00	\$1,260.00	\$12.00	\$1,080.00	\$10.00	\$900.00
42 608-00006	SIDEWALK (6 INCH)	SY	231	\$86.00	\$19,866.00	\$75.00	\$17,325.00	\$80.00	\$18,480.00
43 608-00010	CONCRETE CURB RAMP	SY	88	\$190.00	\$16,720.00	\$140.00	\$12,320.00	\$220.00	\$19,360.00
44 609-21020	C&G TYPE 2 (SEC II B)	LF	127	\$40.00	\$5,080.00	\$28.00	\$3,556.00	\$40.00	\$5,080.00
45 625-00000	CONSTRUCTION SURVEYING	LS	1	\$20,000.00	\$20,000.00	\$9,000.00	\$9,000.00	\$3,500.00	\$3,500.00
46 626-00000	MOBILIZATION	LS	1	\$43,380.00	\$43,380.00	\$29,462.00	\$29,462.00	\$110,000.00	\$110,000.00
47 626-01000	PUBLIC INFORMATION SERVICES	LS	1	\$13,000.00	\$13,000.00	\$9,750.00	\$9,750.00	\$13,000.00	\$13,000.00
48 627-00005	EPOXY PAVEMENT MARKING	GAL	1	\$98.00	\$98.00	\$390.00	\$390.00	\$1,500.00	\$1,500.00
49 627-30405	PREFORMED THERMOPLASTIC PAVEMENT MARKING (WORD-SYMBOL)	SF	16	\$20.00	\$320.00	\$12.00	\$192.00	\$10.00	\$160.00

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OPINION OF PROBABLE CONSTRUCTION COST
(Updated with CDOT Q1&Q2 2017 COSTS)

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Surety

Technology Constructors Inc.
Employers Mutual Casualty Co.

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August 18, 2017

Bid Item		Unit	Bid Quantity	Item Cost	Total Cost	Unit Cost	Total Cost	Unit Cost	Total Cost	
50	627-30410	PREFORMED THERMOPLASTIC PAVEMENT MARKING (XWALK-STOP LINE)	SF	24	\$13.00	\$312.00	\$12.00	\$288.00	\$10.00	\$240.00
51	627-30411	PREFORMED THERMOPLASTIC PAVEMENT MARKING (XWALK-STOP LINE) (SPECIAL)	SF	1260	\$40.00	\$50,400.00	\$24.00	\$30,240.00	\$20.00	\$25,200.00
52	628-00000	CONSTRUCTION AS-BUILTS	LS	1	\$8,000.00	\$8,000.00	\$1,300.00	\$1,300.00	\$3,300.00	\$3,300.00
53	630-99999	CONSTRUCTION TRAFFIC CONTROL	LS	1	\$28,920.00	\$28,920.00	\$44,716.00	\$44,716.00	\$40,000.00	\$40,000.00
						Total Base Bid	\$368,154.00		\$420,301.00	
						Textura Fee	\$1,625.00		\$1,625.00	
						Total Bid	\$369,779.00		\$421,926.00	
FINAL DESIGN - TOTAL PROJECT PRICE						Rank		1		2
CONSTRUCTION BID ITEMS (CBI) SUBTOTAL: \$417,940.00										

DISCLAIMER

In providing this opinion of probable construction cost, the Client understands that Felsburg Holt & Ullevig (FHU) has no control over the price of labor, equipment or materials, or over the Contractor's method of pricing. This opinion of probable construction cost provided herein is made on the basis of our qualifications and experience. FHU makes no warranty, expressed or implied, as to the accuracy of such opinions as compared to bid or actual costs.