

**RESOLUTION 16-54**

**A RESOLUTION TO AUTHORIZE THE MAYOR AND CITY ATTORNEY  
TO ENTER INTO CONTRACT NEGOTIATIONS FOR COLUMBIA  
POWER AND WATER SYSTEMS TO PROVIDE HIGH SPEED  
INTERNET SERVICES TO CITY FACILITIES**

**WHEREAS**, high speed internet services are required to conduct official city business; and

**WHEREAS**, a recent review and comparison of Internet Service Providers (ISP) in the business level of service by City staff indicates that Columbia Power and Water Systems (CPWS) has the capability and capacity to provide GIG speed data to all city facilities; and

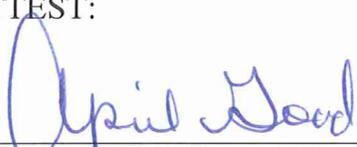
**WHEREAS**, the shift to CPWS as the City's ISP has the potential to save the City over \$90,000 per year.

**NOW, THEREFORE, BE IT RESOLVED**, by the Board of Mayor and Aldermen that the Mayor and City Attorney are to enter contract negotiations with CPWS to provide high speed internet services to city facilities with any final approval and acceptance of a contract for services to be by action of the Board of Mayor and Aldermen in due course.

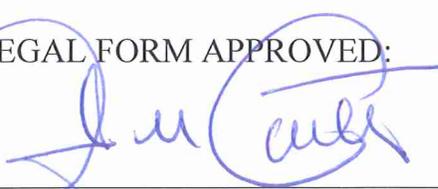
**Passed and adopted by the Board of Mayor and Aldermen of the City of Spring Hill, Tennessee, on the 18<sup>th</sup> day of April, 2016.**

  
\_\_\_\_\_  
Rick Graham, Mayor

ATTEST:

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

LEGAL FORM APPROVED:

  
\_\_\_\_\_  
Patrick Carter, City Attorney

**Internet Service Provider / Phones Review - 3/31/16**

Location	Site Bandwidth	Windstream Monthly Cost	Level 3 Monthly Cost	AT&T Monthly Cost
City Hall MPLS	250MB	\$7,000.00	\$8,868.37	\$4,812.42
City Hall Internet	500MB			
PD Admin	50MB	\$1,894.62	\$1,952.48	\$613.47
Public Works	50MB	\$1,889.72	\$1,889.48	\$765.27
IT Dept	50MB	\$1,804.72	\$1,952.48	\$613.47
Library	50MB	\$1,552.80	\$1,889.48	\$704.55
Water Treatment Plant	10MB	\$1,225.00	\$1,335.00	\$556.94
Parks & Rec	10MB	\$969.95	\$1,335.00	\$526.58
Fire Hall #3	10MB	\$1,171.40	\$1,335.00	\$648.02
Fire Hall #2	10MB	\$1,115.90	\$1,335.00	\$556.94
Fire Hall #1	10MB	\$942.00	\$1,335.00	\$526.58
	<b>Cost per month</b>	<b>\$19,566.11</b>	<b>\$23,227.29</b>	<b>\$10,324.24</b>
	<b>Cost per year</b>	<b>\$234,793.32</b>	<b>\$278,727.48</b>	<b>\$123,890.88</b>
	<b>Cost for 5 years</b>	<b>\$1,173,966.60</b>	<b>\$1,393,637.40</b>	<b>\$619,454.40</b>

