



Vendor Ranking

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Letting:	CT220223	February 23, 2022 10:30 AM	Call Order:	017	Contract:	T7483
District:	District 7		Counties:	HILLSBOROUGH	Fed Aid No:	D721027B
Contract Time:	566 AVAILABLE DAYS				Project(s):	44536225201 (*)
Contract Desc:	SR 400 (I-4)					44701215201

Rank	Vendor	Bid Type	Bid Status	Total Bid	Percent Of Low Bid
1	HIGHWAY SAFETY DEVICES, INC.	Responsive	Winning bid	\$8,953,663.75	100.00%
2	CHINCHOR ELECTRIC INC.	Responsive	Non-Winning Bid	\$9,390,821.72	104.88%

NOTE: Failure to file a protest within the time prescribed in section 120.57(3), Florida Statutes, or failure to post the bond or other security required by law within the time allowed for filing a bond shall constitute a waiver of proceedings under chapter 120, Florida Statutes.



Tabulation of Bids

Letting: CT220223 February 23, 2022**Call Order:** 017**Contract:** T7483**District:** District 7**Counties:** HILLSBOROUGH**Fed Aid No:** D721027B**Contract Time:** 566 AVAILABLE DAYS**Project(s):** 44536225201 (*)**Contract Descr:** SR 400 (I-4)

44701215201

Railroad insurance is required for this Proposal at time of contract execution. Please see the Specifications Package for more information.

The improvements under this contract consist of the SR 400 (I-4) Florida's Regional Advanced Mobility Elements (FRAME) project includes the installation of roadside units (RSUs) that include dual-mode Dedicated Short-Range Communications (DSRC) and Cellular Vehicle-to-Everything (C-V2X) radios. The installation of RSUs will allow for the transmission of Signal Phase and Timing (SPAT) data, CV emergency vehicle preemption (EVP), and CV transit signal priority (TSP) applications in Hillsborough County, Florida.

Line No / Item ID		Alternate	Quantity Units	(1) HIGHWAY SAFETY DEVICES, INC.		(2) CHINCHOR ELECTRIC INC.			
Item Description				Unit Price	Ext Amount	Unit Price	Ext Amount	Unit Price	Ext Amount
() indicates item is bid as Lump Sum									
SECTION: 0001			Roadway						
0005	0101 1		(1.000)	664,690.00000	664,690.00	708,412.26000	708,412.26		
MOBILIZATION 44536225201			LS						
0010	0101 1		(1.000)	221,575.00000	221,575.00	179,509.29000	179,509.29		
MOBILIZATION 44701215201			LS						
0015	0102 1		(506.000)	175,552.50000	175,552.50	90,470.00000	90,470.00		
MAINTENANCE OF TRAFFIC 44536225201			DA (LS)						
0020	0102 1		(60.000)	58,517.50000	58,517.50	35,586.25000	35,586.25		
MAINTENANCE OF TRAFFIC 44701215201			DA (LS)						
0025	0102 14		948.000	91.50000	86,742.00	88.19000	83,604.12		
TRAFFIC CONTROL OFFICER			HR						
0030	0102 60		80,229.000	0.25000	20,057.25	0.26000	20,859.54		
WORK ZONE SIGN			ED						



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Item Description				Unit Price	Ext Amount	Unit Price	Ext Amount	Unit Price	Ext Amount
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SECTION: 0001		Roadway							
0035	0102 74 1		22,326.000	0.15000	3,348.90	0.13000	2,902.38		
CHANNELIZING DEVICE- TYPES I, II, DI, VP, DRUM, OR LCD			ED						
0040	0102 74 8		558.000	0.10000	55.80	0.10000	55.80		
CHANNELIZING DEVICE- PEDESTRIAN LCD (LONGITUDINAL CHANNELIZING DEVICE)			FD						
0045	0102 76		474.000	5.50000	2,607.00	5.03000	2,384.22		
ARROW BOARD / ADVANCE WARNING ARROW PANEL			ED						
0050	0102 99		935.000	12.00000	11,220.00	11.10000	10,378.50		
PORTABLE CHANGEABLE MESSAGE SIGN, TEMPORARY			ED						
0055	0102115		962.000	0.30000	288.60	0.29000	278.98		
TYPE III BARRICADE			ED						
0060	0110 4 10		6.000	61.00000	366.00	232.40000	1,394.40		
REMOVAL OF EXISTING CONCRETE			SY						
0065	0522 1		6.000	185.00000	1,110.00	412.93000	2,477.58		
CONCRETE SIDEWALK AND DRIVEWAYS, 4" THICK			SY						
0070	0999 25		(1.000)	82,000.00000	82,000.00	82,000.00000	82,000.00		
INITIAL CONTINGENCY AMOUNT, DO NOT BID 44536225201			LS						



