



Broadband Implementation Committee

Berryville/Clarke County Government Center, 2nd Floor
101 Chalmers Court, Berryville, Virginia 22611
Main Meeting Room

Wednesday, January 13, 2021 2:00 pm

1. Call to Order
2. Organizational Meeting
 - Select 2021 Chair
 - Set Meeting Dates, Time, and Location:

Date	Time	Location
Wednesday, January 13, 2021	2:00 pm	Main Meeting Room
Wednesday, April 14, 2021	2:00 pm	Main Meeting Room
Wednesday, July 14, 2021	2:00 pm	Main Meeting Room
Wednesday, October 13, 2021	2:00 pm	Main Meeting Room
Wednesday, January 12, 2022	2:00 pm	Main Meeting Room

3. Minutes:
 - October 21, 2020
4. Rappahannock Electric Cooperative Update
5. Shentel Update
6. All Points Broadband Update
7. State and Surrounding Localities Updates
8. Clarke County/Comcast VATI 2019 Project Recap
9. Community Meetings
10. Next Meeting:
 - April 14, 2021, 2:00 pm, main meeting room
11. Adjournment



Broadband Implementation Committee

**Berryville/Clarke County Government Center, 2nd Floor
101 Chalmers Court, Berryville, Virginia 22611**

2021 Regular Meeting Schedule

Wednesday, January 13, 2021 - Organizational

Wednesday, April 14, 2021

Wednesday, July 14, 2021

Wednesday, October 13, 2021

Wednesday, January 12, 2022 – Organizational

Meetings begin at 2:00 pm in the Main Meeting Room

Broadband Implementation Committee
October 21, 2020 Regular Meeting 2:00 pm

At a regular meeting of the Broadband Implementation Committee held on Wednesday, October 21, 2020, at 2:00 pm in the Main Meeting Room, Berryville Clarke County Government Center, 101 Chalmers Court, 2nd Floor, Berryville, Virginia.

Members Present: Bev McKay, Dr. William Houck, Doug Lawrence

Members Absent: Buster Dunning, Doug Kruhm

Staff Present: Chris Boies, Felicia Hart, Brandon Stidham, Brianna Taylor

Others Present: Shentel Representatives, Bryan Byrd and Dan Meenan (via phone)

1. Call to Order

At 2:03 pm, Chair Lawrence called the meeting to order.

2. Approval of Minutes

Dr. William Houck, seconded by Bev McKay, moved to approve the August 19, 2020, minutes as presented. The motion carried by the following vote:

Buster Dunning	-	Absent
William Houck	-	Aye
Doug Kruhm	-	Absent
Doug Lawrence	-	Aye
Beverly McKay	-	Aye

Chair Lawrence stated that at 2:30 pm, Shentel representatives would be calling in with an update.

3. Update from the State on the CARES Act funds

Chris Boies highlights:

- Governor announced last week that there was additional CARES Act funding of \$30 million available for broadband. The issue is that the projects have to be completed by December 25, 2020.
- County Administration immediately sent out an email to all carriers to see if any local providers had a project that could be completed in that timeframe.

- All Points broadband expressed that they may have a potential project but we have not heard back from them.
- AER will meet with us next week to discuss possible options for Clarke County.
- Currently only two (2) vendors have interest, if they submit a plan, County Administration will immediately send the application to see if we can get the CARES Act funding.
- Projects have to be done by December 25, 2020.
- For the two (2) interested in discussion, no specifics on the projects or cost are known at this time.

Bev McKay asked if FOX wireless is on the provider's contact list; Chris Boies confirmed that he would make sure they are on the list.

Chair Lawrence stated that an All Points representative expressed an interest in coming to a future meeting to discuss options and the work that is being done with NOVEC.

Chair Lawrence stated that All Points has many employees so they may be able to get a project done prior to the December 25, 2020, deadline. Chris Boies added that the representative did not seem concerned with the quick deadline.

4. Rappahannock Electric Cooperative Update

Chair Lawrence highlights:

- Rappahannock Electric Cooperative is participating in an FCC auction but they are still in the quiet phase so no news at this time.
- Today there was a Board meeting, and they voted on how they wanted to handle the auction.
- Their Chairman of the Board is very excited about broadband and stated that they are interested in getting fiber to the homes.
- An important date for the auction is November 29, 2020, but there will be a lot of back and forth - hope that the Shentel representatives will be able to explain how the auction works.
- With new personnel at Rappahannock Electric Cooperative, looks like they are more interested in the fiber to the home and looking at the different opportunities.
- Bev McKay expressed that he feels like the past tower search was a waste of time and effort. Chair Lawrence stated that Shentel would be able to use their band-spectrum along with the towers to better the service in the trouble areas.

5. Shentel Update

Chair Lawrence read the following article:

Shentel Wins Big for Rural Communities at CBRS Mid-Band Spectrum Auction

Posted 1 October 2020 12:00 AM by Shentel

EDINBURG, VA (October 1, 2020) – Shenandoah Telecommunications Company (Shentel) (NASDAQ: SHEN), a leading provider of telecommunications and broadband services in Virginia, West Virginia, Pennsylvania, Maryland, Kentucky and Ohio, today announced the Company won a total of 262 Priority Access Licenses (PALs) in 74 counties at the FCC's CBRS mid-band spectrum auction.

Shentel's strategy for the auction was informed by the Company's mission which is to enrich the lives of its customers by bringing the highest quality telecommunications services found anywhere else in the country to the rural areas and smaller communities which it serves. Shentel made an investment of over \$16 million and won an average of 3.54 out of 7 of the PALs in 74 counties across Virginia, West Virginia, Maryland and Pennsylvania.

"We are very proud to win 262 licenses in the CBRS auction," said Dave Heimbach, EVP & COO of Shentel. "Broadband access has become increasingly critical amidst the COVID-19 pandemic, and Shentel specializes in providing advanced telecommunications services to rural and underserved markets where the lack of broadband is particularly acute. This investment in mid-band spectrum, which is particularly well-suited to fixed wireless broadband deployments in rural areas, will ensure we are able to continue bringing critical broadband access to the communities we serve."

In addition to the CBRS spectrum acquisition, Shentel is also launching a new high-speed Internet service this month using fixed wireless broadband technology on 2.5GHz mid-band spectrum in portions of Virginia, West Virginia and Ohio. "Beam Internet" by Shentel was created to reach homes beyond the edge of its fiber to the home and cable broadband networks. Beam will leverage a 5G-ready fixed wireless network that will also take advantage of the newly acquired CBRS mid-band spectrum. The new service will enable rural homeowners to connect to the Beam wireless network via a small outdoor modem mounted on or near the roof of their homes. There will initially be three speed offerings available:

- 25Mbps Download/3Mbps Upload
- 50Mbps Download/5Mbps Upload
- 100Mbps Download/10Mbps Upload

Prices will start at \$60 per month for high-speed Internet with available home phone service including unlimited long distance for an additional \$20 per month. The service will include an outdoor mounted receiver and up to 2 in-home Wi-Fi extenders.

For more information about Shentel, please visit www.shentel.com or call 1-800-SHENTEL (1-800-743-6835). To learn more about Beam Internet by Shentel, please visit www.iwantbeam.com.

About Shenandoah Telecommunications

Shenandoah Telecommunications Company (Shentel) provides a broad range of diversified communications services through its high speed, state-of-the-art wireless, cable and fiber optic networks to customers in the Mid-Atlantic United States. The Company's services include: wireless voice and data; broadband internet, video, and digital voice; fiber optic Ethernet, wavelength and leasing; telephone voice and digital subscriber line; and tower colocation leasing. Shentel is the exclusive personal communications service ("PCS") Affiliate of Sprint in a multi-state area covering large portions of central and western Virginia, south-central Pennsylvania, West Virginia, and portions of Maryland, Kentucky, and Ohio. For more information, please visit www.shentel.com.

Chair Lawrence stated that Shentel is the parent company of GLO Fiber, and it is twice as fast as Comcast. Chris Boies expressed that GLO Fiber is not badly priced. Chair Lawrence wondered what the cost would be to run the fiber to the homes adding that he thought \$3,500 per resident was the maximum they could do.

Chris Boies stated that Shentel has been very proactive in Shenandoah County, and it may be because their headquarters are there.

Shentel representatives Bryan Byrd and Dan Meenan called into the meeting.

Dan Meenan highlights include:

- Shentel is the local telephone company in Edinburg for the past 115 plus years.
- Spent the last 15 years building out a mobility network for Sprint.
- Sprint became T-Mobile, which inherited a contract with Sprint and decided to exercise the option to purchase Shentel's mobility wireless network; that process is ongoing, not completed at this time.
- Shentel recently launched a new fixed wireless service, meaning an antenna on the home and broadband is being provided similar to DSL, cable modem, fiber to the home; except the last mile is provided via licensed wireless frequencies.
- Shentel purchased a 2.5GHz broadband spectrum around a year ago and recently acquired an additional CBRS spectrum at 3.5GHz.
- At this time no plans have been announced for the new spectrum - we believe it is ideally suited to also support fixed wireless.
- Shentel's fixed wireless business model is to not compete with the incumbent cable company or the incumbent to the home company. Shentel's goal is to bring advanced telecommunications to people who are underserved in rural America.
- With the 2.5GHz pursuing to attach antennas to large cell phone towers, broadcasting that out, and then to send direct mail pieces to customers who are likely underserved.

- Hope to provide 25 to 50 megabit speeds per second broadband depending on how well the home is sighted to the cell tower.

Bev McKay asked how dependent is the line-of-sight. Dan Meenan stated that the line-of-sight does not need to be perfect from the home to the cell site; it is based on the 3Gppdlte standard and has outstanding radio access equipment that leverages the latest technologies. Adding that it can overcome a little tree blockage, it will not go through a forest but it does have more tolerance than the older microwave waves. Expressed that physical terrain is hard to overcome, trees are more tolerant of overcoming, but the difference for Shentel is that we have an exclusively licensed spectrum, so we are not reusing the licensed spectrum. Adding that the frequency that Shentel has is generally much lower than others use, and the lower the spectrum, the more robust and tolerant it is for things like trees.

Bev McKay asked when it would be in Clarke County. Dan Meenan expressed that this is a tough question, explained that the good news with Clarke County is that it is local and Shentel not only bought the CBRS spectrum for Clarke County but Shentel bought the most amount of spectrum that could be purchased. Bought as much as possible with the FCC guidelines. Some jurisdictions Shentel could not buy any or only buy a smaller amount but with Clarke County Shentel was able to buy as much as was available. Suspect that there is a sizable amount of potentially underserved customers.

Brandon Stidham stated that generally speaking the wired broadband is going to be in the incorporated towns, and recently received data from the schools from a broadband needs survey, and it is pretty much extensive. Adding that some people have been able to get some individual success with WISPs and have some isolated areas where Comcast has hooked up some neighborhoods off the primary highway, but throughout the entire County the most problematic and challenging areas are along the mountain and down towards the river where it is too low to get a signal.

Dan Meenan stated that Shentel has many more jurisdictions than we have time, focus, and money to build right away. With just launching the service in two counties know that it takes a lot of time just to get there. He then asked what existing towers are in Clarke County, suggested that we get that data to them so they can see what they have to work with since in the business model there is not enough money to build new towers.

Bev McKay stated that Clarke already has a list of all of the towers throughout the County. Brandon Stidham further explained that a full broadband study was completed four years ago that contains the inventory of all of the current towers and locations are plotted for preferred new tower locations. Adding that, that information can be sent over for Shentel to review.

Dan Meenan explained that fixed wireless is a way to make the last miles more cost-effective, but with the many priorities right now due to the pandemic if Clarke can look internal at the Zoning Ordinances that relate to new wireless towers it will be beneficial because with the new business finding out that taller towers are not always better, but it may make more sense to build smaller towers. If the zoning ordinance is written to allow more openness with the towers than it is easier - because all of the zoning steps can take years.

Brandon Stidham stated that the Zoning Ordinance was recently changed to allow for structures up to 100 feet free-standing or up to 80 feet if it is attached. Primarily intended to be a small footprint structure to go at the residential end-users home site but could also be used as a repeater or mesher within a neighborhood or nearby properties. The structure that the ordinance covers are similar to what AM radios use, so not the big cell tower size structures. Clarke has had a few WISPs that came in and built structures in the County with the hope that more people will sign up and pop up off of that tower.

Bryan Byrd expressed that a limiting factor is the treeline. The tower needs to be able to get a pole that pokes out up above the treeline. There is another project that Shentel was looking at with the fixed wireless and the treeline was what shut it down because a right-of-way could not be cleared to get towers above the treeline. If it is feasible to do, then it will be more of a priority project. Depending on treeline, a tall telephone pole that is between 50 and 100 feet may be suitable depending on the specific treeline, so it is not a large footprint structure.

Dan Meenan explained that anything 80 to 100 feet above the tree canopy is the most suitable, adding that it is not a telephone pole, but it looks similar to one because it is a steel monopole with antennas generally flush mounted to it. Shentel prefers the steel monopole as opposed to the wood for transportation because a monopole can be broken-down and assembled on site.

Chair Lawrence asked and Dan Meenan confirmed that POPS is the population count.

Chair Lawrence asked with the 13¢/MHz per population is what Shentel paid for the bandwidth. Dan Meenan explained that Shentel paid \$16 million, the price per MHz per POP is the overall price divided by the amount of MHz that were available and purchased and then divided by the total population. All based on how much spectrum and the population. It was a sizable investment for a company of Shentel's size but the most important thing is that Shentel bought as much spectrum in Clarke County that was allowed to be purchased.

Chair Lawrence questions if Shentel has been in contact with Rappahannock Electric Cooperative to have potential projects in the future. Dan Meenan explained that on the wireless side, we do not speak with Rappahannock a lot but am sure that the

wireline side does have meetings to discuss potential projects. Bryan Byrd expressed that Shentel is looking more into a potential partnership with electric cooperatives and internet providers. There are definitely discussions, but no projects are set at this time, but conversations are happening.

Dr. William Houck stated that all understand that there are many unknowns and variables with potential of coming into Clarke County but what is an optimistic timeframe. Dan Meenan noted that he would love to have a definite answer but since Shentel has bought the CBRS spectrum there have been ten engineers working hard to do analysis on all of the Counties. Until that analysis is done and all of the pros and cons of the jurisdictions are examined there is no known timeframe. Adding that he thinks Clarke is in a great position because it is local, sounds like you have an open for business zoning policy, have a desire, and we purchased the maximum amount of spectrum.

Dan Meenan explained that with as many underserved residents as Clarke seems to have, there is a pending FCC auction that is currently in a quiet phase but in Clarke County there seems to be no RDOF locations. Bryan Byrd explained that Rural Digital Opportunities Fund, RDOF location is based on the 477 data, given that there is a patchwork of different providers in Clarke County, his guess is that a majority of areas were claimed as served but they really are not served and that is why they are not showing up as RDOF eligible areas. Further explained that 477 is what FCC reports as internet service providers provided service area by census block, when a portion of the census block is served than the whole block is reported as served, so just because a handful of homes have service it will be reported that the entire area is served. FCC made the decision when RDOF Rural Digital Opportunities Fund, with the auction they decided to push forward with the reports they had and did not have time to go back and correct the data before so they went ahead with the auction. Adding that many areas that actually are not served are not captured in this auction. The upside for Virginia is that there is an increasing amount of money available through the Virginia Telecommunications Initiative (VATI). With that grant process Shentel has had success with the provider to go in and demonstrate that the entire area is not provided service - adding that Shentel could continue to discuss with Clarke County to plan for the future.

Chris Boies expressed that Clarke County has reached out to Shentel for the VATI grant and also with the CARES Act funding to be used between now and the end of the year and the response is that Shentel wants to move into Clarke County but are not ready to move on any projects yet. Knowing that you acquired this spectrum, is there any possibility of getting any projects done with the CARES Act funding by the end of the year, added that Clarke County has locations of tower sites and have a fairly user-friendly ordinance, some of that infrastructure cost could be taken care of by some of the federal funds. Is there a possibility Shentel could move on something quickly by the end of the year. Bryan Byrd stated that on the wireline side coming to the end of the year, Shentel is already overbudget and COVID-19 has thrown in some

significant material shortages so it is hard to finish a project. In terms of the CARES Act funding have been hoping that the decision makers would recognize that an end of year deadline is absolutely insane and there is no way to start a new project and get it completed in that short amount of time. The deadline is less than ideal because there is much work to be done but it does not give enough time to finish anything.

Chris Boies stated that Shentel and Clarke County should start working on the VATI application now to get ahead for next year and work together on that. Dan Meenan stated that with the CBRS spectrum there should definitely be an opportunity with VATI.

6. Clarke County Broadband Accomplishments through October 2020

- December 2016 -- Board of Supervisors accepted the “Telecommunications Infrastructure and Broadband Study 2020” prepared by the Atlantic Group to be used as a guidance document to improve broadband and telecommunications coverage for residents and businesses.
- February 2017 – The Board of Supervisors formed the Broadband Implementation Committee consisting of two Board members and two Planning Commissioners. The purpose of the committee is to develop projects and recommendations to help expand broadband internet availability. The committee began meeting in May 2017.
- June 2017 -- Zoning regulations for communication towers (“wireless communication facilities”) were updated and modernized to help encourage expansion of telecommunications infrastructure.
- June 2017 – The County issued a Request for Information (RFI) to telecommunications providers and infrastructure developers to gauge the industry’s level of interest in expanding broadband and telecommunications as well as ways that the county can assist with this effort.
- September 2017 – The County launched www.clarkeconnect.org – a website dedicated to provide information on broadband initiatives and provider options.
- June 2018 – The Broadband Implementation Committee convened a roundtable meeting with broadband industry representatives to explore ways that the County could assist the private sector to expand broadband availability and potentially remove regulatory barriers.
- February 2019 – New zoning regulations were adopted to allow antenna support structures up to 100-feet tall to facilitate residents’ access to wireless broadband services.
- March 2019 – The County, in partnership with Comcast, was awarded a Virginia Telecommunication Initiative (VATI) grant to extend wired broadband internet to the village of White Post.
- May 2019 – The Broadband Implementation Committee met with representatives from Rappahannock Electric Cooperative (REC) to discuss their future plans to

provide broadband internet service in Clarke as the Central Virginia Electric Cooperative (CVEC) is doing in central Virginia through their spinoff company, Firefly Broadband.