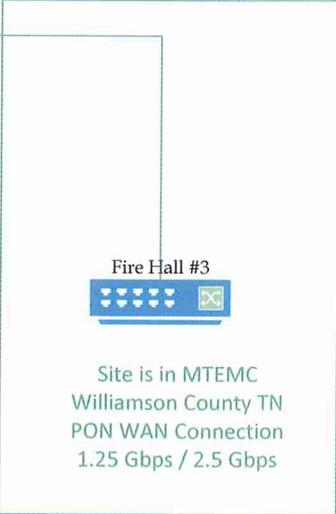
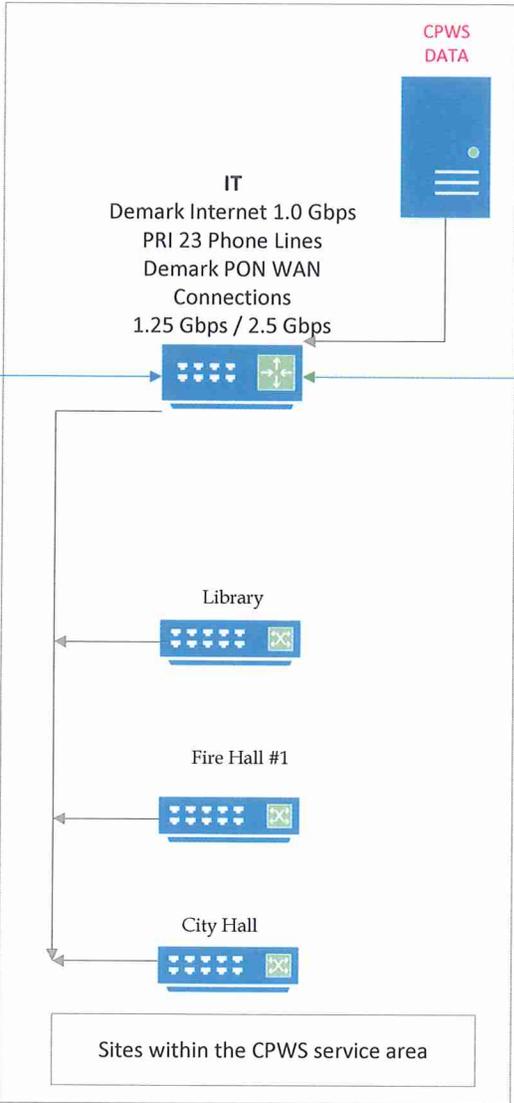
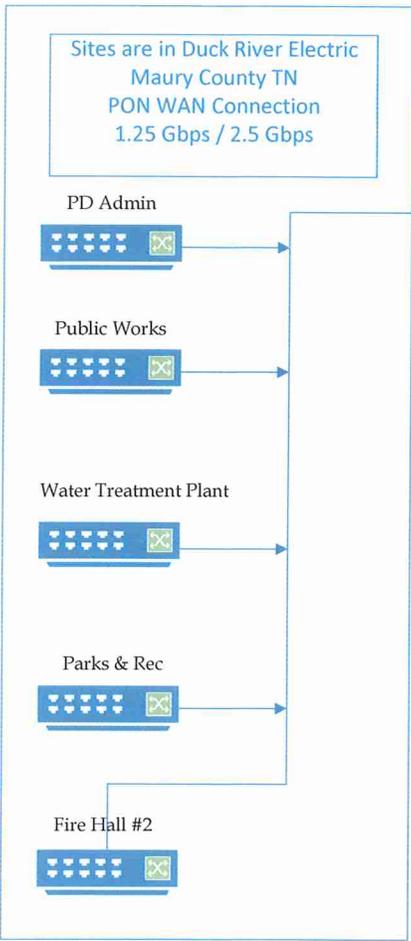
**Yellow indicates proposed internet speeds.**

**With the CPWS EPON option, the city has the potential to save \$7,906.52/month or \$94,878/year shifting from our current provider.**

CPWS Site Bandwidth	CPWS - EPON 1GB Internet Monthly Cost
1GB Combined Internet / Wan	\$6,089.96
1GB	\$544.98
1GB	\$719.93
1GB	\$544.98
1GB	\$649.95
1GB	\$614.96
1GB	\$579.97
1GB	\$719.93
1GB	\$614.96
1GB	\$579.97
<b>Cost per month</b>	<b>\$11,659.59</b>
<b>Cost per year</b>	<b>\$139,915.08</b>
<b>Cost for 5 years</b>	<b>\$699,575.40</b>

**CPWS EPON (Ethernet Passive Optical Network) option. Sets up a fiber network that would allow CPWS to provide internet services at 10GB speeds to commercial, industrial, and innovative applications within their electrical service area.**

City of Spring Hill Tennessee



Sites	Phone Lines
City Hall	23
City Hall	4
Library	5
Fire Hall #1	3
IT Dept	2
Fire Hall #2	4
Parks & Rec	3
Water Treat	4
Public Works	7
PD Admin	2
Fire Hall #3	7