

**RESOLUTION 15-68**

**A RESOLUTION TO AUTHORIZE THE PURCHASE  
OF PUBLIC SAFETY SOFTWARE, HARDWARE AND INTERFACES**

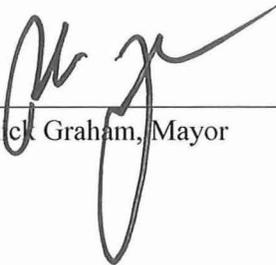
**WHEREAS**, the Spring Hill Police and Emergency Communication Department's, RMS/CAD software and hardware system is in need of replacement; and

**WHEREAS**, the City of Spring Hill advertised a RFP with specifications; and

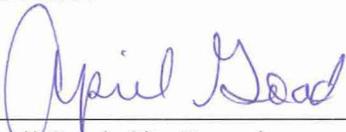
**WHEREAS**, City staff has reviewed prior proposals and has made a recommendation to the Budget Finance Advisory Committee; and

**NOW, THEREFORE BE IT RESOLVED**, that the City of Spring Hill authorizes the purchase of a RMS/CAD system at a total cost of \$643,557.00 (First Year Cost \$413,352.00 plus \$236,205.00 spread over 4 years) to be purchased from Tyler Technologies, as recommended by the Budget and Finance Advisory Committee on August 3, 2015.

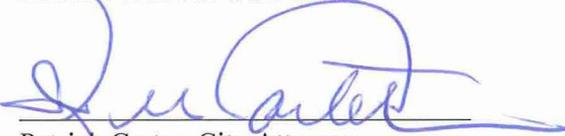
**Passed and adopted by the Board of Mayor and Aldermen of the City of Spring Hill, Tennessee on the 17<sup>th</sup> day of August, 2015.**

  
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Rick Graham, Mayor

ATTEST:

  
\_\_\_\_\_  
April Goad, City Recorder

APPROVED AS TO FORM:

  
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Patrick Carter, City Attorney



**DEPARTMENT: Police and Emergency Communications**

**SUBMITTED BY: Don Brite, Chief of Police**

**DATE: August 3<sup>rd</sup>, 2015**

**RE: Purchase of RMS/CAD software and hardware system**

**ATTACHMENTS: RFP cost/analysis spreadsheet**

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**OVERVIEW:** The Police Department purchased Sleuth RMS/CAD system in 2011. The system is in need of replacement, due to end of maintenance agreement and or other issues with their system.

**BACKGROUND INFORMATION:** The City of Spring Hill purchased Tyler accounting software for citywide usage. It was believed we could purchase Tyler Public Safety (RMS/CAD) software to replace Sleuth system without advertising a RFP, since we already had Tyler software system in use by the city. However, based on MTAS's response, it was decided to advertise a RFP to vendors, based on the price of the system and to make sure we were within our purchasing guidelines.

**FINANCIAL IMPACT:** A RFP was advertised for the RMS/CAD system. Staff has reviewed the bids. Based on the responses, it is recommended that we purchase the RMS/CAD system from Tyler Technologies. Funding was allocated in 2015-2016 fiscal year at a first year cost of \$400,000.00. The first year total cost is \$413,352.00 ( The increase is for interface of CAD PRO QA and Fire PRO software.)

**ALTERNATIVE OPTIONS:** Continue using Sleuth system. The annual cost to continue service for one year is unknown. Sleuth was just recently bought out by Harris Computer Corporation and they are in the process of transferring over to Harris. Purchase Southern RMS/CAD system. (see attachment for cost and analysis)

**STAFF RECOMMENDATION:** Based on review of bids received from RFP, staff recommends purchasing RMS/CAD system from Tyler Technologies based on demos of both systems to include functionality, capabilities, and overall performance without third party vendor interface in CAD RMS software. Also, Tyler Court includes interface with City of Spring Hill's Tyler's accounting/finance software system.

Southern	
Software/Hardware	332,406.24
Omni Court Interface to Tyler Finance	4,000.00
Total Support cost for 4 Yrs.	167,523.30
Total up front cost cost (due upon completion)	503,929.54
Omni Court interface to Finance \$750 per Yr (4 Yrs) paid to Tyler	3,000
Project total cost (including Omni Court interface to Finance)	506,929.54

Support Yr. 1 (included in Project Total Cost)	29,537.50
Support Yr. 2 (included in Project Total Cost)	45,675.60
Support Yr. 3 (included in Project Total Cost)	45,925.60
Support Yr. 4 (included in Project Total Cost)	46,384.60
NOTE: Total support cost included in Project Total	167,523.30

NOTE: Support begins upon completion ends 4 years from completion, with option to renew after contract ends.

Southern total up front cost (due upon completion)	503,929.54
Tyler total up front cost (due upon completion)	413,352
Difference	90,577.54

Southern Pros

Total cost of project  
 911 integration with Phase 2 wireless compliance (not required at the time)  
 Ability to view Columbia PD/Williamson SO RMS data (with their permission)  
 Interface with current Fire Department FirePro software  
 Interface with Dispatch Pro QA software

Southern Cons

Up front cost of project  
 Third party partners/vendor (Omni Court, Brazos eCitation). If one company changes their software it can break the interface, making it difficult to determine where the issue is as well as time consuming for IT staff to get all parties together to fix issue.