- July 2020 – The Board of Supervisors added a citizen member to the Broadband Implementation Committee.
- August 2020 – County Staff developed a map using survey data from Clarke County Public Schools to identify areas of the County that lack broadband access.

Bev McKay expressed that he would like to get this out to the public.

Chair Lawrence stated that it would be included in the Legislative Priorities List, adding that he hopes to add to this list in the near future.

7. New Business

Chair Lawrence asked Dr. William Houck to research if the new electronics and 5G would impact health. Dr. William Houck stated that he would research and bring his findings back to the committee.

Brandon Stidham stated that the health risks of electromagnetic waves cannot be considered when evaluating a communications tower. Further on a federal level, no radio waves can be considered when assessing a communications tower.

8. Next Meeting staff recommends: January 13, 2021, 2 pm, Main Meeting room

By consensus, the committee set the next meeting for Wednesday, January 13, 2021, 2:00 pm, in the Main Meeting room.

9. Adjournment

Bev McKay, seconded by Dr. William Houck, moved to adjourn the meeting. The motion carried by the following vote:

Buster Dunning	-	Absent
William Houck	-	Aye
Doug Kruhm	-	Absent
Doug Lawrence	-	Aye
Beverly McKay	-	Aye

At 3:03 pm, Chair Lawrence adjourned the meeting.

Minutes Recorded and Transcribed by Brianna R. Taylor

Commonwealth Connect Coalition Members,
2020 was a tough year for everyone, especially the unconnected. Yet the broadband community met these historic challenges with historic action and investment. As we turn the page on the calendar (thankfully), I wanted to briefly reflect on some of the key achievements in broadband from 2020.

Pandemic Response

- [\\$30 million in CARES Act](#) broadband funding awarded to 71 projects connecting 30,822 locations
- [\\$18.9 million in CARES Act](#) funding awarded to school divisions for remote learning and improved connectivity
- [Interactive statewide map](#) of more than 1,200 public Wifi Hotspots

Virginia Telecommunication Initiative (VATI)

- [FY20 VATI Awards](#) - \$18.3 million awarded to 12 projects connecting over 36,000 locations.
- [FY21 VATI budget](#) was increased during the special General Assembly session from \$35 million to \$50 million. FY21 awards will be announced soon.
- [Governor Northam's introduced budget](#) included \$50 million for the FY22 VATI round.

New Policies to Facilitate Deployment

- Governor Northam signed [HB 831](#) into law, streamlining the process by which broadband providers can deploy broadband under apportionable electric easements.
- Governor Northam also signed [HB 1675](#) into law, allowing localities to use revenue from solar developments for broadband deployment.

Media Highlights

- [Fast-Tracking internet access - Virginia leads the way](#)
- [Virginia is committed to investing in long overdue broadband infrastructure](#)
- [There's the urgency we've been looking for on broadband](#)
- [Moving forward together: Supporting state and local broadband leadership](#)

We have a lot of exciting things on tap for 2021, first of which is \$50 million in VATI awards to be announced soon. Looking forward to our continued work with local leaders, broadband providers, and coalition members to make universal broadband in the Commonwealth a reality.



FCC Rural Digital Opportunity Fund Phase I Auction

Auction ID: 904

State Results Summary

(Sorted by State)

Date of Report: 12/07/2020 08:17 AM ET

State	Total Assigned Support over 10 Years	Number of Locations Assigned	Winning Bidders
Alabama	\$ 330,804,827.50	196,460	13
Arizona	\$ 195,847,668.40	129,445	7
Arkansas	\$ 424,243,217.60	200,612	15
California	\$ 695,158,129.10	364,878	15
Colorado	\$ 249,833,709.60	76,216	8
Connecticut	\$ 4,210,411.00	2,899	2
Delaware	\$ 13,302,048.00	7,757	2
District of Columbia	\$ 0.00	0	0
Florida	\$ 191,753,609.90	141,625	11
Georgia	\$ 326,454,112.20	179,455	15
Hawaii	\$ 24,740,782.00	8,081	2
Idaho	\$ 112,489,827.90	40,706	8
Illinois	\$ 378,310,110.70	159,967	19
Indiana	\$ 169,379,964.50	152,983	11
Iowa	\$ 143,892,544.40	53,819	11
Kansas	\$ 62,107,482.70	46,827	12
Kentucky	\$ 148,978,767.20	98,909	11
Louisiana	\$ 342,207,315.20	175,692	13
Maine	\$ 71,175,908.30	27,755	4



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State Results Summary

(Sorted by State)

Date of Report: 12/07/2020 08:17 AM ET

State	Total Assigned Support over 10 Years	Number of Locations Assigned	Winning Bidders
Maryland	\$ 48,023,869.10	37,761	5
Massachusetts	\$ 32,631,916.40	25,480	2
Michigan	\$ 362,985,055.60	249,263	13
Minnesota	\$ 408,150,745.60	142,841	22
Mississippi	\$ 495,725,799.60	218,990	12
Missouri	\$ 346,297,660.20	199,211	17
Montana	\$ 125,815,439.70	45,984	6
Nebraska	\$ 60,377,536.80	43,435	10
Nevada	\$ 63,536,610.90	30,584	5
New Hampshire	\$ 25,257,660.70	17,740	4
New Jersey	\$ 10,739,474.00	8,686	1
New Mexico	\$ 165,209,718.60	64,170	18
New York	\$ 99,891,715.70	46,647	10
North Carolina	\$ 166,580,441.70	155,137	9
North Dakota	\$ 20,824,521.40	2,780	8
Northern Mariana Islands	\$ 3,706,235.00	530	1
Ohio	\$ 170,038,205.10	191,093	11
Oklahoma	\$ 154,556,450.80	126,153	13
Oregon	\$ 212,027,091.20	81,634	10



FCC Rural Digital Opportunity Fund Phase I Auction

Auction ID: 904

State Results Summary

(Sorted by State)

Date of Report: 12/07/2020 08:17 AM ET

State	Total Assigned Support over 10 Years	Number of Locations Assigned	Winning Bidders
Pennsylvania	\$ 368,743,200.30	184,505	13
Rhode Island	\$ 1,273,784.00	3,678	1
South Carolina	\$ 121,245,987.00	108,833	9
South Dakota	\$ 52,285,517.00	10,051	6
Tennessee	\$ 148,625,826.20	155,220	11
Texas	\$ 362,662,934.10	310,962	22
Utah	\$ 31,384,525.70	10,373	3
Vermont	\$ 32,533,635.30	19,330	4
Virginia	\$ 238,644,933.90	186,475	16
Washington	\$ 222,768,532.70	100,422	9
West Virginia	\$ 362,066,660.20	119,267	9
Wisconsin	\$ 373,715,051.20	240,546	14
Wyoming	\$ 57,471,543.00	18,966	11
TOTAL	\$ 9,230,688,714.90	5,220,833	



FCC Rural Digital Opportunity Fund Phase I Auction

Auction ID: 904

Winning Bidder Summary

(Sorted by Bidder Name)

Date of Report: 12/07/2020 08:17 AM ET

Bidder	FRN	State	Assigned Support over 10 Years	Number of Locations Assigned
4-Corners Consortium	0029719283	New Mexico	\$ 2,598,030.00	635
AB Indiana LLC	0021994686	Florida	\$ 668,304.10	261
ACT	0029754652	Mississippi	\$ 1,622,136.00	925
Albion Telephone Company, Inc.	0003714805	Utah	\$ 599,795.70	141
All West Communications, Inc.	0004924809	Wyoming	\$ 46,648.00	218
Allen's T.V. Cable Service, Inc.	0003746898	Louisiana	\$ 371,348.10	620
Altice USA, Inc.	0025637406	Arkansas	\$ 58,415.00	528
Altice USA, Inc.	0025637406	Idaho	\$ 10,556.00	140
Altice USA, Inc.	0025637406	Kentucky	\$ 351,065.00	1,734
Altice USA, Inc.	0025637406	Louisiana	\$ 303,952.00	2,267
Altice USA, Inc.	0025637406	Texas	\$ 364.00	15
Altice USA, Inc.	0025637406	West Virginia	\$ 125,528.00	536
American Heartland	0002594190	Iowa	\$ 1,821,520.00	1,549
AMG Technology Investment Group LLC	0021701891	Illinois	\$ 193,098,839.90	68,921
AMG Technology Investment Group LLC	0021701891	Indiana	\$ 18,947,203.50	11,803
AMG Technology Investment Group LLC	0021701891	Iowa	\$ 112,637,885.70	36,228



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Auction ID: 904

Winning Bidder Summary

(Sorted by Bidder Name)

Date of Report: 12/07/2020 08:17 AM ET

Bidder	FRN	State	Assigned Support over 10 Years	Number of Locations Assigned
AMG Technology Investment Group LLC	0021701891	Kansas	\$ 25,546,674.50	26,466
AMG Technology Investment Group LLC	0021701891	Louisiana	\$ 6,901,822.70	1,916
AMG Technology Investment Group LLC	0021701891	Minnesota	\$ 3,736,316.00	1,408
AMG Technology Investment Group LLC	0021701891	Nebraska	\$ 25,350,146.70	13,919
AMG Technology Investment Group LLC	0021701891	New Mexico	\$ 75,554.00	265
AMG Technology Investment Group LLC	0021701891	Oklahoma	\$ 2,400,610.00	4,858
AMG Technology Investment Group LLC	0021701891	Texas	\$ 24,510,588.90	38,003
AMG Technology Investment Group LLC	0021701891	Wisconsin	\$ 1,084,045.00	346
AMG Technology Investment Group LLC	0021701891	Wyoming	\$ 14,938,386.00	2,003
Aptitude Internet LLC	0021134119	Missouri	\$ 24,655,295.20	13,535
Armstrong Telephone Company - Northern Division	0004311528	New York	\$ 21,570,556.90	9,719
Armstrong Telephone Company - Northern Division	0004311528	Ohio	\$ 94,185.50	240



FCC Rural Digital Opportunity Fund Phase I Auction

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Winning Bidder Summary

(Sorted by Bidder Name)

Date of Report: 12/07/2020 08:17 AM ET

Bidder	FRN	State	Assigned Support over 10 Years	Number of Locations Assigned
Armstrong Telephone Company - Northern Division	0004311528	Pennsylvania	\$ 344,898.10	536
Arrowhead Electric Cooperative, Inc.	0007083470	Minnesota	\$ 18,462,273.10	4,879
Atlantic Broadband Finance, LLC	0015336449	Virginia	\$ 5,407,684.70	3,876
Baldwin Telecom, Inc.	0002723534	Wisconsin	\$ 11,370.00	15
Bandera Electric Cooperative, Inc.	0026644666	Texas	\$ 1,689,601.50	534
Baraga Telephone Company	0024157745	Michigan	\$ 444,490.80	164
Barry Technology Services, LLC	0024047409	Missouri	\$ 14,502.00	26
Bay Springs Telephone Company, Inc.	0003723640	Alabama	\$ 320,837.50	206
Bay Springs Telephone Company, Inc.	0003723640	Mississippi	\$ 41,265,320.50	21,061
Bay Springs Telephone Company, Inc.	0003723640	Tennessee	\$ 285,692.10	744
BEK Communications Cooperative	0002477636	North Dakota	\$ 2,157,719.00	337
Blackfoot Telephone Cooperative, Inc.	0001646165	Montana	\$ 12,703,077.60	2,687
Bloosurf, LLC	0019496462	Delaware	\$ 1,080.00	8
Bloosurf, LLC	0019496462	Maryland	\$ 780.50	9
Bruce Telephone Company, Inc.	0003773520	Wisconsin	\$ 113,745.00	32
Cal.net, Inc.	0020855656	California	\$ 29,169,982.60	44,153
California Internet, L.P. dba GeoLinks	0023707953	Arizona	\$ 79,169,580.00	32,474
California Internet, L.P. dba GeoLinks	0023707953	California	\$ 149,035,762.70	92,678



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Bidder	FRN	State	Assigned Support over 10 Years	Number of Locations Assigned
California Internet, L.P. dba GeoLinks	0023707953	Nevada	\$ 6,684,323.00	3,145
Carolina West Wireless, Inc.	0001940022	North Carolina	\$ 460.00	28
CCO Holdings, LLC	0014939466	Alabama	\$ 51,287,535.00	56,451
CCO Holdings, LLC	0014939466	California	\$ 231,834.70	1,045
CCO Holdings, LLC	0014939466	Florida	\$ 22,577,363.90	17,869
CCO Holdings, LLC	0014939466	Georgia	\$ 29,965,114.40	23,854
CCO Holdings, LLC	0014939466	Illinois	\$ 1,029,666.00	501
CCO Holdings, LLC	0014939466	Indiana	\$ 59,927,209.10	54,541
CCO Holdings, LLC	0014939466	Kentucky	\$ 58,088,334.90	31,747
CCO Holdings, LLC	0014939466	Louisiana	\$ 29,508,812.00	25,389
CCO Holdings, LLC	0014939466	Massachusetts	\$ 21,639,762.70	14,344
CCO Holdings, LLC	0014939466	Michigan	\$ 21,663,643.40	35,944
CCO Holdings, LLC	0014939466	Missouri	\$ 48,392,327.90	61,524
CCO Holdings, LLC	0014939466	New Hampshire	\$ 2,140,554.00	1,044
CCO Holdings, LLC	0014939466	New Mexico	\$ 11,217.90	485
CCO Holdings, LLC	0014939466	North Carolina	\$ 142,076,655.00	128,509
CCO Holdings, LLC	0014939466	Ohio	\$ 106,576,629.80	112,777
CCO Holdings, LLC	0014939466	Oregon	\$ 33,534,210.20	15,139



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Bidder	FRN	State	Assigned Support over 10 Years	Number of Locations Assigned
CCO Holdings, LLC	0014939466	Pennsylvania	\$ 3,479,199.00	5,328
CCO Holdings, LLC	0014939466	South Carolina	\$ 112,443,940.10	98,670
CCO Holdings, LLC	0014939466	Tennessee	\$ 92,855,626.70	79,193
CCO Holdings, LLC	0014939466	Texas	\$ 186,793,359.90	133,993
CCO Holdings, LLC	0014939466	Vermont	\$ 29,725.20	85
CCO Holdings, LLC	0014939466	Virginia	\$ 18,317,211.00	11,369
CCO Holdings, LLC	0014939466	Washington	\$ 11,643,447.20	4,625
CCO Holdings, LLC	0014939466	Wisconsin	\$ 168,400,490.10	143,269
Cellular Services LLC.	0007737950	Kentucky	\$ 3,294,968.60	2,142
Central Arkansas Telephone Cooperative, Inc.	0004268918	Arkansas	\$ 1,629,930.50	1,004
Centre WISP Venture Company, LLC	0025132648	Pennsylvania	\$ 11,086,348.40	6,607
CenturyLink, Inc.	0018626853	Alabama	\$ 18,597,092.50	5,965
CenturyLink, Inc.	0018626853	Arkansas	\$ 9,378,743.10	2,958
CenturyLink, Inc.	0018626853	Colorado	\$ 7,482,178.00	1,509
CenturyLink, Inc.	0018626853	Florida	\$ 5,039,442.60	1,495
CenturyLink, Inc.	0018626853	Idaho	\$ 11,650,567.20	2,576
CenturyLink, Inc.	0018626853	Louisiana	\$ 18,742,492.20	7,616
CenturyLink, Inc.	0018626853	Michigan	\$ 9,905,380.00	2,556



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Bidder	FRN	State	Assigned Support over 10 Years	Number of Locations Assigned
CenturyLink, Inc.	0018626853	Minnesota	\$ 15,646,093.10	3,265
CenturyLink, Inc.	0018626853	Missouri	\$ 275,208.00	38
CenturyLink, Inc.	0018626853	Montana	\$ 28,379,920.90	9,658
CenturyLink, Inc.	0018626853	Nebraska	\$ 326,802.00	69
CenturyLink, Inc.	0018626853	New Mexico	\$ 2,038,002.00	770
CenturyLink, Inc.	0018626853	North Carolina	\$ 530,376.00	169
CenturyLink, Inc.	0018626853	Oregon	\$ 41,423,187.80	8,982
CenturyLink, Inc.	0018626853	Pennsylvania	\$ 21,483,885.10	5,614
CenturyLink, Inc.	0018626853	South Dakota	\$ 121,060.00	10
CenturyLink, Inc.	0018626853	Virginia	\$ 12,518,109.10	6,832
CenturyLink, Inc.	0018626853	Washington	\$ 45,838,633.80	14,875
CenturyLink, Inc.	0018626853	Wisconsin	\$ 3,135,119.80	832
CenturyLink, Inc.	0018626853	Wyoming	\$ 9,855,321.00	1,468
Chariton Valley Communications Corporation	0008437147	Missouri	\$ 8,070,272.00	5,002
Cherry Capital Connection, LLC	0017117037	Michigan	\$ 5,620,840.40	2,791
Cincinnati Bell Inc.	0003018033	Hawaii	\$ 24,313,582.00	8,049
Cincinnati Bell Inc.	0003018033	Indiana	\$ 56,802.00	68
Cincinnati Bell Inc.	0003018033	Kentucky	\$ 2,091,668.00	2,479



