

RESOLUTION 21-214

**A RESOLUTION TO AUTHORIZE THE PURCHASE
OF A TOTAL STATION MAPPING SYSTEM FOR THE POLICE
DEPARTMENT**

WHEREAS, the Spring Hill Police Department responds to and investigates vehicular fatalities and incidents within the city limits; and

WHEREAS, in order to improve the promptness, quality and accuracy of information and reporting, the Spring Hill Police Department is in need of updating their existing mapping system; and

WHEREAS, the City of Spring Hill advertised Request for Proposals and accepted proposals on November 16th, 2:00 pm; and

WHEREAS, City staff reviewed the proposals and recommends to purchase the total station mapping system, to include software and training from Forensic Mapping Solutions for a total cost of \$32,969.00; and

WHEREAS, funding is budgeted in the current 2021-2022 fiscal year budget where proceeds were allocated from the Tennessee Cares Act.

NOW, THEREFORE BE IT RESOLVED, that the City of Spring Hill Board of Mayor and Alderman authorizes the purchase of a Total Station Mapping System with training from Forensic Mapping Solutions, as recommended from staff after reviewing Request for Proposals for a total cost of \$32,969.00.

Passed and adopted by the Board of Mayor and Aldermen of the City of Spring Hill, Tennessee on the 6th day of December, 2021.


Jim Hagaman, Mayor

ATTEST:


April Goad, City Recorder

LEGAL FORM APPROVED:


Patrick Carter, City Attorney

Forensic Mapping Solutions Inc.
 766 Falmouth Road Suite A-8
 Mashpee, MA 02649
 508-444-2188
 www.forensicmappingsolutions.com



QUOTE

ADDRESS

Sgt Tommy Barber
 Spring Hill Police Department
 3636A Royal Park Blvd.
 Spring Hill, TN 37174

SHIP TO

Sgt Tommy Barber
 Spring Hill Police Department
 3636A Royal Park Blvd.
 Spring Hill, TN 37174

QUOTE # 1820

DATE 11/19/2021
EXPIRATION DATE 12/18/2021

QTY	DESCRIPTION	UNIT PRICE	AMOUNT
	MAPPING SOFTWARE		
1	Map360 2021 Bundle - Pro Includes 1 year CCP, valued at \$1,600	7,195.00	7,195.00
0	Map360 Pro - 1 year CCP ANNUAL MAINTENANCE Map360 Pro 1 Year CCP \$1,600	1,600.00	0.00
			Subtotal: 7,195.00
1	Pix4Dmapper Perpetual License Includes 1 year updates and Pix4D provided tech support	4,491.00	4,491.00
0	Pix4Dmapper Support & Upgrade ANNUAL MAINTENANCE 1 year Support & Upgrades purchased PRIOR TO expiry; or 1 year Support & Upgrades purchased AFTER expiry \$749	499.00	0.00
			Subtotal: 4,491.00
	GS07 RTK GNSS PACKAGE		
1	GS07 GNSS Smart Antenna 869374 GS07 SmartAntenna. Geodetic 320 channels GNSS receiver, includes GPS, QZSS, dual-frequency, Network RTK and 5 Hz positions. Easily upgradeable to multi-frequency, Glonass, Galileo and BeiDou. 896293 Leica CS20 GS Sensor QG, multil.1	6,905.00	6,905.00
1	GVP743 GNSS Rover Container 937440 Small-sized hard container for Smart- Antenna, CS10/20/30 field controller and accessories for a rover setup.	145.00	145.00
2	GEB212 772806 Lithium Ion battery, 7.4V/2.6Ah, chargeable.	169.00	338.00
1	GKL311 Charger Pro 799185 Charger Pro 3000 basic charger for one Li-Ion battery for GEB212 including AC/DC adaptor. 733272 AC/DC-Adapter for GKL211, GKL112, US.	195.00	195.00
1	LOP74	820.00	820.00

Thank You For Your Business!