Requires an interface to Tyler Financial software for Southern's third party court software (Omni Court) (\$4,000), Tyler will charge additional \$750 per yr. for 4 yrs. For this interface (\$3,000 for 4 yrs.

Case management for investigators not as user friendly or detailed  
 Inability to merge duplicate Dispatch CAD calls  
 Dispatch CAD map is not integrated into the software  
 Inability to customize/modify Police report forms (implied consent, tow form, etc)  
 Application backups are backed up to a removal hard disc (500G/1TB compressed)

32G RAM per server, 4 1TB 7,200 RPM drives per server  
 No virtual software for servers, less configurable  
 Data back ups stored on virtual server (no physical server for data backups)

Crime Analysis is limited and not as detailed, Would require a third party software and interface for detailed crime analysis reports

Tyler	
Software/Hardware	400,352.00
Dispatch Pro QA software interface with Dispatch CAD	7,500.00
Fire Department Fire Pro software interface with Dispatch CAD	5,500.00
Total up front cost (due upon completion)	413,352.00
4 Yrs. Support (split into 4 Yr. payments)	236,205.00
Project total cost (including 4 Yrs. support split into 4 Yr. payments)	649,557.00

Support Yr. 1 (beginning July 1, 2016) (1st payment)	50,269.00
Support Yr. 2 (beginning July 1, 2017) (2nd payment)	59,160.00
Support Yr. 3 (beginning July 1, 2018) (3rd payment)	61,932.00
Support Yr. 4 (beginning July 1, 2019) (4th payment)	64,844.00
Total support cost (split payments over 4 years) (end June 30, 2020)	236,205.00

NOTE: Support begins upon completion, ends June 30, 2020, with option to renew after contract ends.

Tyler total cost (including support split over 4 Yrs.)	649,557.00
Southern total cost (including Omni court interface)	506,929.54
Difference	142,647.46

Tyler Pros

Up front cost  
 Ability to customize/modify report forms (implied consent, tow forms, etc)  
 One vendor for Police, Court & Finance software (no third party partners/vendors)  
 Interface with current Fire Department FirePro software  
 Interface with Dispatch Pro QA software  
 Virtual servers (will allow for ability for future growth without purchase of additional hardware)  
 Ability to merge duplicate Dispatch CAD Calls allowing for easy lookup and statistics  
 Case management for investigator more detailed and user friendly  
 Detailed crime analysis software that will allow the Police Department to determine crime trends, see where specific crimes are occurring and at what time, deploy resources to specific areas at specific times that crimes are occurring. This information can push out to citizens via web.

Modules very user friendly (very useful and time saving for Dispatchers and Officers when enter information for calls and reports.  
 Full RMS on MDT's allows officer to fully complete reports in the field without coming to Police Headquarters.  
 Ipad interface  
 128G RAM per server, 8 1.2TB 10,000 RPM drives per server  
 Physical backup server for data backups, 4 6TB drives (\$8,250 of cost)

Backup tape drive 1.5TB/3TB compressed for application backups)  
 City purchased Tyler accounting/ financial software (No third party interface need for court software)  
 Ashland City have Tyley Public Safety software and recently purchased Tyler Financial.  
 Dispatch CAD map integrated into software which assist when assigning units, plotting calls, etc.  
 Court will be able to generate calls to citizens for upcoming court dates, failure to appear, etc.

Crime Analysis - Several statistical reports in the software will provide the Police Dept. the capability to provide City Administrator and BOMA with detailed information on crimes occurring in the City and other statistics (example crash). Agency has ability to customize these Crime reports. (Veh. Burg. location, etc)

Tyler Cons

Total cost of project  
 Current software not compliant with 911 integration with Phase 2 wireless compliance (not required at this time) (Tyler has a work around, and is in development for future release date TBD)  
 Inability to view Columbia PD/Williamson SO RMS data

		Tyler	CAD / RMS / Court			Southern	CAD / RMS / Court
Purchase		\$400,352.00	SoftWare plus two interfaces			\$499,929.54	
		\$13,000.00	Interface Pro QA \$7,00 & Fire Pro \$5,500			\$4,000.00	One time Interface Cost Omni Court to Tyler Finance (Charged by Southern)
Begin	End			Begin	End	\$3,000.00	(\$750/yr @ 4 yr) Tyler interface charge to Finance Module (Charged by Tyler)
Jul-16	Jun-17 Year 1	\$50,269.00		Mar-16	Feb-17		
Jul-17	Jul-18 Year 2	\$59,160.00		Mar-17	Mar-18		
Jul-18	Jul-19 Year 3	\$61,932.00		Mar-18	Mar-19		
Jul-19	Jun-20 Year 4	\$62,844.00		Mar-19	Feb-20		
		<u>\$647,557.00</u>				<u>\$506,929.54</u>	
		\$647,557.00				\$506,929.54	\$140,627.46