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Bidder	FRN	State	Assigned Support over 10 Years	Number of Locations Assigned
Cincinnati Bell Inc.	0003018033	Ohio	\$ 425,528.40	535
Citizens Vermont Acquisition Corporation	0029752581	New York	\$ 373,680.00	316
City of Farmington	0001609163	New Mexico	\$ 3,179,884.50	1,106
Citynet West Virginia, LLC	0009725672	West Virginia	\$ 53,516,858.30	13,460
Co-op Connections Consortium	0029743770	Illinois	\$ 1,120,026.00	507
Co-op Connections Consortium	0029743770	Indiana	\$ 723,260.00	788
Co-op Connections Consortium	0029743770	Kentucky	\$ 3,290,415.80	1,478
Co-op Connections Consortium	0029743770	North Carolina	\$ 720,792.00	263
Co-op Connections Consortium	0029743770	Oklahoma	\$ 4,446,839.00	4,677
Co-op Connections Consortium	0029743770	Pennsylvania	\$ 42,622,762.00	12,440
Co-op Connections Consortium	0029743770	Tennessee	\$ 2,519,752.70	4,794
Co-op Connections Consortium	0029743770	Virginia	\$ 6,041,742.00	1,962
Coleman County Telephone Cooperative, Inc.	0001678044	Texas	\$ 3,142.80	11
Comcell Inc.	0001649078	Texas	\$ 4,644.00	8
Commnet Wireless, LLC	0007116403	California	\$ 335,484.60	565
Commnet Wireless, LLC	0007116403	Colorado	\$ 3,368,990.50	785
Commnet Wireless, LLC	0007116403	Idaho	\$ 2,594,984.30	1,400



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Bidder	FRN	State	Assigned Support over 10 Years	Number of Locations Assigned
Commnet Wireless, LLC	0007116403	Louisiana	\$ 131,651.00	243
Commnet Wireless, LLC	0007116403	Mississippi	\$ 1,019,088.00	1,343
Commnet Wireless, LLC	0007116403	Montana	\$ 5,964,913.70	2,078
Commnet Wireless, LLC	0007116403	New Mexico	\$ 424,184.00	236
Commnet Wireless, LLC	0007116403	Pennsylvania	\$ 6,624,682.30	6,533
Commnet Wireless, LLC	0007116403	Washington	\$ 7,776,005.70	5,639
Commnet Wireless, LLC	0007116403	West Virginia	\$ 196,952.00	206
Computer 5, Inc. d/b/a LocalTel Communications	0014511364	Washington	\$ 48,818,171.30	12,530
Computer Techniques, Inc. dba CTI Fiber	0017141102	Illinois	\$ 8,509.00	12
Connect Everyone LLC	0029746260	Alabama	\$ 28,734,657.00	8,155
Connect Everyone LLC	0029746260	Arizona	\$ 61,819,443.30	22,472
Connect Everyone LLC	0029746260	Colorado	\$ 17,106,769.00	5,190
Connect Everyone LLC	0029746260	Illinois	\$ 19,233,356.00	9,534
Connect Everyone LLC	0029746260	Mississippi	\$ 18,130,649.90	4,256
Connect Everyone LLC	0029746260	Nevada	\$ 51,509,167.40	20,923
Connect Everyone LLC	0029746260	Ohio	\$ 38,273,659.90	18,280
Connect Everyone LLC	0029746260	Pennsylvania	\$ 24,513,988.00	13,792



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Bidder	FRN	State	Assigned Support over 10 Years	Number of Locations Assigned
Connect Everyone LLC	0029746260	Virginia	\$ 9,529,625.40	5,904
Connecting Rural America	0004339487	Alabama	\$ 10,395,132.20	3,792
Connecting Rural America	0004339487	Georgia	\$ 1,710,996.00	555
Connecting Rural America	0004339487	Illinois	\$ 2,040,864.80	708
Connecting Rural America	0004339487	North Carolina	\$ 33,606.00	21
Consolidated Communications, Inc.	0018633321	Florida	\$ 831,384.00	227
Consolidated Communications, Inc.	0018633321	Illinois	\$ 424,956.00	303
Consolidated Communications, Inc.	0018633321	Maine	\$ 31,067,177.00	11,513
Consolidated Communications, Inc.	0018633321	Minnesota	\$ 11,126.00	12
Consolidated Communications, Inc.	0018633321	New Hampshire	\$ 7,361,013.10	4,644
Consolidated Communications, Inc.	0018633321	Texas	\$ 140,964.00	199
Consolidated Communications, Inc.	0018633321	Vermont	\$ 19,036,717.40	10,123
Consortium 2020	0029754959	Arizona	\$ 19,787,039.50	15,636
Consortium 2020	0029754959	California	\$ 29,131,921.40	52,456
Consortium 904	0016085920	Oklahoma	\$ 40,470.00	120
Consortium of AEG and Heron Broadband I	0029770831	Michigan	\$ 187,669,124.00	48,449
Consortium of AEG and Heron Broadband I	0029770831	Minnesota	\$ 6,709,428.00	1,150



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Bidder	FRN	State	Assigned Support over 10 Years	Number of Locations Assigned
Continental Divide Electric Cooperative	0026618306	New Mexico	\$ 38,004,786.20	8,485
Corn Belt Telephone	0002592517	Iowa	\$ 42,237.00	38
Cox Communications, Inc.	0001834696	Arizona	\$ 175,042.20	1,387
Cox Communications, Inc.	0001834696	Arkansas	\$ 1,430,663.20	1,665
Cox Communications, Inc.	0001834696	California	\$ 2,386,243.70	3,118
Cox Communications, Inc.	0001834696	Kansas	\$ 14,314.50	102
Cox Communications, Inc.	0001834696	Louisiana	\$ 686,075.00	442
Cox Communications, Inc.	0001834696	Nebraska	\$ 643,867.00	185
Cox Communications, Inc.	0001834696	Nevada	\$ 286,903.30	812
Cox Communications, Inc.	0001834696	Oklahoma	\$ 93,852.00	142
Cox Communications, Inc.	0001834696	Virginia	\$ 919,559.60	359
Custer Telephone Cooperative, Inc.	0001623321	Idaho	\$ 1,954,488.00	313
Daktel Communications, LLC	0007266703	North Dakota	\$ 531,894.00	66
Daviess-Martin County Rural Telephone Corporation	0004328704	Indiana	\$ 3,565,039.40	1,371
Digital Connections Inc. dba PRODIGI	0005848759	West Virginia	\$ 8,583,001.40	4,771
Direct Communications Rockland, Inc	0004321790	Idaho	\$ 15,745,252.70	2,120
DoCoMo Pacific, Inc.	0004242723	Northern Mariana Islands	\$ 3,706,235.00	530
DTC Cable, Inc.	0005015607	New York	\$ 834,597.00	481



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Bidder	FRN	State	Assigned Support over 10 Years	Number of Locations Assigned
Easton Utilities Commission	0003793726	Maryland	\$ 189,047.60	909
Emery Telephone dba Emery Telcom	0001607340	Utah	\$ 9,822,853.00	1,602
Enduring Internet	0018706002	New Mexico	\$ 11,880.00	83
Enduring Internet	0018706002	Wyoming	\$ 53,810.00	309
Etheric Communications LLC	0013358395	California	\$ 248,634,963.10	64,463
Farmers Mutual Cooperative Telephone Company	0004776464	Iowa	\$ 12,447.00	25
Farmers Mutual Telephone Company	0003747722	Minnesota	\$ 759,822.00	332
Federated Telephone Cooperative	0003741576	Minnesota	\$ 537,399.00	248
FiberLight, LLC	0014117139	Georgia	\$ 458,892.20	687
FiberLight, LLC	0014117139	New Mexico	\$ 246,737.80	940
FiberLight, LLC	0014117139	Virginia	\$ 1,067,075.80	3,038
Fond du Lac Communications Inc	0029221694	Minnesota	\$ 1,046,123.00	728
Frontier Communications Corporation, DIP	0029445723	California	\$ 33,379,752.20	14,943
Frontier Communications Corporation, DIP	0029445723	Connecticut	\$ 320,106.00	80
Frontier Communications Corporation, DIP	0029445723	Florida	\$ 492,732.00	838



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Bidder	FRN	State	Assigned Support over 10 Years	Number of Locations Assigned
Frontier Communications Corporation, DIP	0029445723	Illinois	\$ 10,139,606.70	3,315
Frontier Communications Corporation, DIP	0029445723	New York	\$ 37,291,314.60	12,226
Frontier Communications Corporation, DIP	0029445723	Pennsylvania	\$ 40,977,864.00	15,782
Frontier Communications Corporation, DIP	0029445723	Texas	\$ 673,062.00	613
Frontier Communications Corporation, DIP	0029445723	West Virginia	\$ 247,626,395.30	79,391
Frontier Communications Northwest, LLC	0029765211	Idaho	\$ 22,603,097.80	6,386
Frontier Communications Northwest, LLC	0029765211	Montana	\$ 5,818,165.30	1,874
Frontier Communications Northwest, LLC	0029765211	Oregon	\$ 8,715,378.00	3,706
Frontier Communications Northwest, LLC	0029765211	Washington	\$ 20,066,009.70	9,370
Gardonville Cooperative Telephone Association	0004320164	Minnesota	\$ 63,903.00	24
GigaBeam Networks, LLC	0018473223	Virginia	\$ 92.00	1
GigaBeam Networks, LLC	0018473223	West Virginia	\$ 28,067,789.20	9,071



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Bidder	FRN	State	Assigned Support over 10 Years	Number of Locations Assigned
Grain Communications Opportunity Fund II, L.P.	0029662251	California	\$ 5,475,647.80	1,620
Grain Communications Opportunity Fund II, L.P.	0029662251	Nebraska	\$ 19,816.40	116
Grain Communications Opportunity Fund II, L.P.	0029662251	Oregon	\$ 13,677,209.40	4,151
Great Plains Consortium	0003741550	Minnesota	\$ 81,700.60	402
Great Plains Consortium	0003741550	North Dakota	\$ 15,582.00	3
Great Plains Consortium	0003741550	South Dakota	\$ 3,330,590.70	1,474
H&B Communication's, Inc.	0002331601	Kansas	\$ 11,301.60	47
Halstad Telephone Company	0003744224	Minnesota	\$ 3,118,056.40	603
Halstad Telephone Company	0003744224	North Dakota	\$ 9,023,062.00	1,217
Hamilton County Telephone Co-op	0004323499	Illinois	\$ 7,796,825.30	2,351
Hamilton Long Distance Company	0003708013	Nebraska	\$ 128,560.30	167
Hankins Information Technology	0027344498	California	\$ 2,171,844.50	3,727
Hawaii Dialogix Telecom LLC	0023933112	Illinois	\$ 5,687,249.00	1,364
Hawaii Dialogix Telecom LLC	0023933112	Michigan	\$ 219,918.00	15
Hawaii Dialogix Telecom LLC	0023933112	Ohio	\$ 102,786.00	16
Heart of the Catskills Comm. Inc., dba MTC Cable	0004984837	New York	\$ 398,574.00	188



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Bidder	FRN	State	Assigned Support over 10 Years	Number of Locations Assigned
Home Communications, Inc.	0010627446	Kansas	\$ 15,540.00	54
HomeTown Broadband, Inc.	0029677846	Arkansas	\$ 1,424,229.00	1,295
Horizon Communications, Inc.	0016300493	Wyoming	\$ 2,033,292.00	609
Horry Telephone Cooperative, Inc.	0001886944	South Carolina	\$ 729,554.50	2,267
Hotwire Communications, Ltd	0009846494	Florida	\$ 5,150,040.00	3,233
Hughes Network Systems, LLC	0017434911	Rhode Island	\$ 1,273,784.00	3,678
IdeaTek Telcom, LLC	0015798648	Kansas	\$ 23,590.60	89
KanOkla Telephone Association	0004362364	Kansas	\$ 15,966.00	59
KanOkla Telephone Association	0004362364	Oklahoma	\$ 10,572.00	31
Lakeland Communications Group, LLC	0003744398	Wisconsin	\$ 408,952.00	550
LICT Corporation	0007759178	California	\$ 1,063,513.10	235
LICT Corporation	0007759178	Iowa	\$ 71,984.70	98
LICT Corporation	0007759178	Wisconsin	\$ 540,329.00	302
LigTel Communications, Inc.	0007770084	Indiana	\$ 385,924.00	416
LR Communications, Inc.	0014024640	Kansas	\$ 13,974.00	24
LTD Broadband LLC	0020926788	California	\$ 187,506,059.70	76,856
LTD Broadband LLC	0020926788	Colorado	\$ 69,016,527.10	11,518
LTD Broadband LLC	0020926788	Illinois	\$ 103,247,994.10	42,503



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Bidder	FRN	State	Assigned Support over 10 Years	Number of Locations Assigned
LTD Broadband LLC	0020926788	Indiana	\$ 54,456,917.90	31,330
LTD Broadband LLC	0020926788	Iowa	\$ 23,184,786.30	12,916
LTD Broadband LLC	0020926788	Kansas	\$ 3,228,948.00	2,122
LTD Broadband LLC	0020926788	Minnesota	\$ 311,877,936.40	102,005
LTD Broadband LLC	0020926788	Missouri	\$ 158,793,688.30	52,812
LTD Broadband LLC	0020926788	Nebraska	\$ 33,228,644.40	28,729
LTD Broadband LLC	0020926788	North Dakota	\$ 8,574,318.00	831
LTD Broadband LLC	0020926788	Ohio	\$ 8,179,419.00	4,766
LTD Broadband LLC	0020926788	Oklahoma	\$ 81,098,352.90	39,889
LTD Broadband LLC	0020926788	South Dakota	\$ 46,588,453.80	7,481
LTD Broadband LLC	0020926788	Texas	\$ 42,668,488.60	26,260
LTD Broadband LLC	0020926788	Wisconsin	\$ 189,270,184.10	88,070
MARQUETTE-ADAMS TELEPHONE COOPERATIVE, INC.	0003774023	Wisconsin	\$ 55,378.00	66
MCC Network Services, LLC	0025942202	Illinois	\$ 36,204.00	72
Mediacom Communications Corporation	0007282312	Alabama	\$ 1,449,630.10	5,700
Mediacom Communications Corporation	0007282312	Florida	\$ 93,814.20	507



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Bidder	FRN	State	Assigned Support over 10 Years	Number of Locations Assigned
Mediacom Communications Corporation	0007282312	Georgia	\$ 407,683.90	1,824
Mediacom Communications Corporation	0007282312	North Carolina	\$ 303,526.80	1,721
MEI Telecom, Inc.	0023107519	Michigan	\$ 479,789.10	175
Mercury Wireless, Inc.	0018603027	Illinois	\$ 5,109,552.80	9,633
Mercury Wireless, Inc.	0018603027	Indiana	\$ 9,746,150.00	20,961
Mercury Wireless, Inc.	0018603027	Kansas	\$ 147,073.60	765
Mercury Wireless, Inc.	0018603027	Michigan	\$ 37,598,649.40	77,925
Mercury Wireless, Inc.	0018603027	Missouri	\$ 4,254,918.50	14,094
Mercury Wireless, Inc.	0018603027	Ohio	\$ 11,454,497.70	44,306
Micrologic Inc.	0018675256	West Virginia	\$ 10,036,047.70	2,076
Midcontinent Communications	0002621951	Minnesota	\$ 4,453,803.70	6,058
Midcontinent Communications	0002621951	North Dakota	\$ 184,168.80	206
Midcontinent Communications	0002621951	South Dakota	\$ 322,500.50	242
Miles Communications LLC	0003734951	Iowa	\$ 316,641.00	106
Minnesota Connections c/o Consolidated Tel Company	0003742467	Minnesota	\$ 2,040,278.70	979
Mountain View Telephone Company	0001730944	Arkansas	\$ 298,572.00	43



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Bidder	FRN	State	Assigned Support over 10 Years	Number of Locations Assigned
Mountain West Technologies Corporation	0015643182	Wyoming	\$ 141,801.20	690
NBVDS Investment, L.L.C.	0017194986	Oklahoma	\$ 1,655,443.40	2,387
Net Ops Communications, LLC	0025394529	Texas	\$ 69,676.40	1,586
Newport Utilities	0027152438	Tennessee	\$ 159,492.00	59
NexTier Consortium	0029756582	Alabama	\$ 1,368,306.90	4,116
NexTier Consortium	0029756582	Arkansas	\$ 32,255,788.20	10,739
NexTier Consortium	0029756582	Georgia	\$ 161,124.00	281
NexTier Consortium	0029756582	Illinois	\$ 2,646,496.40	815
NexTier Consortium	0029756582	Louisiana	\$ 1,710,200.30	1,639
NexTier Consortium	0029756582	Michigan	\$ 627,072.00	537
NexTier Consortium	0029756582	Mississippi	\$ 45,169,908.90	11,693
NexTier Consortium	0029756582	Missouri	\$ 2,108,576.90	2,011
NexTier Consortium	0029756582	Ohio	\$ 1,081,309.10	7,568
NexTier Consortium	0029756582	Oregon	\$ 11,152,903.10	1,762
NexTier Consortium	0029756582	Pennsylvania	\$ 5,105,375.70	4,460
NexTier Consortium	0029756582	Tennessee	\$ 9,648,243.20	12,895
NexTier Consortium	0029756582	Texas	\$ 3,276,899.00	14,498
NexTier Consortium	0029756582	Virginia	\$ 9,975,489.60	7,595



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Bidder	FRN	State	Assigned Support over 10 Years	Number of Locations Assigned
NMSURF, Inc.	0018795427	New Mexico	\$ 26,964.00	212
Northeast Missouri Rural Telephone Company	0004337044	Missouri	\$ 60,126.00	7
Northern Arapaho Tribal Industries	0020993077	Wyoming	\$ 7,799,035.00	2,408
Nova Cablevision, Inc	0004962015	Illinois	\$ 785,400.00	155
NRTC Phase I RDOF Consortium	0018539916	Alabama	\$ 169,652.90	3,042
NRTC Phase I RDOF Consortium	0018539916	Georgia	\$ 9,925,188.20	7,420
NRTC Phase I RDOF Consortium	0018539916	Indiana	\$ 19,791,000.70	30,318
NRTC Phase I RDOF Consortium	0018539916	Iowa	\$ 356,440.10	305
NRTC Phase I RDOF Consortium	0018539916	Louisiana	\$ 1,283,546.30	652
NRTC Phase I RDOF Consortium	0018539916	Michigan	\$ 59,402,901.70	44,534
NRTC Phase I RDOF Consortium	0018539916	Mississippi	\$ 32,399,695.30	14,222
NRTC Phase I RDOF Consortium	0018539916	Missouri	\$ 1,682,687.60	644
NRTC Phase I RDOF Consortium	0018539916	New Hampshire	\$ 6,884,633.60	7,663
NRTC Phase I RDOF Consortium	0018539916	Oregon	\$ 2,210,256.20	1,720
NRTC Phase I RDOF Consortium	0018539916	South Carolina	\$ 45,666.00	34
NRTC Phase I RDOF Consortium	0018539916	Vermont	\$ 9,559,117.70	6,875
NRTC Phase I RDOF Consortium	0018539916	Virginia	\$ 11,878,740.80	7,670
NRTC Phase I RDOF Consortium	0018539916	Washington	\$ 1,125,151.10	236