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SECTION: 0001		Roadway							
0075	0999 25		(1.000)	9,000.00000	9,000.00	9,000.00000	9,000.00		
INITIAL CONTINGENCY AMOUNT, DO NOT BID 44701215201			LS						
0001 Roadway Section Totals:					\$1,337,130.55		\$1,229,313.32		
SECTION: 0002		Intelligent Transportation System							
0080	0611 1 1		1.044	1,850.00000	1,931.40	5,166.75000	5,394.09		
ITSFM SUBSURFACE DOCUMENTATION- PROJECT LENGTH			MI						
0085	0611 2 1		197.000	1,500.00000	295,500.00	129.69000	25,548.93		
ITSFM LOCATION DOCUMENTATION- INTERSECTION			EA						
0090	0611 2 2		56.000	975.00000	54,600.00	337.19000	18,882.64		
ITSFM LOCATION DOCUMENTATION- ITS SITE			EA						
0095	0630 2 11		6,929.000	10.50000	72,754.50	11.41000	79,059.89		
CONDUIT, FURNISH & INSTALL, OPEN TRENCH			LF						
0100	0630 2 12		43,808.000	21.00000	919,968.00	12.71000	556,799.68		
CONDUIT, FURNISH & INSTALL, DIRECTIONAL BORE			LF						
0105	0630 2 14		771.000	37.50000	28,912.50	32.47000	25,034.37		
CONDUIT, FURNISH & INSTALL, ABOVEGROUND			LF						



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			Unit Price	Ext Amount	Unit Price	Ext Amount	Unit Price	Ext Amount
SECTION: 0002 Intelligent Transportation System								
0110 0632 7 2 SIGNAL CABLE- REPAIR/REPLACE/OTHER, FURNISH & INSTALL		48,868.000 LF	3.50000	171,038.00	6.34000	309,823.12		
0115 0633 1121 FIBER OPTIC CABLE, F&I, UNDERGROUND,2-12 FIBERS		10,655.000 LF	3.40000	36,227.00	2.65000	28,235.75		
0120 0633 2 31 FIBER OPTIC CONNECTION, INSTALL, SPLICE		22.000 EA	42.50000	935.00	57.06000	1,255.32		
0125 0633 2 32 FIBER OPTIC CONNECTION, INSTALL, TERMINATION		72.000 EA	105.00000	7,560.00	59.14000	4,258.08		
0130 0633 3 12 FIBER OPTIC CONNECTION HARDWARE, F&I, SPLICE TRAY		6.000 EA	61.00000	366.00	54.05000	324.30		
0135 0633 3 16 FIBER OPTIC CONNECTION HARDWARE, F&I, PATCH PANEL- FIELD TERMINATED		6.000 EA	1,950.00000	11,700.00	1,997.19000	11,983.14		
0140 0633 3 51 FIBER OPTIC CONNECTION HARDWARE, ADJUST/MODIFY SPLICE ENCLOSURE		5.000 EA	550.00000	2,750.00	409.81000	2,049.05		
0145 0633 6 FIBER OPTIC CABLE LOCATOR		566.000 DA	395.00000	223,570.00	67.44000	38,171.04		



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SECTION: 0002 Intelligent Transportation System								
0150 0635 2 11 PULL & SPLICE BOX, F&I, 13" x 24" COVER SIZE		195.000 EA	1,050.00000	204,750.00	1,037.50000	202,312.50		
0155 0635 2 12 PULL & SPLICE BOX, F&I, 24" X 36" COVER SIZE		23.000 EA	2,300.00000	52,900.00	1,726.40000	39,707.20		
0160 0639 1122 ELECTRICAL POWER SERVICE, F&I, UNDERGROUND, METER PURCHASED BY CONTRACTOR		3.000 AS	7,900.00000	23,700.00	4,837.86000	14,513.58		
0165 0639 2 1 ELECTRICAL SERVICE WIRE, FURNISH & INSTALL		8,146.000 LF	9.80000	79,830.80	6.88000	56,044.48		
0170 0639 3 11 ELECTRICAL SERVICE DISCONNECT, F&I, POLE MOUNT		8.000 EA	1,500.00000	12,000.00	1,121.54000	8,972.32		
0175 0639 6 1 ELECTRICAL POWER SERVICE- TRANSFORMER FURNISH & INSTALL		3.000 EA	3,450.00000	10,350.00	2,535.65000	7,606.95		
0180 0641 2 12 PRESTRESSED CONCRETE POLE, F&I, TYPE P-II SERVICE POLE		30.000 EA	1,350.00000	40,500.00	1,500.23000	45,006.90		
0185 0660 3 11 VEHICLE DETECTION SYSTEM- MICROWAVE, FURNISH & INSTALL CABINET EQUIPMENT		21.000 EA	12,500.00000	262,500.00	11,761.10000	246,983.10		



