

PayItemCode	Description	Units	Quantity	ENGINEERS EST.		Rauhorn		J. Ranck	
				Price	Total	Price	Total	Price	Total
8100330	Perforated Steel Square Tube Breakaway System	Ea	6	\$700.00	\$4,200.00	\$1,498.00	\$8,988.00	\$8,988.00	\$6,000.00
8127051	_ Traffic Control, MAX \$20,000	LSUM	1	\$20,000.00	\$20,000.00	\$20,000.00	\$20,000.00	\$20,000.00	\$20,000.00
8190016	Cable, Rem	Ft	300	\$1.50	\$450.00	\$1.81	\$543.00	\$543.00	\$600.00
8190025	Conduit, DB, 1, 1/2 inch	Ft	20	\$10.00	\$200.00	\$16.00	\$320.00	\$320.00	\$100.00
8190029	Conduit, DB, 1, 3 inch	Ft	65	\$20.00	\$1,300.00	\$25.00	\$1,625.00	\$1,625.00	\$975.00
8190236	Cable, Equipment Grounding Wire, 1/C#6	Ft	15	\$2.00	\$30.00	\$0.94	\$14.10	\$14.10	\$120.00
8190254	Hh, Rem	Ea	1	\$400.00	\$400.00	\$220.00	\$220.00	\$220.00	\$400.00
8190260	Hh, Round	Ea	1	\$2,000.00	\$2,000.00	\$1,200.00	\$1,200.00	\$1,200.00	\$2,200.00
8197001	_ Conduit, DB, 1, 2 inch	Ft	55	\$15.00	\$825.00	\$12.00	\$660.00	\$660.00	\$660.00
8197050	_ T.S. Handhole, Conc, Conduit Tap	Ea	4	\$300.00	\$1,200.00	\$397.00	\$1,588.00	\$1,588.00	\$1,600.00
8200030	Controller and Cabinet, Rem	Ea	1	\$300.00	\$300.00	\$200.00	\$200.00	\$200.00	\$400.00
8200100	Pedestal, Alum	Ea	1	\$1,000.00	\$1,000.00	\$731.00	\$731.00	\$731.00	\$1,200.00
8200105	Pedestal, Fdn	Ea	4	\$1,300.00	\$5,200.00	\$880.00	\$3,520.00	\$3,520.00	\$5,600.00
8200106	Pedestal Fdn, Rem	Ea	4	\$420.00	\$1,680.00	\$250.00	\$1,000.00	\$1,000.00	\$1,800.00
8200121	Pushbutton and Sign	Ea	2	\$850.00	\$1,700.00	\$985.00	\$1,970.00	\$1,970.00	\$2,400.00
8200122	Pushbutton, Rem	Ea	11	\$210.00	\$2,310.00	\$88.00	\$968.00	\$968.00	\$2,475.00
8200123	Pushbutton Pedestal, Alum	Ea	3	\$900.00	\$2,700.00	\$525.00	\$1,575.00	\$1,575.00	\$3,300.00
8200124	Pushbutton Pedestal, Rem	Ea	3	\$250.00	\$750.00	\$79.00	\$237.00	\$237.00	\$750.00
8200128	Push Button Station and Sign	Ea	8	\$1,575.00	\$12,600.00	\$1,030.00	\$8,240.00	\$8,240.00	\$14,000.00
8200175	TS, Bracket Arm Mtd, Rem	Ea	1	\$200.00	\$200.00	\$88.00	\$88.00	\$88.00	\$300.00
8200177	TS, Mast Arm Mtd, Rem	Ea	2	\$200.00	\$400.00	\$88.00	\$176.00	\$176.00	\$600.00
8200180	TS, Pedestrian, Bracket Arm Mtd, Rem	Ea	5	\$210.00	\$1,050.00	\$88.00	\$440.00	\$440.00	\$1,500.00
8200181	TS, Pedestrian, Pedestal Mtd, Rem	Ea	1	\$210.00	\$210.00	\$3,600.00	\$3,600.00	\$3,600.00	\$300.00
8200240	Pedestrian Signal System, Accessible	Ea	3	\$5,000.00	\$15,000.00	\$1,615.00	\$4,845.00	\$4,845.00	\$15,000.00
8200304	TS, One Way Mast Arm Mtd, FYA (LED)	Ea	1	\$1,600.00	\$1,600.00	\$1,061.00	\$1,061.00	\$1,061.00	\$1,900.00
8200336	TS, Pedestrian, One Way Bracket Arm Mtd (LED) Countdown	Ea	4	\$1,700.00	\$6,800.00	\$1,075.00	\$4,300.00	\$4,300.00	\$7,600.00
8200345	TS, Pedestrian, One Way Pedestal Mtd (LED) Countdown	Ea	2	\$1,700.00	\$3,400.00	\$1,036.00	\$2,072.00	\$2,072.00	\$3,800.00
8200359	TS, One Way Mast Arm Mtd (LED)	Ea	2	\$1,500.00	\$3,000.00	\$1,036.00	\$2,072.00	\$2,072.00	\$3,800.00
8200422	Wireless Vehicle Detection System	Ea	2	\$9,000.00	\$18,000.00	\$7,727.00	\$15,454.00	\$15,454.00	\$20,000.00
8200425	Wireless Vehicle Sensor Node	Ea	30	\$1,100.00	\$33,000.00	\$831.00	\$24,930.00	\$24,930.00	\$37,500.00
8200498	Cellular Modem, TS, 4G	Ea	1	\$2,000.00	\$2,000.00	\$1,865.00	\$1,865.00	\$1,865.00	\$2,750.00
8207050	_ Backplate, TS, 3 Sec	Ea	2	\$275.00	\$550.00	\$200.00	\$400.00	\$400.00	\$1,000.00
8207050	_ Backplate, TS, 4 Sec	Ea	1	\$300.00	\$300.00	\$212.00	\$212.00	\$212.00	\$525.00
8207050	_ Controller and Cabinet, Pole Mount (TS2)	Ea	1	\$25,000.00	\$25,000.00	\$20,910.00	\$20,910.00	\$20,910.00	\$20,000.00
8207050	_ Managed Ethernet Switch	Ea	1	\$4,500.00	\$4,500.00	\$4,316.00	\$4,316.00	\$4,316.00	\$3,500.00
8207050	_ Wireless Repeater, Flex	Ea	6	\$4,000.00	\$24,000.00	\$4,322.00	\$25,932.00	\$25,932.00	\$24,000.00
8267050	_ Ground Rod	Ea	1	\$65.00	\$65.00	\$97.00	\$97.00	\$97.00	\$300.00
8267050	_ Uninterruptible Power Supply, ITS, Modified	Ea	1	\$16,000.00	\$16,000.00	\$13,436.00	\$13,436.00	\$13,436.00	\$15,000.00
					\$213,920.00		\$179,805.10		\$223,955.00
							-15.95%		4.69%