FCC Rural Digital Opportunity Fund Phase I Auction

Auction ID: 904

Winning Bidder Summary

(Sorted by Bidder Name)

Date of Report: 12/07/2020 08:17 AM ET

Bidder	FRN	State	Assigned Support over 10 Years	Number of Locations Assigned
NTS Communications, LLC	0004266938	Texas	\$ 8,923.00	13
One Ring Networks, Inc	0027986132	California	\$ 68,385.00	1,170
One Ring Networks, Inc	0027986132	Georgia	\$ 60,102.50	810
One Ring Networks, Inc	0027986132	Maryland	\$ 9,227.50	81
Palmetto Telephone Communications, LLC	0003741386	South Carolina	\$ 570,024.00	264
Paul Bunyan Rural Telephone Cooperative	0002644953	Minnesota	\$ 16,307,892.10	5,088
Pembroke Telephone Company, Inc.	0003715885	Georgia	\$ 1,053,063.00	601
Peoples Communication, LLC.	0004943221	Texas	\$ 4,140.00	4
Peoples Telecom, LLC	0001792829	Kentucky	\$ 5,668,121.40	2,431
Pine Belt Communications, Inc.	0001754183	Alabama	\$ 11,126,003.10	4,220
Pine Cellular Phones, Inc.	0012882643	Oklahoma	\$ 2,303,742.10	2,459
Pinpoint Bidding Coalition	0001566983	Nebraska	\$ 31,254.00	32
Pioneer Long Distance, Inc.	0003728615	Oklahoma	\$ 50,994.00	1,346
Pioneer Wireless, Inc	0011283405	Maine	\$ 5,543,142.00	1,638
Plains Internet, LLC	0025360173	Kansas	\$ 9,834.00	3
Plains Internet, LLC	0025360173	Texas	\$ 4,074.00	4
Plains Internet, LLC	0025360173	Wyoming	\$ 331,716.00	243



FCC Rural Digital Opportunity Fund Phase I Auction

Auction ID: 904

Winning Bidder Summary

(Sorted by Bidder Name)

Date of Report: 12/07/2020 08:17 AM ET

Bidder	FRN	State	Assigned Support over 10 Years	Number of Locations Assigned
Plateau Telecommunications, Incorporated	0003800570	New Mexico	\$ 3,150.00	2
Point Broadband Fiber Holding, LLC	0028957306	Alabama	\$ 51,040,733.50	21,818
Point Broadband Fiber Holding, LLC	0028957306	Georgia	\$ 4,241,074.70	2,000
Point Broadband Fiber Holding, LLC	0028957306	Michigan	\$ 11,429,098.90	5,918
Point Broadband Fiber Holding, LLC	0028957306	New York	\$ 6,559,460.00	2,568
Point Broadband Fiber Holding, LLC	0028957306	Virginia	\$ 5,144,046.00	2,168
Prospero Broadband Consortium	0029700937	Arkansas	\$ 50,921,578.70	36,969
Prospero Broadband Consortium	0029700937	Mississippi	\$ 42,351,227.10	14,333
Prospero Broadband Consortium	0029700937	Tennessee	\$ 7,093,203.00	10,497
PVT NetWorks, Inc.	0001612555	New Mexico	\$ 12,039.00	38
QCOL, Inc.	0019663095	Pennsylvania	\$ 235,146.00	88
RC Technologies	0003728680	South Dakota	\$ 263,796.00	118
RDOF USA Consortium	0029740594	Alabama	\$ 73,217,003.70	36,248
RDOF USA Consortium	0029740594	California	\$ 819,773.20	1,552
RDOF USA Consortium	0029740594	Kentucky	\$ 57,041.00	60
RDOF USA Consortium	0029740594	Mississippi	\$ 32,487,629.80	15,341
RDOF USA Consortium	0029740594	Tennessee	\$ 5,462,575.00	10,629
Redzone Wireless, LLC	0026369231	Maine	\$ 507,752.00	755



FCC Rural Digital Opportunity Fund Phase I Auction

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Winning Bidder Summary

(Sorted by Bidder Name)

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Bidder	FRN	State	Assigned Support over 10 Years	Number of Locations Assigned
Reedsburg Utility Commission	0005221866	Wisconsin	\$ 6,439,594.10	4,488
Reservation Telephone Cooperative	0002477743	North Dakota	\$ 337,080.00	73
Resound Networks, LLC	0024535437	Arizona	\$ 16,495,471.10	42,847
Resound Networks, LLC	0024535437	Arkansas	\$ 60,111,774.60	26,119
Resound Networks, LLC	0024535437	Colorado	\$ 29,530,678.10	11,797
Resound Networks, LLC	0024535437	Kansas	\$ 33,039,420.70	16,922
Resound Networks, LLC	0024535437	New Mexico	\$ 59,171,497.60	19,500
Resound Networks, LLC	0024535437	Oklahoma	\$ 17,889,694.40	19,109
Resound Networks, LLC	0024535437	Texas	\$ 94,443,072.40	82,945
RHMD, LLC	0021036439	Georgia	\$ 18,303,843.20	6,943
Rivers High Group	0002721157	Wisconsin	\$ 3,540,398.10	1,315
Roseau Electric Cooperative, Inc.	0009568379	Minnesota	\$ 1,228,494.00	266
Rural American Broadband Consortium	0002430510	Georgia	\$ 509,970.60	349
Rural American Broadband Consortium	0002430510	Indiana	\$ 1,186,542.80	565
Rural American Broadband Consortium	0002430510	Missouri	\$ 4,525,266.00	1,410
Rural American Broadband Consortium	0002430510	Montana	\$ 226,116.00	209
Rural American Broadband Consortium	0002430510	Ohio	\$ 364,846.70	412
Rural American Broadband Consortium	0002430510	South Dakota	\$ 1,659,116.00	726



FCC Rural Digital Opportunity Fund Phase I Auction

Auction ID: 904

Winning Bidder Summary

(Sorted by Bidder Name)

Date of Report: 12/07/2020 08:17 AM ET

Bidder	FRN	State	Assigned Support over 10 Years	Number of Locations Assigned
Rural Electric Cooperative Consortium	0029719259	Arizona	\$ 18,384,651.20	14,574
Rural Electric Cooperative Consortium	0029719259	Arkansas	\$ 179,437,594.20	73,018
Rural Electric Cooperative Consortium	0029719259	Colorado	\$ 83,179,164.60	25,255
Rural Electric Cooperative Consortium	0029719259	Florida	\$ 82,504,050.40	62,480
Rural Electric Cooperative Consortium	0029719259	Georgia	\$ 82,638,074.00	60,184
Rural Electric Cooperative Consortium	0029719259	Illinois	\$ 16,621,874.50	6,487
Rural Electric Cooperative Consortium	0029719259	Indiana	\$ 593,915.10	822
Rural Electric Cooperative Consortium	0029719259	Kentucky	\$ 21,396,303.60	30,398
Rural Electric Cooperative Consortium	0029719259	Louisiana	\$ 113,667,025.30	53,245
Rural Electric Cooperative Consortium	0029719259	Michigan	\$ 18,072,102.90	22,176
Rural Electric Cooperative Consortium	0029719259	Mississippi	\$ 220,576,631.80	89,505
Rural Electric Cooperative Consortium	0029719259	Missouri	\$ 88,238,706.80	44,910
Rural Electric Cooperative Consortium	0029719259	New Mexico	\$ 18,102,076.90	6,292
Rural Electric Cooperative Consortium	0029719259	New York	\$ 8,672,225.90	3,012
Rural Electric Cooperative Consortium	0029719259	Ohio	\$ 1,980,535.00	1,336
Rural Electric Cooperative Consortium	0029719259	Oklahoma	\$ 42,248,692.80	47,552
Rural Electric Cooperative Consortium	0029719259	Oregon	\$ 41,613,794.00	9,928
Rural Electric Cooperative Consortium	0029719259	South Carolina	\$ 876,151.20	2,213



FCC Rural Digital Opportunity Fund Phase I Auction

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Winning Bidder Summary

(Sorted by Bidder Name)

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Bidder	FRN	State	Assigned Support over 10 Years	Number of Locations Assigned
Rural Electric Cooperative Consortium	0029719259	Tennessee	\$ 16,032,342.90	19,777
Rural Electric Cooperative Consortium	0029719259	Texas	\$ 4,222,892.50	9,071
Rural Electric Cooperative Consortium	0029719259	Virginia	\$ 45,320,113.40	36,203
Rural Electric Cooperative Consortium	0029719259	Wisconsin	\$ 17,034.00	38
Safelink Internet LLC	0016179855	Nevada	\$ 1,197,661.50	2,728
Sandhill Telephone Cooperative, Inc.	0001886464	South Carolina	\$ 6,396.00	1
Savage Communications	0004069167	Minnesota	\$ 6,090,479.10	4,541
Scott County Telephone Cooperative, Inc.	0002069862	Tennessee	\$ 339,393.00	1,926
Scott County Telephone Cooperative, Inc.	0002069862	Virginia	\$ 416,448.60	480
Segnem Egere Consortium	0029760014	Arkansas	\$ 6,485,973.90	3,335
Segnem Egere Consortium	0029760014	Louisiana	\$ 142,323,296.80	52,430
Segnem Egere Consortium	0029760014	Mississippi	\$ 4,045,170.00	1,622
Shenandoah Cable Television, LLC	0021657853	Virginia	\$ 4,967,749.50	8,223
Shenandoah Cable Television, LLC	0021657853	West Virginia	\$ 91,867.00	419
Siuslaw Broadband, LLC dba Hyak Technologies	0020535944	Oregon	\$ 1,611,684.90	554
Skywave Wireless, Inc.	0021644448	Nebraska	\$ 57,660.00	12



FCC Rural Digital Opportunity Fund Phase I Auction

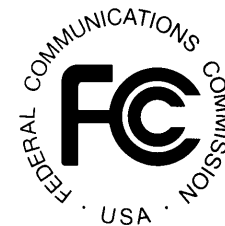
Auction ID: 904

Winning Bidder Summary

(Sorted by Bidder Name)

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Bidder	FRN	State	Assigned Support over 10 Years	Number of Locations Assigned
SLIC Network Solutions, Inc.	0011412129	New York	\$ 978,722.00	3,660
Socket Telecom, LLC	0008515595	Missouri	\$ 232,768.80	393
Somerset Telephone Co., Inc.	0002720977	Wisconsin	\$ 669,564.00	1,208
South Arkansas Telephone Company	0001730142	Arkansas	\$ 11,387,245.50	5,093
Space Exploration Technologies Corp.	0026043968	Alabama	\$ 54,680,526.60	36,554
Space Exploration Technologies Corp.	0026043968	Arkansas	\$ 12,383,305.50	17,725
Space Exploration Technologies Corp.	0026043968	California	\$ 5,746,960.80	6,297
Space Exploration Technologies Corp.	0026043968	Colorado	\$ 39,752,936.50	19,176
Space Exploration Technologies Corp.	0026043968	Connecticut	\$ 3,890,305.00	2,819
Space Exploration Technologies Corp.	0026043968	Florida	\$ 33,630,822.60	34,757
Space Exploration Technologies Corp.	0026043968	Georgia	\$ 27,614,882.00	22,961
Space Exploration Technologies Corp.	0026043968	Hawaii	\$ 427,200.00	32
Space Exploration Technologies Corp.	0026043968	Idaho	\$ 54,543,468.90	26,717
Space Exploration Technologies Corp.	0026043968	Illinois	\$ 8,325,104.00	12,478
Space Exploration Technologies Corp.	0026043968	Kentucky	\$ 8,483,592.90	6,696
Space Exploration Technologies Corp.	0026043968	Louisiana	\$ 26,558,634.90	29,171
Space Exploration Technologies Corp.	0026043968	Maine	\$ 34,057,837.30	13,849
Space Exploration Technologies Corp.	0026043968	Maryland	\$ 4,060,771.30	5,413



FCC Rural Digital Opportunity Fund Phase I Auction

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Winning Bidder Summary

(Sorted by Bidder Name)

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Bidder	FRN	State	Assigned Support over 10 Years	Number of Locations Assigned
Space Exploration Technologies Corp.	0026043968	Massachusetts	\$ 10,992,153.70	11,136
Space Exploration Technologies Corp.	0026043968	Michigan	\$ 9,852,045.00	8,079
Space Exploration Technologies Corp.	0026043968	Minnesota	\$ 8,424,807.60	7,529
Space Exploration Technologies Corp.	0026043968	Mississippi	\$ 44,019,661.30	38,956
Space Exploration Technologies Corp.	0026043968	Montana	\$ 72,723,246.20	29,478
Space Exploration Technologies Corp.	0026043968	Nevada	\$ 3,858,555.70	2,976
Space Exploration Technologies Corp.	0026043968	New Hampshire	\$ 8,871,460.00	4,389
Space Exploration Technologies Corp.	0026043968	New Jersey	\$ 10,739,474.00	8,686
Space Exploration Technologies Corp.	0026043968	New Mexico	\$ 25,635,954.90	19,721
Space Exploration Technologies Corp.	0026043968	New York	\$ 20,909,624.30	13,729
Space Exploration Technologies Corp.	0026043968	North Carolina	\$ 17,422,993.10	19,552
Space Exploration Technologies Corp.	0026043968	Oregon	\$ 57,897,559.60	35,653
Space Exploration Technologies Corp.	0026043968	Pennsylvania	\$ 63,065,275.00	59,200
Space Exploration Technologies Corp.	0026043968	South Carolina	\$ 6,163,912.70	4,287
Space Exploration Technologies Corp.	0026043968	Tennessee	\$ 12,361,515.80	11,306
Space Exploration Technologies Corp.	0026043968	Utah	\$ 20,961,877.00	8,630
Space Exploration Technologies Corp.	0026043968	Vermont	\$ 3,908,075.00	2,247
Space Exploration Technologies Corp.	0026043968	Virginia	\$ 62,390,792.80	53,640



FCC Rural Digital Opportunity Fund Phase I Auction

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Winning Bidder Summary

(Sorted by Bidder Name)

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Bidder	FRN	State	Assigned Support over 10 Years	Number of Locations Assigned
Space Exploration Technologies Corp.	0026043968	Washington	\$ 80,379,119.90	52,086
Space Exploration Technologies Corp.	0026043968	West Virginia	\$ 13,822,221.30	9,337
Space Exploration Technologies Corp.	0026043968	Wyoming	\$ 16,952,965.20	7,663
St Paul Cooperative Telephone Association	0004979555	Oregon	\$ 190,908.00	39
St. John Telco	0004528410	Washington	\$ 7,116,876.00	1,057
Talkie Communications, Inc.	0024272841	Delaware	\$ 13,300,968.00	7,749
Talkie Communications, Inc.	0024272841	Maryland	\$ 43,764,042.20	31,349
Taylor Telephone Coop., Inc. dba Taylor Telecom	0004924478	Texas	\$ 5,466.00	2
Tennessee Cooperative Group Consortium	0029742053	Illinois	\$ 860,082.00	268
Tennessee Cooperative Group Consortium	0029742053	Kentucky	\$ 3,253,445.10	3,957
Tennessee Cooperative Group Consortium	0029742053	Tennessee	\$ 1,867,989.80	3,400
Terral Telephone Company	0004320412	Oklahoma	\$ 716,381.20	2,299
TruVista Communications, Inc.	0003707775	Georgia	\$ 2,059,050.80	2,778
Unified Communications Inc.	0023896962	Texas	\$ 1,604.00	17
Union Telephone Company	0001630201	Wyoming	\$ 1,264,770.00	157



FCC Rural Digital Opportunity Fund Phase I Auction

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Winning Bidder Summary

(Sorted by Bidder Name)

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Bidder	FRN	State	Assigned Support over 10 Years	Number of Locations Assigned
Visionary Communications, Inc.	0018092593	Colorado	\$ 396,465.80	986
Visionary Communications, Inc.	0018092593	Wyoming	\$ 4,053,798.60	3,198
W. T. Services, Inc.	0001655125	Texas	\$ 8,785.70	177
WC Fiber, LLC	0024824443	South Carolina	\$ 98,189.50	945
Wikstrom Telephone Company	0004319372	Minnesota	\$ 983,637.00	228
Wildstar	0029765443	Florida	\$ 1,790.00	21
Wilkes Telephone Membership Corporation	0003718426	North Carolina	\$ 1,304,889.80	2,715
Wilkes Telephone Membership Corporation	0003718426	Virginia	\$ 44,750,453.60	37,155
Windstream Services LLC, Debtor-In-Possession	0028299675	Alabama	\$ 28,417,716.50	10,193
Windstream Services LLC, Debtor-In-Possession	0028299675	Arkansas	\$ 56,934,478.20	19,172
Windstream Services LLC, Debtor-In-Possession	0028299675	Florida	\$ 40,763,866.10	19,937
Windstream Services LLC, Debtor-In-Possession	0028299675	Georgia	\$ 147,345,052.70	48,208
Windstream Services LLC, Debtor-In-Possession	0028299675	Iowa	\$ 5,355,920.50	2,472