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SECTION: 0002 Intelligent Transportation System								
0190 0660 3 12 VEHICLE DETECTION SYSTEM- MICROWAVE, FURNISH & INSTALL, ABOVE GROUND EQUIPMENT		55.000 EA	7,000.00000	385,000.00	7,232.41000	397,782.55		
0195 0660 3 60 VEHICLE DETECTION SYSTEM - MICROWAVE, REMOVE, COMPLETE SYSTEM		5.000 EA	300.00000	1,500.00	385.95000	1,929.75		
0200 0660 4 11 VEHICLE DETECTION SYSTEM- VIDEO, FURNISH & INSTALL CABINET EQUIPMENT		10.000 EA	12,200.00000	122,000.00	11,761.10000	117,611.00		
0205 0660 4 12 VEHICLE DETECTION SYSTEM- VIDEO, FURNISH & INSTALL ABOVE GROUND EQUIPMENT		55.000 EA	4,450.00000	244,750.00	14,225.16000	782,383.80		
0210 0660 4 51 VEHICLE DETECTION SYSTEM- VIDEO, ADJUST/MODIFY CABINET EQUIPMENT		1.000 EA	240.00000	240.00	1,290.65000	1,290.65		
0215 0660 4 60 VEHICLE DETECTION SYSTEM- VIDEO, REMOVE		5.000 EA	300.00000	1,500.00	385.95000	1,929.75		
0220 0660 6121 VEHICLE DETECTION SYSTEM- AVI, BLUETOOTH, FURNISH & INSTALL, CABINET EQUIPMENT		19.000 EA	360.00000	6,840.00	1,152.66000	21,900.54		
0225 0660 6122 VEHICLE DETECTION SYSTEM- AVI, BLUETOOTH, FURNISH & INSTALL, ABOVE GROUND EQUIPMENT		19.000 EA	5,250.00000	99,750.00	7,158.75000	136,016.25		



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SECTION: 0002 Intelligent Transportation System								
0230 0660 7 11 VEHICLE DETECTION SYSTEM- WRONG WAY FOR EXIT RAMP, 1 OR 2 LANES		4.000 EA	33,700.00000	134,800.00	45,577.38000	182,309.52		
0235 0660100 2 VEHICLE DETECTORS, INSTALL, LIDAR CABINET EQUIPMENT, PROJECT 447012-1-52-01		3.000 EA	330.00000	990.00	9,903.98000	29,711.94		
0240 0660100 3 VEHICLE DETECTORS, INSTALL, LIDAR OVERHEAD EQUIPMENT, PROJECT 447012-1-52-01		6.000 EA	655.00000	3,930.00	8,110.14000	48,660.84		
0245 0670 5112 TRAFFIC CONTROLLER ASSEMBLY, F&I, NEMA, 2 PREEMPTION		1.000 AS	37,245.00000	37,245.00	34,393.13000	34,393.13		
0250 0670 5400 TRAFFIC CONTROLLER ASSEMBLY, MODIFY		113.000 AS	470.00000	53,110.00	2,328.15000	263,080.95		
0255 0670 5600 TRAFFIC CONTROLLER ASSEMBLY, REMOVE CONTROLLER WITH CABINET		1.000 AS	435.00000	435.00	643.25000	643.25		
0260 0671 2 11 TRAFFIC CONTROLLER WITHOUT CABINET, F&I IN EXISTING CABINET, NEMA		77.000 EA	9,700.00000	746,900.00	9,307.41000	716,670.57		
0265 0671 2 40 TRAFFIC CONTROLLER, MODIFY		16.000 EA	2,050.00000	32,800.00	2,199.50000	35,192.00		



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			Unit Price	Ext Amount	Unit Price	Ext Amount	Unit Price	Ext Amount
SECTION: 0002 Intelligent Transportation System								
0270 0671 2 50		6.000	200.00000	1,200.00	771.90000	4,631.40		
TRAFFIC CONTROLLER, RELOCATE- WITHOUT CABINET		EA						
0275 0671 2 60		77.000	110.00000	8,470.00	257.30000	19,812.10		
TRAFFIC CONTROLLER, REMOVE- CABINET TO REMAIN		EA						
0280 0676 1117		6.000	26,100.00000	156,600.00	25,408.38000	152,450.28		
TRAFFIC SIGNAL CONTROLLER CABINET, FURNISH & INSTALL WITHOUT CONTROLLER, NEMA SIZE7, 44" W x 72" H x 24" D		EA						
0285 0676 1600		6.000	435.00000	2,610.00	771.90000	4,631.40		
TRAFFIC SIGNAL CONTROLLER CABINET, REMOVE		EA						
0290 0676 2122		23.000	9,400.00000	216,200.00	6,527.95000	150,142.85		
ITS CABINET, FURNISH & INSTALL, POLE MOUNT WITH SUNSHIELD, 336S, 24" W X 46" H X 22" D		EA						
0295 0676 2142		4.000	7,400.00000	29,600.00	8,277.18000	33,108.72		
ITS CABINET, FURNISH & INSTALL, BASE MOUNT WITH SUNSHIELD, 336S, 24" W X 46" H X 22" D		EA						
0300 0676 3 10		6.000	1,050.00000	6,300.00	956.58000	5,739.48		
SMALL EQUIPMENT ENCLOSURE, FURNISH AND INSTALL, LESS THAN 10"W X 13"H X 11" D		EA						
0305 0676 3 50		23.000	365.00000	8,395.00	672.30000	15,462.90		
SMALL EQUIPMENT ENCLOSURE, ADJUST/MODIFY, >10" W x 13" H x 11" D		EA						