QTY	DESCRIPTION	UNIT PRICE	AMOUNT
	869410 GLONASS option, enables GLONASS tracking on a GS07 receiver.		
1	Viva GNSS GS07 CCP - 1 Year 6006736 Viva GNSS GS07 Basic CCP	75.00	75.00
1	CS20 LTE Disto Field Controller 876480 Ruggedized field controller with 5" WVGA touch display, 4GB eMMC Flash Memory, 2GB SDRAM, SD card slot, 5MP camera and LED flash. Includes internal Bluetooth/WLAN module, 4G GSM/UMTS/LTE module, internal TS communication module, integrated Disto-Lasermeter QWERTY keypad, stylus. 896293 Leica CS20 GS Sensor QG, multil.1	4,995.00	4,995.00
2	GEB333 Battery 905306 Lithium-Ion battery, 11.1V/3500 mAh, chargeable.	195.00	390.00
1	GKL311 Charger Pro 799185 Charger Pro 3000 basic charger for one Li-Ion battery for GEB333 including AC/DC adaptor. 733272 AC/DC-Adapter for GKL211, GKL112, US.	195.00	195.00
1	GHT63 Pole Holder Clamp 767880 Pole holder clamp for CS10-CS30 field controller for use with prism pole.	155.00	155.00
1	GHT66 Holder 807157 Holder for attaching a CS20 with a GHT63 clamp to a pole. GHT63 is not included.	115.00	115.00
1	Captivate Measure & Stakeout CS20 827698 - License key which allows the survey and stakeout apps to be used on a CS20 field controller connected to a total station or GNSS sensor.	900.00	900.00
1	CS20 Basic CCP - 1 Year 6009619 CS20 Data Collector and Software (Captivate) Basic CCP	539.00	539.00
1	SECO 5128-20-GT 2M Snap Lock Rod	339.00	339.00
1	SECO 5217-04-RED Red GPS Bipod for Prism Pole with thumb release lock	169.00	169.00
1	SECO 8151-02-FLY HD System Bag. 55"L Cordura with Rhinotek ends, Zipper Closure, Holds 2M Snap Lock Pole with a Bipod or Tripod attached	72.00	72.00
1	FMS GCP Targets Drone Ground Control Targets numbered 1-10. Includes zippered rhinotek carrying case.	499.00	499.00
0	NOTE Access to a CORS network is required for operation of this system. If no current and/or free access is available to you, FMS offers a discounted, annual subscription to Hexagon SmartNet (rates vary depending on state/region). ANNUAL MAINTENANCE - Viva GNSS GS07 Basic CCP \$75 - CS20 Data Collector & Captivate Software Basic CCP \$539 - SmartNet CORS Subscription, if applicable	0.00	0.00
			Subtotal: 16,846.00
	UAS / AIRCRAFT		
1	Autel EVO II Pro Kit 1 EVO II Pro 6K Aircraft	2,917.00	2,917.00

Thank You For Your Business!

QTY	DESCRIPTION	UNIT PRICE	AMOUNT
	1 EVO II Remote Controller		
	4 EVO II Batteries		
	1 EVO II Hard Rugged Case		
	3 EVO II Propeller Pairs		
	1 Battery Charger		
	1 Power Cable		
	1 RC Charging Cable		
	2 Device Cables (micro USB/Type C)		
	1 Micro-SD Card Holder		
	1 Packing List Quick Guide		
	1 Disclaimer & Safty Instructions		
	1 Battery Safe Use Guide		
	1 Autel EVO II Battery Charging Hub		
	1 LifThor Mjolnir EVO Tablet Holder		
	1 GPC EVO II/LifThor Foam Insert		
1	SanDisk 32GB Memory Card Extreme microSDHC UHS-1	15.00	15.00
1	Coiled & Braided Lightning Cable	20.00	20.00
			Subtotal: 2,952.00
	TRAINING		
1	Custom Training Map360 Online School - 12 Months unlimited, full access to 17 self-paced, online education modules for Map360, up to 10 seats. Covers the fundamentals of Map360. NO CHARGE, valued at \$495/seat	0.00	0.00
3	Custom Training Pix4D Mapper Training -2 Day Virtual Instructor led training for crash and crime scene mapping using aerial photogrammetry - Pix4D Mapper Software. Instructor is an ACTAR accredited reconstructionist and certified Pix4D trainer. This course is approved for ACTAR CEU's - Three (3) seats	495.00	1,485.00
2	Custom Training Two (2) additional seats for the Pix4D Mapper Training (above) offered at NO CHARGE	0.00	0.00
			Subtotal: 1,485.00
	ALL EQUIPMENT, SOFTWARE AND TRAINING IN THIS RFP PROVIDED BY FORENSIC MAPPING SOLUTIONS, INC.		
		SUBTOTAL	32,969.00
		TAX	0.00
		TOTAL	\$32,969.00

Accepted By

Accepted Date