FCC Rural Digital Opportunity Fund Phase I Auction

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Winning Bidder Summary

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Bidder	FRN	State	Assigned Support over 10 Years	Number of Locations Assigned
Windstream Services LLC, Debtor-In-Possession	0028299675	Kentucky	\$ 43,003,810.90	15,787
Windstream Services LLC, Debtor-In-Possession	0028299675	Minnesota	\$ 6,548,964.10	2,899
Windstream Services LLC, Debtor-In-Possession	0028299675	Mississippi	\$ 12,638,681.00	5,733
Windstream Services LLC, Debtor-In-Possession	0028299675	Missouri	\$ 3,078,402.40	1,342
Windstream Services LLC, Debtor-In-Possession	0028299675	Nebraska	\$ 579,530.00	195
Windstream Services LLC, Debtor-In-Possession	0028299675	New Mexico	\$ 15,516,006.80	5,252
Windstream Services LLC, Debtor-In-Possession	0028299675	New York	\$ 2,302,961.00	748
Windstream Services LLC, Debtor-In-Possession	0028299675	North Carolina	\$ 4,187,143.00	2,159
Windstream Services LLC, Debtor-In-Possession	0028299675	Ohio	\$ 1,504,808.00	857
Windstream Services LLC, Debtor-In-Possession	0028299675	Oklahoma	\$ 1,600,807.00	1,284
Windstream Services LLC, Debtor-In-Possession	0028299675	Pennsylvania	\$ 148,746,180.70	53,846



FCC Rural Digital Opportunity Fund Phase I Auction

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Winning Bidder Summary

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Bidder	FRN	State	Assigned Support over 10 Years	Number of Locations Assigned
Windstream Services LLC, Debtor-In-Possession	0028299675	South Carolina	\$ 312,153.00	152
Windstream Services LLC, Debtor-In-Possession	0028299675	Texas	\$ 4,052,297.90	2,331
Winnebago Cooperative Telecom Association	0002590057	Iowa	\$ 84,096.10	70
Winnebago Cooperative Telecom Association	0002590057	Minnesota	\$ 20,541.70	178
Wisper-CABO 904 Consortium	0029745213	Arizona	\$ 16,441.10	55
Wisper-CABO 904 Consortium	0029745213	Arkansas	\$ 104,926.00	949
Wisper-CABO 904 Consortium	0029745213	Idaho	\$ 3,387,413.00	1,054
Wisper-CABO 904 Consortium	0029745213	Illinois	\$ 97,504.20	40
Wisper-CABO 904 Consortium	0029745213	Iowa	\$ 8,586.00	12
Wisper-CABO 904 Consortium	0029745213	Louisiana	\$ 18,458.60	62
Wisper-CABO 904 Consortium	0029745213	Minnesota	\$ 1,671.00	19
Wisper-CABO 904 Consortium	0029745213	Missouri	\$ 1,159,205.80	857
Wisper-CABO 904 Consortium	0029745213	Nebraska	\$ 11,256.00	11
Wisper-CABO 904 Consortium	0029745213	New Mexico	\$ 125,532.00	129
Wisper-CABO 904 Consortium	0029745213	North Dakota	\$ 697.60	47
Wisper-CABO 904 Consortium	0029745213	Texas	\$ 37,633.00	214



FCC Rural Digital Opportunity Fund Phase I Auction

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Winning Bidder Summary

(Sorted by Bidder Name)

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Bidder	FRN	State	Assigned Support over 10 Years	Number of Locations Assigned
Wisper-CABO 904 Consortium	0029745213	Washington	\$ 5,118.00	4
Wood County Telephone Company d/b/a Solarus	0003744141	Wisconsin	\$ 28,848.00	15
Worldwide Technologies, Inc.	0018998831	Missouri	\$ 700,874.20	496
WTC Communications, Inc.	0003766680	Kansas	\$ 40,845.20	174
XIT Telecommunication & Technology	0001650233	Texas	\$ 43,254.50	464
yondoo Broadband LLC	0027576503	Missouri	\$ 54,833.80	110
Yucca Telecommunications Systems, Inc.	0004320362	New Mexico	\$ 26,221.00	19
Zito West Holding, LLC	0027133545	Pennsylvania	\$ 457,596.00	279
TOTAL			\$ 9,230,688,714.90	5,220,833

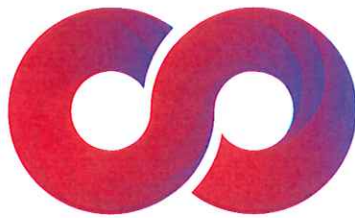
Commonwealth Connect Coalition - December Meeting Notes

From : Rosner, Kyle <kyle.rosner@governor.virginia.gov>
Subject : Commonwealth Connect Coalition - December Meeting Notes

Thu, Dec 17, 2020 04:26 PM

 2 attachments

To : Feinman, Evan <efeinman@revitalizeva.org>



**commonwealth
connect**

Commonwealth Connect Coalition Members,

Thank you to everyone who joined our coalition meeting today. Below are the meeting notes, please let me know if you have any questions.

We are happy to share the [Governor's introduced budget](#) includes \$50 million for the FY22 round of the Virginia Telecommunications Initiative (VATI) program. This is wonderful news and a testament to the hard work everyone has put in to make the VATI program a success. This also means that the coalition will have to ardently defend and solidify this budget during the General Assembly session. In the week before the session begins, I will circulate session prep materials, including talking points.

Meeting Notes:

Evan Feinman provided an overview of broadband policy areas likely to come up during the General Assembly Session next month. For most of these topics, the Governor's office does not have a position and throughout the session, as in previous years, we will track all broadband bills for the coalition. Potential topics that may come up include:

- VATI Budget of \$50 million for FY22 (coalition's top priority)
- Legislation to make permanent the [utility leverage pilot](#) as well as streamline the process.
- Code cleanup to make the broadband references strewn throughout Virginia Code uniform, updated, and succinct.
- Pilot to establish a broadband affordability subsidization program for SNAP recipients.
- Broadband related revenue generators - such as a digital products tax, streaming fee, or increase to online sales tax.
- Legislation addressing barriers in the code for municipalities to deliver broadband directly.
- Budget language to allow broadband authorities to participate in the VATI program.

- Other potential topics we may see: pole attachments fees for broadband, railroad crossings for broadband, broadband mapping.

Chandler Vaughn with the Office of Broadband provided an overview of the Virginia results of the Rural Digital Opportunity Fund, which you can find attached. [Here is a map of the results](#) and you can see the full results [here](#). Please note that we are currently working to get out further communication to VATI applicants about how the RDOF results and VATI applications will interact. Please bear with us, we hope to have something to share soon.

Finally, Evan and I gave a brief overview of the \$30m in CARES Act broadband funding that was awarded throughout the past two months. In total, 71 projects in 50 localities were awarded, which will connect over 30,000 locations to broadband. We want to thank all the localities and broadband providers who worked hard to submit good applications and continue to work feverishly to get projects completed. The full list of awarded projects can be found here - <https://link.edgepilot.com/s/8063a740/XGA9AeUIBkO8FlrfjJNXyg?u=https://www.commonwealthconnect.virginia.gov/cares-act-awards>.

Active Broadband Solicitations:

There are several open broadband solicitations from Virginia localities, you can find the full list here - <https://link.edgepilot.com/s/b435e7c2/euGINNc1KkKDEstxrRyKfw?u=https://www.commonwealthconnect.virginia.gov/broadband-solicitations>

Upcoming Events and Deadlines:

December 23 - USDA Community Connect Program Deadline

Learn more [here](#)

Happy Holidays!

Thanks for reading! New to this list? We want this newsletter to be a one stop shop for all things broadband in Virginia. Learn more about the Commonwealth Connect Coalition - [here](#)

Kyle Rosner
Deputy Broadband Advisor
Office of Governor Ralph S. Northam
804-371-7041 (office) | 540-514-8317 (cell)

Links contained in this email have been replaced. If you click on a link in the email above, the link will be analyzed for known threats. If a known threat is found, you will not be able to proceed to the destination. If suspicious content is detected, you will see a warning.

Locality	Partner	Type of Project	Brief Narrative	Award
Botetourt County	Roanoke Valley Broadband Authority	Middle Mile	Middle mile infrastructure to increase local broadband capacity, including 44 new last mile fiber passings.	\$ 805,604.00
Franklin County	Shentel	Middle Mile	Fiber backhaul for two towers from the 2020 VATI award with Briscnet.	\$ 68,820.00
Page County	High Speed Link	Last Mile - Fixed Wireless	4,000 passing last mile fixed wireless project throughout the County.	\$ 1,627,276.00
Cumberland County	Firefly Fiber Broadband	Middle Mile	Middle mile expansion to improve broadband capacity in the county and expedite connections for 1,670 households. Project will also result in last mile fiber connections for 10 passings. Includes \$35,000 in matching funds.	\$ 125,000.00
Arlington County	ConnectArlington	Affordability	Private cellular network in the Randolph and Arlington Mill neighborhoods for households with students. Network expects to provide coverage to atleast 360 households.	\$ 742,332.00
City of Hopewell	TPx Communications	Affordability	Free public wifi network for 747 subsidized and affordable housing units. Includes 8 miles of fiber with 250 access points throughout the city.	\$ 3,954,888.00
City of Portsmouth	Portsmouth Broadband Authority	Affordability	Wireless mesh network for 1,065 public housing units. Includes several additional public wifi hotspots and a total of 173 access points throughout the city.	\$ 750,000.00
City of Williamsburg	Verizon Wireless	Affordability	Free and improved cellular wireless service for 129 units in the Highland Park neighborhood, including in-home routers, signal amplifiers and 6 months of data.	\$ 192,023.00
Page County	Comcast/High Speed Link/ Sprint	Affordability	Subsidized broadband service or cellular hotspots to 1,300 households with students. County residents utilizing telehealth are also eligible. Includes \$5,000 matching funds.	\$ 390,000.00

Amherst County	Firefly Fiber Broadband	Last Mile - Fiber	466 passing last mile fiber expansion in Gladstone, Piney River-Temperance, and Boxwood Farms, including \$452,000 in matching funds. Project will also result in 3 public Wifi hotspots.	\$ 1,370,000.00
Charlotte County	EMPOWER Broadband	Last Mile - Fiber	30 passing last mile fiber project in Wylliesburg. Includes a public wifi hotspot.	\$ 72,017.00
Orange County	Orange County Broadband Authority	Last Mile - Fiber	555 passing last mile fiber expansion throughout the county, including 13 public wifi hotspots.	\$ 1,999,620.00
Albemarle County	Firefly Fiber Broadband	Last Mile - Fiber	62 passing last mile fiber expansion in Burch's Creek, includes \$35,000 matching funds.	\$ 230,245.00
Augusta County	New Hope Telephone Cooperative	Last Mile - Fiber	36 passings last mile fiber project in New Hope, includes \$88,033 in matching funds.	\$ 352,133.00
Augusta County	Lingo Networks	Last Mile - Fiber	36 passing last mile fiber project near Buffalo Gap with middle mile network investments to increase local broadband capacity. Includes \$83,344 in matching funds.	\$ 333,378.00
Bath County	BARC Connects	Last Mile - Fiber	71 passing last mile fiber expansion in Millboro Springs, including \$91,000 in matching funds.	\$ 409,500.00
Bedford County	Zitel	Last Mile - Fiber	1,057 passing last mile fiber project in Moneta, including \$282,864 in matching funds.	\$ 564,500.00
Brunswick County	EMPOWER Broadband	Last Mile - Fiber	112 passing last mile fiber project in Southeast Brunswick, including \$32,000 in matching funds.	\$ 278,626.00
Culpeper County	Comcast	Last Mile - Fiber	52 passing last mile fiber project in the Culpeper Lakes neighborhood. Includes \$65,981 in matching funds.	\$ 487,217.00
Floyd County	Citizens Telephone Cooperative	Last Mile - Fiber	54 passing last mile fiber project throughout the county. Includes \$26,000 in matching funds.	\$ 311,480.00
Franklin County	Shentel	Last Mile - Fiber	13 passing last mile fiber project near Smith Mountain Lake. Includes \$79,200 in matching funds.	\$ 29,500.00
Greensville County	EMPOWER Broadband	Last Mile - Fiber	124 passing last mile fiber project in Southwest Greensville, including \$40,000 in matching funds.	\$ 436,025.00
James City County	Cox	Last Mile - Fiber	16 passing last mile fiber project throughout the county.	\$ 88,196.00

King George County	Atlantic Broadband	Last Mile - Fiber	11 passing last mile fiber project throughout the county.	\$ 25,707.00
Lee County	Scott County Telephone Cooperative	Last Mile - Fiber	1,632 passing last mile fiber expansion throughout the county. Includes \$1.9 million in matching funds.	\$ 1,615,241.00
Louisa County	Firefly Fiber Broadband	Last Mile - Fiber	87 passing last mile expansion in Southwest Louisa. Project also includes public wifi hotspot. Includes 55,000 in matching funds.	\$ 340,000.00
Mecklenburg County	EMPOWER Broadband	Last Mile - Fiber	130 passing last mile fiber expansion in Southeast Mecklenburg. Includes \$42,000 in matching funds.	\$ 602,464.00
Middlesex County	Atlantic Broadband	Last Mile - Fiber	6 passing last mile fiber project throughout the county.	\$ 25,741.00
Montgomery County	WideOpen Blacksburg	Last Mile - Fiber	14 passing last mile fiber expansion in Catawba.	\$ 132,650.00
Nelson County	Firefly Fiber Broadband	Last Mile - Fiber	84 passing last mile fiber expansion in Piney River. Also includes 3 public wifi hotspots. Includes \$45,000 in matching funds.	\$ 205,000.00
New Kent County	Cox	Last Mile - Fiber	6 passing last mile fiber project throughout the county.	\$ 33,055.00
Powhatan County	Hosted Backbone	Last Mile - Fiber	283 passing last mile fiber expansion throughout the county.	\$ 642,000.00
Powhatan County	Hosted Backbone	Last Mile - Fiber	124 passing last mile fiber expansion throughout the county.	\$ 217,536.00
Powhatan County	Comcast	Last Mile - Fiber	8 passing last mile fiber expansion on Giles Bridge Road.	\$ 79,906.00
Roanoke County	Cox	Last Mile - Fiber	75 passing last mile fiber expansion in Cave Spring and Windsor Hill.	\$ 274,160.00
Rockbridge County	BARC Connects	Last Mile - Fiber	130 passing last mile fiber expansion throughout the county. Includes \$192,500 in matching funds.	\$ 770,000.00
Russell County	Point Broadband	Last Mile - Fiber	62 passing last mile fiber expansion in Flats Circle. Includes \$44,645 in matching funds.	\$ 155,000.00
Smyth County	Point	Last Mile - Fiber	122 passing last mile fiber expansion throughout the county. Includes \$89,688 in matching funds.	\$ 313,592.00
Sussex County	Ruralband	Last Mile - Fiber	150 passing last mile fiber expansion in Central Sussex. Includes \$36,135 in matching funds.	\$ 469,151.00

Washington County	Point	Last Mile - Fiber	78 passing last mile fiber expansion in Mendota. Includes \$64,898 in matching funds.	\$ 283,824.00
Washington County	iGo	Last Mile - Fiber	69 passing last mile fiber expansion on North Fork River Road.	\$ 148,000.00
Mecklenburg County	Mid-Atlantic Broadband / EMPOWER Broadband	Last Mile - Fiber	Expansion of MBC middle mile network between Boydton and Clarksville. EMPOWER Broadband will then serve 125 passings with fiber along the new route. Includes \$25,000 in matching funds.	\$ 530,000.00
Augusta County	Lingo Networks	Last Mile - Fixed Wireless	320 passing last mile fixed wireless expansion in Swoope, including \$53,731 in matching funds. Project includes new fiber backhaul to the Swoope tower.	\$ 214,930.00
Botetourt County	Roanoke Valley Broadband Authority	Last Mile - Fixed Wireless	250 passing last mile fixed wireless project in Fincastle.	\$ 569,808.00
Culpeper County	All Points Broadband	Last Mile - Fixed Wireless	3,800 passing last mile fixed wireless project throughout the county.	\$ 434,249.00
Lancaster County	Broadband Now	Wireless	767 passing fixed wireless project in Lancaster.	\$ 289,185.00
Louisa County	SCS Broadband	Last Mile - Fixed Wireless	602 passing last mile fixed wireless expansion in North Louisa. Includes \$95,590 in matching funds.	\$ 136,000.00
Pulaski County	All Points Broadband	Last Mile - Fixed Wireless	900 passing last mile fixed wireless expansion in Snowville and Hiwassee.	\$ 391,277.00
Roanoke County	B2X	Last Mile - Fixed Wireless	200 passing last mile fixed wireless expansion in Catawba and Vinton.	\$ 702,220.00
Smyth County	SmythNet	Last Mile - Fixed Wireless	Upgrade of last mile fixed wireless network to increase broadband capacity and add 1,024 additional households. Includes \$5,000 in matching funds.	\$ 65,600.00
Spotsylvania County	DataStream	Last Mile - Fixed Wireless	1,000 passing last mile fixed wireless expansion in West Spotsylvania. Includes \$64,800 in matching funds.	\$ 822,360.00
Stafford County	KGI	Last Mile - Fixed Wireless	4,864 passing last mile fixed wireless expansion in West Stafford.	\$ 525,000.00

City of Martinsville	MINet Solutions	Last Mile - Fixed Wireless	Expanded fiber and wireless network to connect 367 unserved student households throughout the city. Also includes 20 public wifi hotspots. Includes \$125,000 in matching funds.	\$ 502,344.00
Amelia County	Mid-Atlantic Broadband	Middle Mile	Upgrade of MBC middle mile network in Amelia County to increase broadband capacity. Includes \$8,500 in matching funds	\$ 76,500.00
Brunswick County	Mid-Atlantic Broadband	Middle Mile	Upgrade of MBC middle mile network in Lawrenceville to increase broadband capacity. Includes \$8,500 in matching funds	\$ 76,500.00
Buckingham County	Mid-Atlantic Broadband	Middle Mile	Upgrade of MBC middle mile network in Buckingham to increase broadband capacity. Includes \$8,500 in matching funds	\$ 76,500.00
Cumberland County	Mid-Atlantic Broadband	Middle Mile	Upgrade of MBC middle mile network to increase broadband capacity. Includes \$8,500 in matching funds	\$ 76,500.00
Lunenburg County	Mid-Atlantic Broadband	Middle Mile	Upgrade of MBC middle mile network to increase broadband capacity. Includes \$8,500 in matching funds	\$ 76,500.00
Mecklenburg County	Mid-Atlantic Broadband	Middle Mile	Upgrade of MBC middle mile network to increase broadband capacity in South Hill. Project will also bandwidth for VCU Health Community Memorial Hospital.	\$ 279,000.00
Nelson County	Firefly Fiber Broadband	Middle Mile	Fiber backhaul to Sugarloaf Mountain Tower to improve fixed and cellular wireless capacity. Includes \$15,000 in matching funds.	\$ 80,000.00
Nottoway County	Mid-Atlantic Broadband	Middle Mile	Upgrade of MBC middle mile network to increase broadband capacity. Includes \$8,500 in matching funds	\$ 76,500.00
Nottoway County	AT&T / Verizon	Mobile Hotspots	395 mobile hotspots for unserved students.	\$ 77,492.00
Prince William County	Verizon/AT&T	Mobile Hotspots	Mobile hotspots for 4,000 low-income households with students.	\$ 1,226,786.00
Halifax County	Mid-Atlantic Broadband	Public Wifi Hotspot	Public wifi hotspot at the SOVA Innovation Hub in South Boston. Includes \$5,000 in matching funds.	\$ 45,000.00

City of Hampton	n/a	Public Wifi Hotspots	5 public wifi hotspots at community centers and libraries, each of which can support 512 concurrent users.	\$ 21,871.00
City of Virginia Beach	n/a	Public Wifi Hotspots	2 public wifi hotspots at the Pungo Public Library and the Virginia African American Cultural Center, each of which can support 250 concurrent users.	\$ 49,286.00
Lancaster County	n/a	Public Wifi Hotspots	8 public wifi hotspots throughout the county, each of which can support 250 users.	\$ 182,144.00
Loudoun County	n/a	Public Wifi Hotspots	2 public wifi hotspot at the Loudoun Valley and Lovettsville Community Centers, with each supporting 256 concurrent users.	\$ 28,400.00
Mathews County	n/a	Public Wifi Hotspots	8 public wifi hotspots, each of which can support 250 users. Project also includes 25 hotspots and routers for the Mathews County Library.	\$ 212,841.00
Mecklenburg County	Lake Country Internet Service	Public Wifi Hotspots	Free public wifi for Chase City and improved fiber backhaul to towers, which can support 100 unlimited connections. Includes \$7,500 in matching funds.	\$ 125,000.00
Page County	n/a	Public Wifi Hotspots	8 public wifi hotspots, which will placed in unserved parts of the county and can each serve 25 users concurrently. Includes \$5,000 in matching funds.	\$ 78,800.00



FCC Form 683

Application for Rural Digital Opportunity
Fund Phase I Support

Auction 904

Instructions

OMB Control No. 3060-1256

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Instructions Notations

Internal and external links to additional reference material use different colors and underlines depending on whether the link has been visited or based on the format being accessed (e.g., PDF, eBook (.mobi), or iBook (.epub)).