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			Unit Price	Ext Amount	Unit Price	Ext Amount	Unit Price	Ext Amount
SECTION: 0002 Intelligent Transportation System								
0310 0682 1113 ITS CCTV CAMERA, F&I, DOME PTZ ENCLOSURE - PRESSURIZED, IP, HIGH DEFINITION		106.000 EA	7,250.00000	768,500.00	7,729.38000	819,314.28		
0315 0684 1 1 MANAGED FIELD ETHERNET SWITCH, FURNISH & INSTALL		75.000 EA	4,550.00000	341,250.00	4,181.13000	313,584.75		
0320 0684 1 6 MANAGED FIELD ETHERNET SWITCH, REMOVE- CABINET TO REMAIN		20.000 EA	100.00000	2,000.00	257.30000	5,146.00		
0325 0684 6 13 WIRELESS COMMUNICATION DEVICE, FURNISH & INSTALL SERIAL DATA UNIT		12.000 EA	4,300.00000	51,600.00	1,058.25000	12,699.00		
0330 0684 90100 NETWORK DEVICE, ETHERNET REPEATER		24.000 EA	875.00000	21,000.00	517.71000	12,425.04		
0335 0685 1 12 UNINTERRUPTIBLE POWER SUPPLY, FURNISH AND INSTALL, ONLINE/DOUBLE CONVERSION		4.000 EA	8,250.00000	33,000.00	7,161.86000	28,647.44		
0340 0685 1 14 UNINTERRUPTIBLE POWER SUPPLY, FURNISH AND INSTALL, ONLINE/DOUBLE CONVERSION WITH CABINET		7.000 EA	8,750.00000	61,250.00	9,989.05000	69,923.35		
0345 0685 2 1 REMOTE POWER MANAGEMENT UNIT- RPMU, FURNISH AND INSTALL		222.000 EA	575.00000	127,650.00	697.20000	154,778.40		



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			Unit Price	Ext Amount	Unit Price	Ext Amount	Unit Price	Ext Amount
SECTION: 0002 Intelligent Transportation System								
0350 0700 6 11		16.000	6,150.00000	98,400.00	5,208.25000	83,332.00		
HIGHLIGHTED SIGN, F&I GROUND MOUNT- AC POWERED, UP TO 12 SF		AS						
0355 0700 6 12		6.000	6,200.00000	37,200.00	6,083.90000	36,503.40		
HIGHLIGHTED SIGN, F&I GROUND MOUNT- AC POWERED, 12-20 SF		AS						
0360 0700 11 8		117.000	8,550.00000	1,000,350.00	10,161.28000	1,188,869.76		
ELECTRONIC DISPLAY SIGN, FURNISH & INSTALL GROUND MOUNT- AC POWERED, BLANK OUT SIGN, 48" X 48", PROJECT 445362-2-52-01		AS						
0365 0700 13 12		16.000	135.00000	2,160.00	168.08000	2,689.28		
RETROREFLECTIVE SIGN STRIP- FURNISH AND INSTALL, 2'		EA						
0370 0920681 5		255.000	1,000.00000	255,000.00	2,126.88000	542,354.40		
CONNECTED VEHICLE ROAD SIDE UNIT, PROJECTS 445362-2-52-01 AND 447012-1-52-01		EA						
0375 0920681 6		3.000	555.00000	1,665.00	1,929.75000	5,789.25		
CONNECTED VEHICLE ROAD SIDE UNIT, INDUSTRIAL COMPUTER, PROJECTS 445362-2-52-01 AND 447012-1-52-01		EA						
0002 Intelligent Transportation System Totals:			\$7,616,533.20		\$8,161,508.40			
System								



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			Unit Price	Ext Amount	Unit Price	Ext Amount	Unit Price	Ext Amount
Contract Grand Totals:			\$8,953,663.75		\$9,390,821.72			



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Certified in accordance with Code of Federal Regulations Title 23, Chapter 1, Subchapter G, Subsection 635.113(b).

Alan D. Autry

Manager, Contracts Administration Office

03/08/2022