



2021 TRAFFIC SIGNAL MATERIALS BID ABSTRACT

ITEM NO.	ITEM DESCRIPTION	QTY	UNIT	COST ESTIMATE	Altitude Signal	CT Northwest	Econolite	McCain	Oriux	Western Systems
SCHEDULE "A":										
A.1	Side Pole Mounting Brackets - Signal Head	40	EA	\$188.00	\$0.00	\$0.00	\$250.00	\$184.00	\$180.00	\$121.87
				\$7,520.00	\$0.00	\$0.00	\$10,000.00	\$7,360.00	\$7,200.00	\$4,874.80
A.2	12" Pedestrian Hybrid Beacon - Signal Heads - Red, Red, and Amber	35	EA	\$488.00	\$0.00	\$0.00	\$750.00	\$493.00	\$700.00	\$623.26
				\$17,080.00	\$0.00	\$0.00	\$26,250.00	\$17,255.00	\$24,500.00	\$21,814.10
A.3	12: Three Section Vehicle Signal Heads - Red, Amber, & Green Ball	65	EA	\$415.00	\$0.00	\$0.00	\$490.00	\$423.00	\$425.00	\$391.10
				\$26,975.00	\$0.00	\$0.00	\$31,850.00	\$27,495.00	\$27,625.00	\$25,421.50
A.4	Pedestrian Signal Countdown Heads	100	EA	\$190.00	\$0.00	\$0.00	\$250.00	\$173.00	\$185.00	\$155.14
				\$19,000.00	\$0.00	\$0.00	\$25,000.00	\$17,300.00	\$18,500.00	\$15,514.00
A.5	Pedestrian Head Mounting Brackets, Single Head (L or R)	60	EA	\$172.00	\$0.00	\$0.00	\$225.00	\$166.00	\$165.00	\$100.33
				\$10,320.00	\$0.00	\$0.00	\$13,500.00	\$9,960.00	\$9,900.00	\$6,019.80
A.7	12" Three Section Vehicle Signal Heads - Red, Amber & Green Arrow	30	EA	\$429.00	\$0.00	\$0.00	\$500.00	\$438.00	\$435.00	\$404.41
				\$12,870.00	\$0.00	\$0.00	\$15,000.00	\$13,140.00	\$13,050.00	\$12,132.30
A.8	12" Four Section Vehicle Signal Heads - Red, Amber, Amber, & Green Arrow	35	EA	\$525.00	\$0.00	\$0.00	\$600.00	\$529.00	\$550.00	\$492.40
				\$18,375.00	\$0.00	\$0.00	\$21,000.00	\$18,515.00	\$19,250.00	\$17,234.00
SCHEDULE "A" TOTAL BID AMOUNT				\$112,140.00	\$0.00	\$0.00	\$142,600.00	\$111,025.00	\$120,025.00	\$103,010.50

SCHEDULE "B":										
B.1	LED Red Ball Display Retro-Fit Kit	100	EA	\$25.00	\$0.00	\$0.00	\$50.00	\$0.00	\$0.00	\$22.34
				\$2,500.00	\$0.00	\$0.00	\$5,000.00	\$0.00	\$0.00	\$2,234.00
B.2	LED Amber Ball Display Retro-Fit Kit	60	EA	\$25.00	\$0.00	\$0.00	\$50.00	\$0.00	\$0.00	\$28.19
				\$1,500.00	\$0.00	\$0.00	\$3,000.00	\$0.00	\$0.00	\$1,691.40
B.3	LED Green Ball Display Retro-Fit Kit	100	EA	\$25.00	\$0.00	\$0.00	\$50.00	\$0.00	\$0.00	\$24.46
				\$2,500.00	\$0.00	\$0.00	\$5,000.00	\$0.00	\$0.00	\$2,446.00
B.4	LED Red Arrow Display Retro-Fit Kit	100	EA	\$30.00	\$0.00	\$0.00	\$50.00	\$0.00	\$0.00	\$29.79
				\$3,000.00	\$0.00	\$0.00	\$5,000.00	\$0.00	\$0.00	\$2,979.00
B.5	LED Amber Arrow Display Retro-Fit Kit	20	EA	\$30.00	\$0.00	\$0.00	\$50.00	\$0.00	\$0.00	\$27.66
				\$600.00	\$0.00	\$0.00	\$1,000.00	\$0.00	\$0.00	\$553.20



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SCHEDULE "B" Continued:										
B.6	LED Green Arrow Display Retro-Fit Kit	100	EA	\$30.00	\$0.00	\$0.00	\$50.00	\$0.00	\$0.00	\$30.85
				\$3,000.00	\$0.00	\$0.00	\$5,000.00	\$0.00	\$0.00	\$3,085.00
B.7	LED Pedestrian Display 16" Hand/Man Retro-Fit Kit	100	EA	\$90.00	\$0.00	\$0.00	\$150.00	\$0.00	\$0.00	\$93.61
				\$9,000.00	\$0.00	\$0.00	\$15,000.00	\$0.00	\$0.00	\$9,361.00
SCHEDULE "B" TOTAL BID AMOUNT				\$22,100.00	\$0.00	\$0.00	\$39,000.00	\$0.00	\$0.00	\$22,349.60