- Links to external web-based references appear as [blue hyperlinks](#) (e.g., [Auction 904 Procedures Public Notice](#), [Rural Digital Opportunity Fund Order](#), etc.)
- *Italicized items in red* indicate different screens in the FCC Form 683 filing interface
- Terms in **Green** refer to buttons and links in the form that must be clicked to confirm a selection
- Terms in **Purple** indicate where attachments may need to be uploaded

RURAL DIGITAL OPPORTUNITY FUND PHASE I (AUCTION 904) LONG-FORM APPLICATION (FCC FORM 683) FILING INSTRUCTIONS

1. INTRODUCTION

The Rural Digital Opportunity Fund Phase I (Auction 904) long-form application, or FCC Form 683, is designed to obtain information from long-form applicants that will be used to determine whether a long-form applicant is qualified to be authorized to receive Rural Digital Opportunity Fund auction support. Long-form applicants must provide the information detailed below and in the [Auction 904 Procedures Public Notice](#)¹ on FCC Form 683 in order to be authorized to receive support.

1.1 Filing Deadlines

Each winning bidder is required to file a post-auction application for support, also referred to as FCC Form 683. FCC Form 683 is divided into two portions – the Divide Winning Bids portion and the long-form application portion. Each winning bidder is required to file an FCC Form 683 to become authorized to receive support. Prior to completing the long-form application portion, a winning bidder may assign its winning bids among related entities. If a winning bidder apportions its winning bids among one or more related entities, those entities will be required to file the long-form application portion of an FCC Form 683 for those winning bids as described below. A winning bidder will be responsible for completing the long-form application portion of FCC Form 683 for any winning bids that it does not assign to a related entity.

The Divide Winning Bids filing window will open at 10:00 a.m. Eastern Time (ET) on Wednesday, December 9, 2020, and close at 6:00 p.m. ET on Tuesday, December 22, 2020. During this window, a winning bidder has the option of assigning each of its winning bids to related entities using the FCC Form 683. A winning bidder that wants to assign its winning bids to related entities must submit the Divide Winning Bids portion of the FCC Form 683 electronically via the Auction Application System. **The Divide Winning Bids portion of the FCC Form 683 must be submitted and confirmed prior to 6:00 p.m. ET on Tuesday, December 22, 2020.** A winning bidder that does not want to assign some or all of its winning bids to related entities need not participate in this process and may ignore this portion of FCC Form 683. A winning bidder that does not timely submit the Divide Winning Bids portion of the FCC Form 683 by this deadline will be required to complete the long-form application portion of FCC Form 683 for all its winning bids.

After the Divide Winning Bids filing window has closed and Commission staff has verified that winning bids have been assigned to permissible entities, the long-form application filing window will be opened for applicants—winning bidders that retained any of their bids, as well as all entities that are assigned winning bids by a winning bidder—to submit the long-form application portion of FCC Form 683 via the Auction Application System. This filing window will open at 10:00 a.m. ET on Thursday, January 14, 2021, and close 6:00 p.m. ET on Friday, January 29, 2021. **The long-form application portion of the FCC Form 683 must be submitted and confirmed prior to 6:00 p.m. ET on January 29,**

¹ See *Rural Digital Opportunity Fund Phase I Auction Scheduled for October 29, 2020; Notice and Filing Requirements and Other Procedures for Auction 904*, AU Docket No. 20-34, Public Notice, 35 FCC Rcd 6077 (2020) (*Auction 904 Procedures Public Notice*).

2021. The information that must be submitted by this initial long-form application filing deadline includes:

- Applicant information, including legal classification, name, jurisdiction of formation, address, contact information, and responsible individual
- Whether the applicant has already been designated as an eligible telecommunications carrier (ETC) for all of the eligible census blocks in a winning bid(s)
- Whether the applicant is required to submit audited financial statements during the long-form application process and whether it seeks confidential treatment of those financial statements
- For each state in which winning bids were made, an initial project overview that describes at a high-level the applicant's intended technology and system design
- For each state in which winning bids were made, a project funding description that explains how necessary construction will be funded
- Spectrum access description(s) demonstrating the applicant has sufficient access to spectrum in each state
- Agreement information, including providing and/or updating information regarding any agreements relating to the applicant's participation in Auction 904
- Ownership information, including providing and/or updating information regarding parties that have an ownership or other interest in the applicant and associated Commission-regulated businesses
- Various certifications, including certifications regarding the applicant's compliance with statutory and regulatory requirements; financial and technical qualifications; available funds; compliance with the relevant public interest obligations and ETC requirements; and spectrum access, if applicable

There are also a number of filing deadlines for information that can be submitted after the initial long-form application filing window has closed. Each of these requirements will be discussed in more detail below. Starting at 10:00 a.m. ET on Thursday, January 14, 2021, long-form applicants will be able to submit this information in their FCC Form 683s. Specifically, **the following information must be uploaded to the FCC Form 683, and the FCC Form 683 must be submitted and confirmed prior to 6:00 p.m. ET on the following dates:**

- **Monday, February 15, 2021:**
 - For each state in which winning bids were made, a detailed description of the technology and system that will be used to meet the Auction 904 public interest obligations, including a network diagram certified by a professional engineer meeting the relevant requirements
 - A letter for each applicable state from a bank acceptable to the Commission committing to issue an irrevocable stand-by letter of credit meeting the relevant requirements to the long-form applicant
- **Monday, June 7, 2021:**
 - For each state in which winning bids were made, appropriate documentation of the long-form applicant's high-cost ETC designation and a letter from an officer of the company certifying that the ETC designation covers all the relevant areas
 - One year of audited financial statements if audited financial statements were not submitted in the short-form application by the long-form applicant or a related entity
- **No later than 10 business days after a public notice announcing the long-form**

applicant is ready to be authorized to receive support in a state:

- A letter of credit meeting the relevant requirements for each state where the long-form applicant is ready to be authorized
- A bankruptcy opinion letter from legal counsel for each letter of credit meeting the relevant requirements

As discussed below, after each portion of an FCC Form 683, as applicable, has been submitted, a confirmation screen will appear. The confirmation screen will display the submission time and date, and, for the long-form application portion, a unique file number. Late applications or unconfirmed submissions will not be accepted.

You may make changes that do not constitute major changes as described in Section 6.9, “Updating an Existing Long-Form Application” to any portion of FCC Form 683 at any time during the applicable filing windows. Applicants are strongly encouraged to file early and are responsible for allowing adequate time for filing their applications. **Information in an application will not be considered by the Commission unless you click on the CERTIFY & SUBMIT button on the *Certify & Submit* screen in the Auction Application System after providing or updating the information required in FCC Form 683.** To reduce the risk of technical complications, do not click the **CERTIFY & SUBMIT** button more than once while waiting for your application submission to go through.

Note: Certain information disclosed in the application will remain non-public. See Section 7, “Public Availability of Application Information” for additional information.

1.2 Auction Forfeiture

Winning bidders or long-form applicants that have been assigned winning bids during the Divide Winning Bids stage will be subject to a forfeiture in the event of a default before they are authorized to begin receiving support. A winning bidder or long-form applicant will be considered in default and will be subject to forfeiture if it fails to timely file a long-form application, fails to meet the document submission deadlines, is found ineligible or unqualified to receive Rural Digital Opportunity Fund support by the Bureau on delegated authority, and/or otherwise defaults on its winning bids or is disqualified for any reason prior to the authorization of support. We expect long-form applicants to expeditiously complete their applications and respond in a timely manner to staff requests for additional or missing information. Any determination of default by the Bureau shall be final, and a winning bidder or long-form applicant shall have no opportunity to cure through additional submissions, negotiations, or otherwise.

In the event of an auction default, a base forfeiture per violation of \$3,000 may be imposed as adopted in paras. 114-17 of the [Rural Digital Opportunity Fund Order](#). So that this base forfeiture amount is not disproportionate to the amount of a winning bidder’s bid, the Commission has limited the total base forfeiture to 15% of the bidder’s total assigned support for the bid for the support term. Notwithstanding this limitation, the total base forfeiture will also be subject to adjustment upward or downward based on the criteria set forth in the Commission’s forfeiture guidelines.² A violation is defined as any form of default with respect to the minimum geographic unit eligible for bidding. In other words, there shall be separate apparent violations for each census block group assigned in a bid.

² See 47 U.S.C. § 503(b)(2)(B); 47 CFR § 1.80(b)(8), note to paragraph (b)(8).

1.3 Minimum Software Requirements

You must complete and submit an application via the Internet using a personal computer or equivalent device. **Currently, devices that use Apple® Mac OS® are not supported. Smart phones and tablets are also not currently supported.** A web browser must be used to access the Auction Application System. The following web browsers are compatible with the Auction Application System:

- Mozilla® Firefox®;
- Google Chrome® 46.0.2490.80 or higher; or
- Microsoft® Internet Explorer 9.0 or higher (compatibility mode is not supported; if you use an Internet Explorer browser, you must turn off compatibility mode in your browser's settings).

However, for optimal performance, Commission staff recommends the use of either Mozilla® Firefox® or Google Chrome®.

- A PDF viewer is also required. Adobe Acrobat Reader 5.0 or higher is recommended (available at no cost at www.adobe.com).
- The minimum screen resolution for the Auction Application System is 1024 x 768.

2. LOGGING IN

To submit an FCC Form 683, open a web browser and navigate to auctions.fcc.gov (primary location) or auctions2.fcc.gov (secondary location). A long-form applicant must have an FCC Registration Number (FRN) and password to log in to the FCC's Auction Application System and complete FCC Form 683. During the filing window for completing the Divide Winning Bids portion of FCC Form 683, only winning bidders will be able to log in to FCC Form 683. During the filing window for completing the long-form application portion of FCC Form 683, winning bidders and long-form applicants that were assigned winning bids may log in to FCC Form 683. A winning bidder must log in using the same applicant FRN and password that was used in creating and filing the winning bidder's FCC Form 183 short-form application. A long-form applicant that was assigned winning bids by a winning bidder during the Divide Winning Bids stage must use the FRN that was identified for the long-form applicant entity during the Divide Winning Bids stage (i.e., such a long-form applicant should not use the winning bidder's FRN).

On the *Auction Application System* screen, enter the winning bidder or long-form applicant's FRN and password, as applicable, and click the **LOG IN** button, which will take you to the *My Auctions Page* screen. On this screen, you may create a new or modify an existing FCC Form 683 by clicking on the **Click here for FCC Form 683** link, which is under the "Connect America Fund/Rural Digital Opportunity Fund" heading. This will take you to the *Auction Application Manager* screen. Select the **Auction 904** link to begin, review, modify, or withdraw an application. Please allow up to several minutes for your application to load when you create a new application, or access a draft application you have already created to review or modify it, particularly if the long-form applicant has a large number of ownership entries. To avoid technical complications, do not click the link more than once while waiting for the application to load.

3. NAVIGATION

You may access any of these screens by clicking the link for the application section you want to reach in the navigation pane on the right side of the screen titled “Application Sections.”³ To expand a group of screens, click on the **triangle (◀)** to the right of the section title. When you click on the relevant section, you will be redirected to that section of the application. When a cursor passes over a clickable item, the cursor will turn into a hand icon.

A long-form applicant is required to complete certain sections of the form that will display automatically depending on the information it provided in earlier portions of the form. For example, a corporate applicant, unlike a general partnership applicant, must identify a corporate officer or director responsible for the application (the “responsible party”). If the long-form applicant is a general partnership, no additional information is needed regarding an additional responsible party, and screens requesting responsible party information will not appear. However, if the long-form applicant is a corporation, subsequent screens in FCC Form 683 will ask for responsible party information.

³ To reduce the risk of technical complications, you are encouraged to click buttons on the individual application pages/screens and in the navigation windowpane only once while navigating through the form.

4. HELP AND COMMON QUESTIONS

Help in filling out FCC Form 683 is available in two ways through the Auction Application System: (1) by clicking on the **Help** link located in each section of the application and in the upper right corner of each screen, which will open Auction Application Online Filing Help; or (2) by clicking on the text of any **Common Questions** links appearing on the right side of the screen. The common questions may differ from screen to screen because the common questions are linked to the information that must be supplied on that application screen. If you need further information or guidance beyond what is provided by these sources, use the contact information provided in Section 8.2, "Contact Information," of these instructions.

5. DIVIDE WINNING BIDS PORTION OF FCC FORM 683

Winning bidders will have the option to assign winning bids to related entities prior to the opening of the filing window for the long-form application portion of FCC Form 683 using *Divide Winning Bids* screens. At this stage, only winning bidders will be able to log into an FCC Form 683 using the FRN that they used to file their short-form applications and complete this step. **Winning bidders that intend to file a long-form application for all their winning bids (i.e., do not intend to assign their winning bids to other entities) do not need to participate in this process.** In such circumstances, subject to one limited exception, the winning bidder must file the long-form application in its own name, be designated as the ETC to serve the relevant areas, be named in the requisite letter(s) of credit, and fulfill the public interest obligations associated with receiving Rural Digital Opportunity Fund support.

For administrative convenience, if a winning bidder is a holding/parent company that has multiple operating companies in a state and intends to assign its winning bids to multiple operating companies in a state, it may choose one of those entities to be the lead operating company. In such circumstances, the winning bids should be assigned to that lead operating company, the long-form application should be filed in the name of the lead operating company, the letter of credit should be in the name of the lead operating company, and payments will be made to the study area code associated with the lead operating company. However, the long-form application must identify which operating companies will meet the public interest obligations for which census block groups and documentation must be submitted that demonstrates that each of the operating companies has an ETC designation covering the relevant census block groups.

The following sections provide more detailed instructions on how to fill out and provide the information required on the *Divide Winning Bids* screens.

5.1 Answer Divide Winning Bid Question and Identify FRN(s)

Winning bidders that participate in the Divide Winning Bids process must respond “Yes” or “No” to indicate whether the winning bidder is dividing its winning bids among one or more operating companies, members of a consortium, or other related entity.⁴

A related entity means an entity that is controlled by the winning bidder or is a member of (or an entity controlled by a member of) a consortium/joint venture of which the winning bidder is also a member. A controlling interest is defined as an individual or entity with positive or negative *de jure* or *de facto* control. Section [1.2105\(a\)\(4\)\(i\)](#) of the Commission’s rules defines *de jure* and *de facto* control. Thus, if a holding/parent company is a winning bidder in Auction 904, this company may designate one or more operating companies under its control to complete the long-form application to receive Rural Digital Opportunity Fund support for some or all of the winning bids in a state. If a consortium/joint venture is a winning bidder in Auction 904, the entity may designate one or more members (or an entities controlled by members of) the consortium/joint venture to complete the long-form application to receive Rural Digital Opportunity Fund support for some or all of the winning bids in a state.

⁴ As noted above, only winning bidders that intend to assign their winning bids are required to participate in the Divide Winning Bids process.

Note: A winning bidder may assign winning bids to only the operating companies or consortium/joint venture members that were either (a) named in the short-form application or (b) formed after the short-form application filing deadline (i.e., July 15, 2020), and are controlled by the winning bidder or one or more of its members. The Auction Application System will not permit a winning bidder to assign its winning bids to another winning bidder.

If you respond “**No**,” no further action is needed on this page. Winning bidders that do not divide their bids amongst related entities will be required to submit the long-form application portion of FCC 683 for all their winning bids by the long-form application filing deadline. In such circumstances, subject to the limited exception described above for multiple operating companies within a state, the winning bidder must file the long-form application in its own name, be designated as the ETC to serve the relevant areas, be named in the requisite letter(s) of credit, and fulfill the public interest obligations associated with receiving Rural Digital Opportunity Fund support.

