

Chris Reed

From: Donald Bigbie <DonaldBigbie@callmc.com>
Sent: Saturday, December 17, 2022 11:39 AM
To: Chris Reed
Subject: EXTERNAL:RE: Budgetary Quote for Microwave

Chris,

Let me see what we can do to get you a number. Just so that you know we have Bryan County going to Update their microwave equipment next year, Liberty County doing the same you were next on the list We like to keep it all the same, we are using NOKIA with the SARS 8 at each site now as you may be aware That Bulloch, Effingham, Chatham, Bryan and Liberty microwave is all tied together and as all the sites will be Moving to all IP in the next 2 years tis will make things a lot smoother. Also Emanuel County we are looking at Tying them for one of their routes back into the Bulloch Microwave that then ties into Effingham and the Master Site in Savannah also on the Bryan County side the plan is to tie their Pembroke site into the Bulloch this will create A ring that will come in from the North as well as the South through Richmond Hill back to Savannah. Also With the SARS 8 if you do add the Fiber this will make the integration much better.

Don

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From: Chris Reed <creed@EffinghamCounty.org>
Sent: Friday, December 16, 2022 12:10 PM
To: Donald Bigbie <DonaldBigbie@callmc.com>
Subject: [EXTERNAL] Budgetary Quote for Microwave

Don,

I am working on a project for providing better connectivity to our three radio tower sites.

Today we are connected with the point to point microwave from the landfill tower to the North tower and from the landfill tower to the South tower. I know those microwave systems have some age on them and are partially unsupported. At one time these were using T1 connectivity from the radio system to the microwave units but I believe that is all IP based now correct? Will a completely IP based connectivity work between the sites? I know that was the direction Motorola was going.

I know we have the fiber unit and a microwave link to Chatham County but that is not part of what I am working on currently.

We are looking at underground fiber connectivity between the three sites. I have a provider that has given a quote for this, but I really need a budgetary quote to replace the current microwave systems between the three sites. That quote would need to include hardware cost for each pair of systems, tower crew cost for removing the old systems and installing the new ones, along with labor for configuring the systems, etc. basically a turnkey number for all 3 sites. Also if you could estimate the downtime for each site while the systems were being replaced that would help.

I say all that but my biggest problem is I also have to present my information on Monday to get it on the Agenda for January. I can always update the data before the meeting in January, but could use a really rough number before Monday.

Thanks Don,

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