SCHEDULE "C":										
C.1	Two Camera Video Detection Processor Card	10	EA	\$1,500.00	\$0.00	\$1,400.00	\$0.00	\$0.00	\$0.00	\$1,809.00
				\$15,000.00	\$0.00	\$14,000.00	\$0.00	\$0.00	\$0.00	\$18,090.00
C.2	Video Detection Expansion Module	10	EA	\$350.00	\$0.00	\$325.00	\$0.00	\$0.00	\$0.00	\$150.76
				\$3,500.00	\$0.00	\$3,250.00	\$0.00	\$0.00	\$0.00	\$1,507.60
C.3	Color Video Monitor	20	EA	\$225.00	\$0.00	\$219.00	\$0.00	\$0.00	\$0.00	\$284.76
				\$4,500.00	\$0.00	\$4,380.00	\$0.00	\$0.00	\$0.00	\$5,695.20
C.4	Color Video Detection Camera	10	EA	\$650.00	\$0.00	\$637.50	\$0.00	\$0.00	\$0.00	\$770.50
				\$6,500.00	\$0.00	\$6,375.00	\$0.00	\$0.00	\$0.00	\$7,705.00
C.5	Camera Junction Box	10	EA	\$40.00	\$0.00	\$35.00	\$0.00	\$0.00	\$0.00	\$0.00
				\$400.00	\$0.00	\$350.00	\$0.00	\$0.00	\$0.00	\$0.00
C.6	Mastarm Video Detection Mounting	10	EA	\$200.00	\$0.00	\$153.50	\$0.00	\$0.00	\$0.00	\$161.06
				\$2,000.00	\$0.00	\$1,535.00	\$0.00	\$0.00	\$0.00	\$1,610.60
C.8	Video Detection Communications Module	5	EA	\$1,200.00	\$0.00	\$1,680.00	\$0.00	\$0.00	\$0.00	\$893.33
				\$6,000.00	\$0.00	\$8,400.00	\$0.00	\$0.00	\$0.00	\$4,466.65
SCHEDULE "C" TOTAL BID AMOUNT				\$37,900.00	\$0.00	\$38,290.00	\$0.00	\$0.00	\$0.00	\$39,075.05

SCHEDULE "D":										
D.1	Single Point Video Detection Camera with Mounting Hardware	16	EA	\$3,200.00	\$3,870.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
				\$51,200.00	\$61,920.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
D.2	Single Point Camera Repeater	8	EA	\$1,000.00	\$380.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
				\$8,000.00	\$3,040.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
D.3	Single Point Video Detection Processor	10	EA	\$10,300.00	\$10,345.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
				\$103,000.00	\$103,450.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
SCHEDULE "D" TOTAL BID AMOUNT				\$162,200.00	\$168,410.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00



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SCHEDULE "E":										
E.1	Radar detection stop bar detection head	12	EA	\$4,500.00	\$0.00	\$4,370.00	\$4,000.00	\$0.00	\$0.00	\$0.00
				\$54,000.00	\$0.00	\$52,440.00	\$48,000.00	\$0.00	\$0.00	\$0.00
E.2	Radar detection advanced detection head	12	EA	\$4,500.00	\$0.00	\$4,370.00	\$7,000.00	\$0.00	\$0.00	\$0.00
				\$54,000.00	\$0.00	\$52,440.00	\$84,000.00	\$0.00	\$0.00	\$0.00
E.3	Radar detection processor	4	EA	\$3,500.00	\$0.00	\$3,444.86	\$3,995.00	\$0.00	\$0.00	\$0.00
				\$14,000.00	\$0.00	\$13,779.44	\$15,980.00	\$0.00	\$0.00	\$0.00
SCHEDULE "E" TOTAL BID AMOUNT				\$122,000.00	\$0.00	\$118,659.44	\$147,980.00	\$0.00	\$0.00	\$0.00

SCHEDULE "F":										
F.1	Accessible Pedestrian Signal 4-Wire Push Button Assemblies Includes SPI	140	EA	\$375.00	\$0.00	\$0.00	\$550.00	\$0.00	\$0.00	\$0.00
				\$52,500.00	\$0.00	\$0.00	\$77,000.00	\$0.00	\$0.00	\$0.00
SCHEDULE "F" TOTAL BID AMOUNT				\$52,500.00	\$0.00	\$0.00	\$77,000.00	\$0.00	\$0.00	\$0.00

TOTAL BID AMOUNT A, B, C, D, E and F:				\$508,840.00	\$168,410.00	\$156,949.44	\$406,580.00	\$111,025.00	\$120,025.00	\$164,435.15
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