



2021 AUTOMATIC VEHICLE LOCATION (AVL) HARDWARE AND SOFTWARE COST ABSTRACT

ITEM NO.	ITEM DESCRIPTION	QTY	UNIT	Samsara	Marshall and Associates	Cypress Solutions (New Hardware)
HARDWARE:						
1	Hardware with 4-6 I/Os (including all cabling)	121	EA	\$0.00	\$245.00 \$29,645.00	\$393.00 \$47,553.00
2	Hardware for light duty vehicles OBDII ports (including all cabling)	144	EA	\$0.00	\$200.00 \$28,800.00	\$114.00 \$16,416.00
3	GPS with 1 input/output for PTO (including all cabling)	31	EA	\$0.00	\$150.00 \$4,650.00	\$389.25 \$12,066.75
4	GPS for graders, loaders, backhoes, etc. (including cabling)	50	EA	\$0.00	\$150.00 \$7,500.00	\$379.25 \$18,962.50
5	Training Costs, including all travel			Included	\$0.00	\$4,200.00
6	Custom Sweeping Report			Included	\$0.00	\$0.00
HARDWARE TOTAL BID AMOUNT				\$0.00	\$70,595.00	\$99,198.25
INSTALLATION ALTERNATE COSTS:						
1	Hardware Installation Cost - Vendor Installed			\$25,950.00	\$30,000.00	\$39,695.00
2	Hardware Installation Cost - ACHD Installed, Vendor Supported			\$0.00	\$4,500.00	\$3,900.00
SOFTWARE AS A SERVICE:						
1	First Year license fees	12	MO	\$6,677.80	\$5,882.00	\$0.00
				\$80,133.60	\$70,584.00	\$0.00
2	Ongoing annual license fees, maintenance and support.	12	MO	\$6,677.80	\$5,882.00	\$7,030.50
				\$80,133.60	\$70,584.00	\$84,366.00
3	Implementation costs including data conversion and ACHD Staff Training.	1	EA	\$0.00	\$0.00	\$0.00
				\$0.00	\$0.00	\$0.00
4	Anticipated travel and out-of-pocket costs for the implementation project.	1	EA	\$0.00	\$0.00	\$0.00
				\$0.00	\$0.00	\$0.00
SOFTWARE AS A SERVICE TOTAL BID AMOUNT				\$160,267.20	\$141,168.00	\$84,366.00
SUMMARY:						
SUMMARY TOTAL BID AMOUNT				\$160,267.20	\$211,763.00	\$183,564.25
NOTES:						
Samsara Networks Inc.:		Samsara did not fill out the Cost Proposal as we asked them to. They left a note about the Hardware Section and then their Software as a Service Total they put in the annual cost per unit - there are 346 units so the monthly cost is \$6,677.80 for a total of : \$80,133.60 per year.				
Marshall and Associates:		Marshall did not fill out the Cost Proposal as we asked them to. Their Software as a Service Total they put in the annual cost per unit - there are 346 units so the monthly cost is \$5,882.00 for a total of : \$70,584.00 per year.				
Cypress Solutions		Cypress added an option for using existing ACHD hardware. This was not asked for and therefore not used in this abstract.				