If you respond “**Yes**,” you must enter the FRN of each such entity by clicking the **ADD** button. The winning bidder’s FRN will be automatically populated into the form. If a related entity does not have an FRN, the entity may obtain an FRN by registering through the Commission Registration System (CORES), which can be accessed on the Commission’s website at: www.fcc.gov/core. Upon registration, the entity will be assigned an FRN.

After adding all the relevant FRNs, click the **SAVE & CONTINUE** button to proceed.

5.2 Associate Winning Bids to FRN

For each winning bid that you wish to assign to another entity, you must associate that entity’s FRN with the winning bid. You may assign winning bids to more than one entity, but you may not assign a single winning bid to more than one entity. Thus, you may not apportion among multiple entities either 1) eligible census blocks within a winning bid for a census block group, or 2) separate census block groups within a winning package bid.⁵

Subject to the limited exception described above for multiple operating companies within a state, the entity seeking authorization for Rural Digital Opportunity Fund support for a winning bid must file the long-form application in its own name, must be designated as the ETC to serve the relevant areas, must be the entity that is named in the letter(s) of credit, and must be the entity that fulfills the public interest obligations associated with receiving Rural Digital Opportunity Fund support.

To associate a winning bid with an entity, select the checkbox next to each winning bid that you want to associate with a single entity, select the entity’s FRN from the dropdown menu below the list of winning bids, and click the **ASSOCIATE SELECTED WINNING BIDS TO FRN** button. To associate all the winning bids with one entity, click the **SELECT ALL BIDS** button above the list of winning bids.

⁵ For example, assume a winning bidder has three winning bids—package bid A, package bid B, and single bid (i.e., one census block group) C. The winning bidder could assign package bid A to one related entity, package bid B to another related entity, and single bid C to a third entity. The winning bidder could not assign some census block groups from package bid A to one related entity and then the remaining census block groups from package bid A to another entity. The entire package bid must be assigned to one related entity. Similarly, the winning bidder could not assign some eligible census blocks from single bid C to one entity and then the remaining eligible census blocks from single bid C to another related entity. The entire census block group covered by the single winning bid must be assigned to one related entity.

You can filter the list of winning bids that appear on the screen by selecting an FRN of a related entity and/or a state and clicking the **SHOW FILTERED** button. To associate all the filtered winning bids with one entity, click the **SELECT ALL FILTERED BIDS** button above the list of winning bids, select the entity's FRN from the dropdown menu below the list of winning bids, and click the **ASSOCIATE SELECTED WINNING BIDS TO FRN** button. To clear your selected filters, click the **Clear All Filters** link.

To add or remove FRNs for related entities, click the **Add or remove FRNs** link, and you will be brought back to the *Dividing Winning Bids Question* screen.

After associating all the winning bids, click the **CONTINUE** button.

5.3 Divide Winning Bids Summary

The *Divide Winning Bids Summary* screen displays the winning bids you have associated with another entity or kept with yourself (the winning bidder). You can filter the list of winning bids that appear by selecting an FRN of a related entity and/or a state and clicking the **SHOW FILTERED** button. To clear your selected filters, click the **Clear All Filters** link. You can also sort this information by any column in ascending or descending order by clicking on the column title.

After reviewing the *Divide Winning Bids Summary* screen, click the **CONTINUE** button to proceed.

5.4 Summary and Error Review

The *Summary* screen summarizes the information provided in the previous *Divide Winning Bids* screens. This screen will appear prior to the *Certify & Submit* screen and allows you to review the information you entered on previous screens and to check for inconsistencies or omissions in the information entered.

The *Summary* screen lists the sections of the Divide Winning Bids portion of the FCC Form 683 and displays any error and warning messages for each section. If errors are detected, you can click on the application section link and section name, and then make any necessary corrections. An error or warning message will be removed once it is corrected. When all errors have been corrected, click the **CONTINUE TO CERTIFY** button. You will not be able to proceed to the *Certify & Submit* screen if any error messages appear on the *Error Summary* screen, but you may submit an application with warning messages.

Each winning bidder is solely responsible for providing complete and accurate information in the Divide Winning Bids portion of the FCC Form 683. The automated check for errors is provided to assist winning bidders in completing the Divide Winning Bids portion of the FCC Form 683. However, the automated check may not catch all errors, and a winning bidder cannot rely on the automated check to determine the completeness or the accuracy of submitted information. In addition, although you will be able to proceed to the *Certify & Submit* screen even if you receive a warning message, you should try to address or correct any issues identified in a warning before submitting your application, if possible. You should not assume that the ability to certify and submit the Divide Winning Bids portion of the FCC Form 683 with a warning message indicates that the subject of the warning will not affect whether the winning bidder will be deemed to have permissibly divided its winning bids.

If the automated check does not reveal certain inconsistencies or omissions, each application section will display the message "No errors" with a green checkmark. Once this happens, you may then click the **CONTINUE TO CERTIFY** button.

5.5 Certify and Submit

The *Certify & Submit* screen provides several certifications required of all winning bidders that complete the Divide Winning Bids portion of FCC Form 683. The *Certify & Submit* screen also requests that the winning bidder's certifying official be identified and sign the application.

The Divide Winning Bids portion of the FCC Form 683 must be certified by a person with the authority to bind the winning bidder. Applicants are reminded that submission of an FCC Form 683 constitutes a representation by the person certifying that he or she is an authorized representative of the winning bidder with the authority to bind the winning bidder and has read the form's instructions and certifications. Submission of an FCC Form 683 also constitutes a representation by the person certifying that the contents of the application, its certifications, and any attachments are true, complete, and correct. Submission of a false certification may result in penalties, including monetary forfeitures, license forfeitures, ineligibility to participate in future auctions, and/or criminal prosecution.⁶

Once the *Certify & Submit* screen has been filled out, click on the **CERTIFY & SUBMIT** button to submit the Divide Winning Bids portion of the application. Information in this portion of an application will not be considered by the Commission unless the winning bidder's certifying official clicks the **CERTIFY & SUBMIT** button on this screen. Please allow up to several minutes for processing once you click the **CERTIFY & SUBMIT** button. To avoid technical complications, do not click the **CERTIFY & SUBMIT** button more than once while waiting for the system to process your submission.

After the Divide Winning Bids portion of the FCC Form 683 has been submitted, a confirmation screen will be displayed that states the submission time and date. The winning bidder is strongly encouraged to print or save a copy of the confirmation page for its records. The winning bidder may view and print copies of the submitted Divide Winning Bids portion of its application by clicking the **Print** link in the upper right of the screen.

The Divide Winning Bids portion of the FCC Form 683 must be submitted and confirmed **prior to 6:00 p.m. ET on Tuesday, December 22, 2020. Late applications or unconfirmed submissions will not be accepted.**

5.6 Updating an Existing Divide Winning Bids Application

The *Review or Modify Existing Long-Form Applications* section of the *Auction Application Manager* screen displays any application created or submitted within an application filing window. This screen shows which auction the application was filed for, the application status, the date and time the application was last modified, and the date and time the application was last submitted. It may be used as a reference to confirm the date and time of the most recent submission of the application.

To review or continue working on the Divide Winning Bids portion of an existing application, click the auction number for the application you want to review or modify (i.e., click on "904" for your Rural Digital Opportunity Fund auction application). To submit any changes made to FCC Form 683, go to the *Certify & Submit* screen and click the **CERTIFY & SUBMIT** button. After the revised application has been submitted, a confirmation page will display the submission time and date. A winning bidder is strongly encouraged to print or save a copy of the confirmation page for its records. You may view and print copies of the Divide Winning Bids portion of the FCC Form 683 by clicking on the **Print** link in the upper right of the screen.

⁶ 18 U.S.C. § 1621.

6. LONG-FORM APPLICATION PORTION OF FCC FORM 683

After the Divide Winning Bids filing window has closed and Commission staff has verified that winning bids have been assigned to permissible entities, all winning bidders that have retained some or all their winning bids, as well as all entities that were assigned winning bids during the Divide Winning Bids process described above, must submit the long-form application portion of the FCC Form 683. You must provide information or responses to questions on a series of screens within the long-form application portion of the FCC Form 683 or update pre-filled information to the extent necessary. Below is an overview of the different screens and the information that must be submitted on each. The sections following this summary provide more detailed instructions on how to fill out and provide the information required on each screen.

Overview

- *Applicant Information* screens:
 - Provide or update (to the extent necessary) pre-filled information about the long-form applicant, including its legal classification, contact information, and responsible party (if applicable)
 - Identify the winning bids for which the long-form applicant has already been designated as an Eligible Telecommunications Carrier (ETC) for all the eligible census blocks in a winning bid(s)
 - Identify whether the long-form applicant is required to submit audited financial statements during the long-form application process and whether it seeks confidential treatment of those statements
- *Winning Bids Attachments* screen:
 - Upload the required information for specific winning bids, including information related to ETC designation, the initial project overview, the technology and system design, project funding, spectrum access, and letters of credit
 - Associate attachments with all winning bids or all winning bids in a state
- *Winning Bids Summary* screen:
 - Provides a summary of the winning bids associated with the long-form application, including the state, items (i.e., census block groups), ETC designation status, and status of support
- *Agreements* screens:
 - Identify and provide or update (to the extent necessary) pre-filled information, if applicable, about each auction-related agreement to which the long-form applicant is a party
- *Ownership* screens:
 - Provide or update (to the extent necessary) pre-filled information regarding parties that have an ownership or other interest in the long-form applicant and associated Commission-regulated businesses

- **Application Summary** screen:
 - Review the results of the system’s automated check for certain inconsistencies and omissions in the application
- **Application Attachments** screen:
 - Upload required information that is not related to specific winning bids, including information related to agreements, audited financial statements, and indirect ownership
- **Certify & Submit** screen:
 - Review and make the required certifications
 - Submit the application

Prefilled Information

If the long-form applicant is the winning bidder that filed the FCC Form 183 short-form application, the FCC Auction Application System will prefill certain categories of information from the winning bidder’s FCC Form 183 short-form application into its FCC Form 683 long-form application. Such information will not be prefilled in a long-form applicant’s FCC Form 683 long-form application if that long-form applicant was not a winning bidder and was instead assigned winning bids during the Divide Winning Bids stage. The long-form applicant is solely responsible for ensuring that all information contained in a submitted application is accurate, updated and complete.

Information will prefill in the following sections of each winning bidder’s FCC Form 683 long-form application: Applicant Information (including legal classification, applicant name, jurisdiction of formation, applicant’s address, responsible party, and contact person), Agreements, and Ownership. All long-form applicants that have filed an FCC Form 175 or FCC Form 602 may also have ownership information that has been prefilled from that form, regardless of whether the applicant was a winning bidder.

Moreover, any attachments that were uploaded to a winning bidder’s FCC Form 183 short-form application using the Agreement or Indirect Ownership attachment “Types” **will be uploaded** to the FCC Form 683. You will not be able to delete these attachments, so if you have any changes to these attachments you **should upload a new attachment** using the relevant attachment “Type” and explain the changes. Please note that any other attachments that a winning bidder may have submitted with the FCC Form 183 will NOT be carried over to the FCC Form 683.

To the extent that any information required for FCC Form 683 was provided in an attachment to a winning bidder’s short-form application and no FCC Form 683 data field exists to provide that information, such information should be provided as an attachment to the winning bidder’s FCC Form 683. If an FCC Form 683 data field is provided, responsive information must be inserted in the proper data field of the form, not in an attachment. Attachments that apply to the entire application, and are not specific to any specific winning bid, **can be uploaded** at any screen by clicking on the **Attachments** link at the top of the screen.

6.1 Applicant Information

On the *Applicant Information* screens, you must provide or update (to the extent necessary) the information listed below. Following this list, more guidance is provided on how to fill out some of these items.

- the long-form applicant's legal classification (e.g., corporation, general partnership, etc.)
- the long-form applicant's name
- jurisdiction of formation
- the long-form applicant's address (physical location; a P.O. Box is not permitted)
- the name, title, and contact information of the long-form applicant's responsible individual (unless the long-form applicant selects general partnership as its legal classification/entity type)
- the name, address, telephone and fax number, and email address of a contact person who will communicate with the Commission regarding the long-form applicant's FCC Form 683
- whether the long-form applicant is an ETC for all the eligible census blocks in the winning bids associated with the long-form applicant
- whether the long-form applicant or a related entity submitted audited financial statements with its short-form application
- whether the long-form applicant requests confidential treatment of the financial statements submitted with its long-form application, if applicable

Applicant Legal Classification

You must indicate the long-form applicant's legal classification on the *Applicant Legal Classification* screen before continuing to subsequent screens because the selected legal classification will determine which subsequent screens will appear. For example, a long-form applicant registering as a "General Partnership" will enter information that is different from the information that a long-form applicant registering as a "Corporation" will enter.

If you select "Other" as the long-form applicant's legal classification, a text box will open in which you must describe the long-form applicant's legal classification. For any text box in which the long-form applicant can or is required to enter information, you should not use any non-ASCII characters or select ASCII characters.

After completing the information requested on the *Applicant Legal Classification* screen, click the **SAVE & CONTINUE** button. Please note that if the long-form applicant changes its legal classification, some of its previously entered applicant information will be deleted as a result of the change and will need to be reentered.

Applicant Name and Applicant Address

You will be required to enter the Entity Name and Jurisdiction of Formation fields on the *Applicant Name/Applicant Address* screen. You must also provide a street address for the long-form applicant. A P.O. Box may not be used. After completing the long-form applicant's name and address information, click the **SAVE & CONTINUE** button.

Responsible Party and Contact Information

The screen that appears after the *Applicant Name/Applicant Address* screen will depend on which legal classification you selected on the *Applicant Legal Classification* screen. For example, if you selected "General Partnership" on the *Applicant Legal Classification* screen, you will be directed to the *Contact Information/Contact Address* screen, where you will be required to provide contact information for an individual who will be sent all correspondence concerning the application. If you selected any other entity type on the *Applicant Legal Classification* screen, you will first be directed to the *Responsible Party* screen, where you will be required to provide information for an individual deemed to be the responsible party for the application. If you selected "Corporation" on the *Applicant Legal Classification* screen, you will be required to provide the name, title, and email address, but not street address, for the long-form applicant's responsible party. After completing the *Responsible Party* screen, you will be directed to the *Contact Information/Contact Address* screen.

To simplify filling out FCC Form 683, a long-form applicant that has the same address as its contact person or responsible party can click on the **COPY APPLICANT ADDRESS** button to automatically fill in the contact person's or responsible party's address. A P.O. Box may not be used for a contact person's or responsible party's address. The **COPY APPLICANT ADDRESS** button is not available if the long-form applicant's location is outside of the United States. A fax number may be used for a variety of purposes, including as a backup for communicating with the long-form applicant in the event other means of communication are unavailable (if the contact person does not have a fax number, you may provide the contact person's telephone number in the fax number field). After entering the contact person's or responsible party's name, address, and other required information, click the **SAVE & CONTINUE** button.

Commission staff will communicate only with a long-form applicant's contact person or certifying official, as designated on the long-form applicant's FCC Form 683, unless the long-form applicant's certifying official or contact person notifies the Commission in writing that the long-form

applicant's counsel or other representative is authorized to speak on its behalf. Authorizations may be sent by email to auction904@fcc.gov.

Winning Bids Eligible Telecommunications Carrier Designation

On the *Winning Bids ETC Designation* screen, you must identify the winning bid(s) for which you have been designated as a high-cost Eligible Telecommunications Carrier (ETC) for *all* the eligible census blocks in that winning bid. Subject to the limited exception where there are multiple operating companies in a state as described in Section 5, "Divide Winning Bids Portion of FCC Form 683," the long-form applicant must be the entity that is designated as the ETC. A long-form applicant must obtain a high-cost ETC designation from either a state public utility commission pursuant to section 214(e)(2) of the Act, or, if the relevant state lacks jurisdiction over the entity, from the Federal Communications Commission pursuant to section 214(e)(6) of the Act.⁷ See the [ETC Public Notice](#) for more information on obtaining an ETC designation from the Federal Communications Commission. **A long-form applicant must have obtained its ETC designation(s) for all areas where it seeks to be authorized to receive support and submitted the required documentation prior to 6:00 p.m. ET on Monday, June 7, 2021.**

35. In the event a long-form applicant determines that it will be unable to obtain the necessary ETC designations within 180 days, it should upload a petition for waiver of the deadline to its FCC Form 683 and in AU Docket No. 20-34 at <https://www.fcc.gov/ecfs/filings>. The Commission has found that it would be appropriate to waive the 180-day timeframe if the long-form applicant is able to demonstrate that it has engaged in good faith efforts to obtain an ETC designation, but the proceeding is not yet complete. A waiver of the 180-day deadline would be appropriate if, for example, an entity has an ETC application pending with a state and the state's next scheduled meeting at which it would consider the ETC application will occur after the 180-day window. When considering waivers of the 180-day timeframe for obtaining ETC designation, we will presume that an entity acted in good faith if the entity files its ETC application **within 30 days** of the release of the Auction 904 Closing Public Notice.

To identify the winning bid(s) for which the long-form applicant has been designated as a high-cost ETC, you must select the checkbox next to each such winning bid and click the **SAVE** button. **You should only select the checkbox next to the winning bid if the long-form applicant has already been designated as a high-cost ETC in all of the eligible census blocks in that winning bid.** A lifeline-only ETC designation is not sufficient. To select all the winning bids, click the **SELECT ALL ITEMS** button, and to unselect all winning bids, click the **UNSELECT ALL ITEMS** button. This winning bids and states can be sorted by any column in ascending or descending order by clicking on the column title.

To **upload the required documentation and certification letter** for the ETC designation(s), click the **Eligible Telecommunications Carrier Attachment(s)** link and the **Eligible Telecommunications Carrier Certification Letter Attachment(s)** links on the top of the screen or go to the *Winning Bids Attachments* screen. More information about this required documentation and certification letter is described in Section 6.2, "Winning Bids Attachments" below.

