

The Broadband Authority voted at their Dec 6th meeting to request the Board of Supervisors award a contract to Mountain Valley Tower Service for six towers. We received the final pricing for the six towers after the Authority meeting, the Authority's resolution specifically (parentheses information added for clarity) was:

I move that the Broadband Authority recommend the LCBS approve a contract with the vendor as discussed in closed session subject to revisions of the proposal (radio co-locate expenses and provide an option for Twin Oaks tower) and full contract price not to exceed the discussed figures (\$675K).

Mountain Valley's final negotiated pricing proposal was for \$636,020. The six towers are the three CUP approved applications (High School, Moss-Nuckols and Jouett), and three additional (private lot on Cross County Rd, Buckner-Bumpass Park and at Trevilian Elementary). The Authority is still planning on co-locating on the two new radio towers in the west end of the County and would like to locate any ancillary connection equipment in the building to be constructed for the radio system, rather than spend \$32,000 for each tower and add our own ground equipment and fencing.

Mountain Valley – this Contract	\$636,020
Wide Open Networks - current Consulting Contract	\$159,000
Backhaul Radios between towers	\$135,000
Additional tower(s) budget	\$160,000
Contingency 5%	\$54,000
Total Project	\$1,144,521
CIP Broadband Tower Project	\$1,095,077
CIP Carryover from FY2016	\$51,713
Total Budget	\$1,146,790

The backhaul radio's RFP has not been released yet, therefore that line item above is subject to change. Based on the total appropriated funds, additional tower locations may be requested by the Authority in Phase I and may be added to Mountain Valley's contract based on their unit pricing (included in their RFP bid response).

Finalized response from Mountain Valley after negotiations resulted in the following proposed costs.

Jouett Elementary School	\$101,850.00
Louisa County High School	\$96,515.00
Moss-Nuckols Elementary School	\$101,850.00
Cross County Road	\$99,425.00
Bumpass Park	\$98,940.00
Trevilians Elementary School	\$98,940.00
Point-to-Point Wireless System Installation	\$38,500.00
Total	\$630,020.00

Additional towers and work may be added to the scope of work as budget allows. Not all towers described in the scope of work may be constructed. Tower locations described in the scope of work may be changed. If additional services not included in this estimate are required, the following rates apply:

Furnish and Install 180' Lattice Self-Supporting Tower:	\$50,000.00 each
Furnish and Install 180' Guyed Tower:	\$45,000.00 each
Furnish and Install 120' Lattice Self-Supporting Tower:	\$40,000.00 each
Furnish and Install 120' Guyed Tower:	\$37,000.00 each
Furnish and Install 70' Wooden Utility Pole:	\$6,000.00 each
Land Clearing ½ Acre, Majority Tress Under 12" Diameter:	\$6,000.00 per ½ acre
Land Clearing ½ Acre, Majority Tress Over 12" Diameter:	\$10,000.00 per ½ acre
Land Clearing ½ Acre, Majority Brush, Shrubs and Saplings:	\$4,000.00 per ½ acre
Install, Align, & Configure Point-to-Point Antennae Under 24":	\$2,500.00 each
Install, Align, & Configure Point-to-Point Antennae 24" – 48":	\$3,500.00 each
Install, Align, & Configure Point-to-Point Antennae Over 48":	\$5,500.00 each
Level and Prepare Pad for Tower Site:	\$50.00 per cubic yard
Landscaping:	\$325.00 per tree installed
Site Visit:	\$600.00 each
Furnish and Bury 4-Strand Drop Cable:	\$50.00 per foot
Terminate 4-Strand Drop Cable:	\$950.00 each
Utility Service Coordination:	\$1,200.00 per instance
Generator Install:	\$10,100.00 each