If the long-form applicant has already obtained a high-cost ETC designation that covers all the relevant areas in the state by the January 29, 2021 long-form application deadline, you should submit the required ETC documentation and certification letter with the long-form application so that Commission staff can expeditiously verify the applicant's ETC status in that state. If the long-form applicant has obtained a high-cost ETC designation for only some of the relevant areas in a state, Commission staff will not verify the applicant's ETC status in a state until the applicant has submitted the required documentation and certification letter for all the areas in the state.

⁷ 47 U.S.C. §§ 214(e)(2), (6).

Once you have identified the winning bids for which you have a high-cost ETC designation that covers all the eligible census blocks in the winning bid, click the **SAVE & CONTINUE** button.

If you have not been designated as an ETC in the relevant areas prior to the long-form application filing deadline, you must obtain an ETC designation in each such area, select the checkbox next to each relevant winning bid, **upload the required documentation and certification letter**, and re-submit and certify the FCC Form 683 **prior to 6:00 p.m. ET on Monday, June 7, 2021**.

Financial Statements

On the **Financial Statements** screen, you must respond “**Yes**” or “**No**” to indicate whether the long-form applicant or related entity submitted audited financial statements with its short-form application. A related entity for purposes of this question means the long-form applicant’s parent company or, if the long-form applicant is a member of a consortium or joint venture, the member of the consortium or joint venture that submitted financial statements with the FCC Form 183 short-form application.

If you answer “**Yes**,” you are not required to submit financial statements with the long-form application portion of FCC Form 683.

If you answer “**No**,” **you must submit, prior to 6:00 p.m. ET on Monday, June 7, 2021**, the financial statements from the prior fiscal year (i.e., 2020 or 2019) that are audited by an independent certified public accountant, including the balance sheets, net income and cash flow, along with an opinion letter from an independent certified public accountant and the accompanying notes. You must submit either: 1) the audited financial statements of the entity that submitted its financial statements in the relevant FCC Form 183 short-form application or 2) the long-form applicant’s own financial statements. Accordingly, if the long-form applicant is a member of a consortium, it should submit the audited financial statements of the consortium member that submitted its unaudited financial statements in the FCC Form 183. If the long-form applicant is an operating company of a holding company that filed an FCC Form 183 on behalf of the long-form applicant, the long-form applicant should submit the audited financial statements of the holding company. A long-form applicant also has the option of submitting its own audited financial statements instead.

To attach the required audited financial statements, click the **Financial Statements Attachment** link or the **Attachments** link on the top of the screen and **upload the financial statements** using the “Financial Statements” attachment “Type” as explained below in Section 6.7, “Application Attachments”.

Any long-form applicant that fails to submit the audited financial statements as required by the deadline will be subject to a base forfeiture of \$50,000, which will be subject to adjustment upward or downward as appropriate based on the criteria set forth in the Commission’s forfeiture guidelines.⁸

You must also indicate, by answering “**Yes**” or “**No**,” whether the long-form applicant requests that the audited financial statements be withheld from public inspection pursuant to section [0.459\(a\)\(4\)](#) of the Commission’s rules as explained below in Section 7, “Public Availability of Application Information”.⁹ You do not need to submit a separate section [0.459](#) confidentiality request if you answer “**Yes**.” **To ensure that the audited financial statements are withheld from public inspection if you respond “Yes,” you must upload the financial statements using the “Financial Statements” attachment “Type” as explained below in Section 6.7, “Application Attachments”.**

⁸ 47 U.S.C. § 503(b)(2)(B); 47 CFR § 1.80(b)(8).

⁹ 47 CFR § 0.459(a)(4).

Once you have responded to the relevant questions on the *Financial Statements* screen, click the **SAVE & CONTINUE** button to proceed.

6.2 Winning Bids Attachments

On the *Winning Bids Attachments* screen, you can **upload all attachments** that are related to specific winning bids and associate them with those winning bids. Attachments that are not bid-specific should be uploaded on the *Application Attachments* screen, as explained in Section 6.7, “Application Attachments.”

The top section of the screen allows you to **upload attachments** that you may associate with your winning bid(s). Attachments may be no larger than 10 MB. Attachments may be uploaded by browsing for the file name or by entering the file name in the File text box. The maximum length of the file name is 232 characters. The following are acceptable file name extension types for FCC Form 683 attachments: .txt, .doc, .docx, .csv, .pdf, .odt, .xls, and .xlsx. You must provide a description for the attachment.

To attach an uploaded file to all winning bids associated with the application, select the **Associate to ALL winning bids** radio button and click the **UPLOAD FILE** button. To attach an uploaded file to all winning bids in a specific state, select the **Associate to winning bids in a specific state** radio button, select the state from the dropdown menu, and click the **UPLOAD FILE** button.

You may select from the following attachment “Types” from the “Type” dropdown menu, which are organized here by when the relevant information must be submitted:

Must be submitted prior to 6:00 p.m. ET on Friday, January 29, 2021:

- **Initial Project Overview:** As described in paragraph 302 of the [Auction 904 Procedures Public Notice](#), a long-form applicant must submit an overview of its intended technology and system design for each state in which winning bids were made.
 - The overview must describe at a high level how the long-form applicant will meet its Rural Digital Opportunity Fund public interest obligations for the relevant performance tier and latency combination(s) using Rural Digital Opportunity Fund support.
 - Because this **overview will be made publicly available**, a long-form applicant should take care not to include any confidential trade secrets and/or confidential commercial information in its overview.
 - The overview should avoid highly technical terminology or jargon unless such language is integral to the understanding of the project.
- **Project Funding Description:** As described in paragraph 312 of the [Auction 904 Procedures Public Notice](#), a long-form applicant must describe how the required construction will be funded in each state.
 - The description should include the estimated project costs for all facilities that are required to complete the project, including the costs of upgrading, replacing, or otherwise modifying existing facilities to expand coverage or meet performance requirements to all required locations.
 - The estimated costs must be broken down to indicate the costs associated with each proposed service area at the state level and must specify how Rural Digital Opportunity Fund support and other funds, if applicable, will be used to complete the project.
 - The description must include financial projections demonstrating that the long-form applicant can cover the necessary debt service payments over the life of any loans.

- All information submitted with this submission will be treated as confidential and will be withheld from routine public inspection as discussed in Section 7, “Public Availability of Application Information” below. **A long-form applicant should upload this information using the “Project Funding Description” attachment “Type” to ensure confidential treatment.**
- **Spectrum Access:** As described in paragraphs 313 and 314 of the [Auction 904 Procedures Public Notice](#), a long-form applicant that intends to use wireless technologies **for any portion of its network** to meet the relevant Rural Digital Opportunity Fund public interest obligations must demonstrate that it currently has sufficient access to spectrum in each state. A long-form applicant must:
 - Identify the spectrum band(s) it will use for the last mile, backhaul, and any other parts of the network and identify for which part of the network it intends to use each spectrum band;
 - Describe the total amount of uplink and downlink bandwidth (in megahertz) that it has access to in each spectrum band for the last mile;
 - Describe the authorizations (including leases) it has obtained to operate in the spectrum, if applicable and provide details about how the licensed service area covers its winning bid areas (e.g., provide a list of geographic areas that the spectrum license covers and describe how those areas related to the winning bid areas); and
 - If the licensee is a different party than the applicant, you should provide the licensee name and describe the relationship between the applicant and the licensee.
 - If the long-form applicant intends to provide service using satellite technology, you should describe its expected timing for applying for earth station license(s) if these licenses have not already been obtained.
 - If the long-form applicant intends to obtain microwave license(s) for backhaul, you should describe its expected timing for applying for microwave license(s) if these licenses have not already been obtained.
 - If an applicant has participated, is participating, or intends to participate in the Auction 105, Auction 107, 2.5 GHz Rural Tribal Priority Window, lower 37 GHz, and 6 GHz proceedings; and use the spectrum to meet its Rural Digital Opportunity Fund public interest obligations, to the extent the proceeding is still ongoing the long-form applicant must indicate the status of its participation (consistent with auction procedures regarding the disclosure of non-public auction-related information) and must provide alternatives for if it does not ultimately obtain a license (if applicable) or is unable to operate in the spectrum in time to meet its interim service milestones. Note: A proceeding is still considered ongoing with respect to an applicant until the applicant is granted the license(s) associated with any winning bids.
 - List the call signs and/or application file numbers and lease numbers associated with the spectrum authorizations, if applicable.

Must be submitted prior to 6:00 p.m. ET on Monday, February 15, 2021:

- **Letter of Credit Commitment Letter:** As described in paragraph 315 of the [Auction 904](#)

[Procedures Public Notice](#), a long-form applicant must submit a letter from a bank acceptable to the Commission, committing to issue an irrevocable stand-by letter of credit to the long-form applicant for each state where it has a winning bid. A long-form applicant with winning bids in multiple states may submit a single commitment letter that covers all of the relevant states as long as it is clear that the letter is applicable to the relevant states.

- The letter of credit commitment letter must be from a bank that meets the Commission's eligibility requirements as set forth in paragraph 107 of [Rural Digital Opportunity Fund Order](#) and section [54.804\(c\)](#) of the Commission's rules.
- The letter must, at a minimum, provide the dollar amount of the letter of credit and the issuing bank's agreement to follow the terms and conditions of the Commission's model letter of credit in Appendix C of the [Rural Digital Opportunity Fund Order](#).
- The letter should commit to issue a letter of credit that covers the first year of support (at a minimum) for that state.
- **Technology and System Design Description**: As described in paragraphs 301-311 of the [Auction 904 Procedures Public Notice](#), a long-form applicant must submit, for each state where it has a winning bid, a detailed description of its technology including a network diagram certified by a professional engineer.
 - The description and network diagram must describe in detail the network to be built or upgraded, demonstrate the project's feasibility, and provide sufficient detail to demonstrate the long-form applicant can meet the Rural Digital Opportunity Fund public service obligations and the service milestones if it becomes authorized to receive support. Paragraphs 301-311 of the [Auction 904 Procedures Public Notice](#) provide guidance on how a long-form applicant can successfully meet this requirement, depending on the types of technologies it proposes to use to meet the Rural Digital Opportunity Fund public interest obligations. Further educational materials regarding this requirement will also be made available on the Auction 904 website, <https://www.fcc.gov/auction/904>.
 - The professional engineer must certify that he or she has reviewed each state network diagram and that the network is capable of delivering, to at least 95% of the required number of locations in each relevant state, voice and broadband service that meets the requisite performance requirements. While it is not necessary for this requirement that the professional engineer have a Professional Engineer license, the certification should describe the professional engineer's qualifications such that the certifier's network design and performance expertise is apparent.
 - Wireless coverage maps should be submitted in ESRI Shapefile format. The component files (including the .SHP, .SHX, .DBF, and .PRJ files) **should be uploaded** in a single compressed .ZIP archive. Recommended standards and data fields will be made available on the Auction 904 website, <https://www.fcc.gov/auction/904>. Long-form applicants will see an error message when they upload the .ZIP archive to the long-form application, but the error will not prevent long-form applicants from submitting their applications provided that the submission occurs prior to the deadline and Commission staff should still be able to access the file. Commission staff will contact a long-form applicant after the filing deadline if there are any issues with the file. The FCC Form 683 attachment size limit is 10 MB.

- All Auction 904 support recipients will be subject to the Commission’s National Security Supply Chain proceeding, including the rule that “no universal service support may be used to purchase, obtain, maintain, improve, modify, or otherwise support any equipment or services produced or provided by any company posing a national security threat to the integrity of communications networks or the communications supply chain.”¹⁰ The prohibition on using universal service funds applies “to upgrades and maintenance of existing equipment and services.”¹¹
- All information submitted with this submission will be treated as confidential and will be withheld from routine public inspection as discussed in Section 7, “Public Availability of Applicant Information” below. **A long-form applicant should upload this information using the “Technology and System Design Description” attachment “Type” from the dropdown list to ensure confidential treatment.**

Must be submitted prior to 6:00 p.m. ET on Monday, June 7, 2021:

- **ETC Designation:** As described in paragraphs 316-317 of the [Auction 904 Procedures Public Notice](#), a long-form applicant is required to submit appropriate documentation of its high-cost ETC designation in all areas for which it will receive support. The long-form applicant must be the entity that is designated as the ETC subject to the limited exception where there are multiple operating companies in a state as described in Section 5, “Divide Winning Bids Portion of FCC Form 683”.
 - Appropriate documentation should include the original designation order, any relevant modifications, e.g., expansion of service area, along with any relevant name-change orders.
 - A long-form applicant is also required to provide documentation showing that the designated areas (e.g., census blocks, wire centers, etc.) cover the relevant winning bid areas, so that it is clear the long-form applicant has a high-cost ETC designation that covers all eligible census blocks in the winning bid(s). Such documentation could include maps of the long-form applicant’s ETC designation area, map overlays of the winning bid areas, and/or charts listing designated areas. **Applicants should also upload a .csv file of the census blocks that are included in the ETC designation order(s).**
- **ETC Certification Letter:** As described in paragraph 316 of the [Auction 904 Procedures Public Notice](#), a long-form applicant is required to submit a letter(s) from an officer of the company certifying that the long-form applicant’s ETC designation for each state covers the relevant areas where the long-form applicant will receive support.

Must be submitted by no later than 10 business days after a public notice announcing that long-form applicant is ready to be authorized in a state(s):

- **Letter of Credit:** As described in paragraph 319 of the [Auction 904 Procedures Public Notice](#) and paragraphs 96-113 of the [Rural Digital Opportunity Fund Order](#), for each state where it will be authorized, a long-form applicant must obtain an irrevocable standby letter of credit from an acceptable bank.

¹⁰ 47 CFR § 54.9(a).

¹¹ *Protecting Against National Security Threats to the Communication Supply Chain through FCC Programs et al.*, WC Docket No. 18-89, Report and Order et al., 34 FCC Rcd 11423, 11453, para. 77 (2019).

- The letter of credit must be issued by a bank that meets the Commission’s eligibility requirements as set forth in paragraph 107 of the [Rural Digital Opportunity Fund Order](#).
- The letter of credit must be issued in substantially the same form as set forth in the model letter of credit provided in Appendix C of the [Rural Digital Opportunity Fund Order](#).
- The long-form applicant must be the entity that is named in the letter(s) of credit.
- The letter of credit must cover the first year of support for that state, at a minimum.
- Before a support recipient can receive its next year’s support, it must modify, renew, or obtain a new letter of credit to increase its value as set forth in paragraphs 96-104 of the [Rural Digital Opportunity Fund Order](#) until it has been verified that the support recipient has met certain service milestones. The support recipient must maintain an open, irrevocable standby letter of credit until it has certified that it offers the required service to 100% of the Connect America Cost Model (CAM)-determined location total by the end of year six (or WCB’s adjusted CAM location count if there are fewer locations) and the Universal Service Administrative Company (USAC) has verified that the build out obligation has been fulfilled. More information about the service milestones and WCB’s recalculation of location totals is provided in paragraphs 45-55 of [the Rural Digital Opportunity Fund Order](#).
- A list of common letter of credit errors is available at <https://www.fcc.gov/file/18256/download>.
- **Letter of Credit Opinion Letter**- As described in paragraph 320 of the [Auction 904 Procedures Public Notice](#), a long-form applicant must provide with its letter(s) of credit an opinion letter(s) from outside counsel. The letter(s) must clearly state, subject only to customary assumptions, limitations, and qualifications, that, in a proceeding under the Bankruptcy Code, the bankruptcy court would not treat the letter(s) of credit or proceeds of the letter(s) of credit as property of the long-form applicant’s bankruptcy estate, or the bankruptcy estate of any other bidder-related entity requesting issuance of the letter of credit, under section 541 of the Bankruptcy Code.¹²

Optional:

- **Waiver**- A long-form applicant seeking waiver of the Commission’s rules pursuant to section [1.3](#) of the Commission’s rules should **upload its petition** using this attachment “Type.” Petitions for waiver should also be uploaded to AU Docket No. 20-34 at <https://www.fcc.gov/ecfs/filings>.
- **Other**- A long-form applicant that wishes to submit information that is not covered under another attachment “Type” should **upload the information** using this attachment “Type.”

The bottom section of the *Winning Bids Attachments* screen lists attachments that you have **uploaded in conjunction** with the attachment “Type.” Additionally, this section displays the date that the attachment was uploaded. You may view the attachments by clicking the **file name** link in the “File Name” column and delete attachments from this section of the screen by clicking the **REMOVE** button in the “Actions” column.

After you have **uploaded all the relevant bid-specific attachments**, click the **CONTINUE** button to proceed. If a long-form applicant needs to modify information provided in an attachment after the

¹² 11 U.S.C. § 541.

initial long-form application deadline on Friday, January 29, 2021, it **must upload a new attachment** with the modified/updated information and indicate that the new attachment replaces the previous attachment.

6.3 Winning Bids Summary

The *Winning Bids Summary* screen lists each winning bid associated with the long-form applicant and provides additional information as shown below. This information can be sorted by any column in ascending or descending order by clicking on the column title.

This page displays the following information:

- **Winning Bid** – This column identifies the long-form applicant’s winning bid(s) by name.
- **State** – This column identifies the state in which the winning bid is located.
- **Items** – This column indicates the number of census block groups that are in a bid. If you click on the **number** link in each row, you will be brought to a table that shows the Item identification, the performance tier and latency associated with the census block group, the county where the census block group is located, the census block group identification number, and the number of locations in eligible census blocks within the census block group. To go back to the *Winning Bids Summary* screen, click the **BACK** button.
- **ETC** – This column indicates whether the long-form applicant has indicated that it is an Eligible Telecommunications Carrier for *all* the eligible census blocks covered by the winning bid.
- **Status of Support** – This column displays the status of each winning bid after the long-form application is processed and reviewed by Commission staff.

Once you have reviewed the *Winning Bids Summary* screen, click the **CONTINUE** button to proceed.

6.4 Agreements

On the *Agreements* screens, you must provide information regarding any agreements relating to the long-form applicant's participation in the competitive bidding or update to the extent necessary any prefilled information from a previously filed FCC Form 183 short-form application. Specifically, on the *Agreements with Other Parties* screen, you must indicate, by responding "Yes" or "No," whether the long-form applicant has entered into any agreement(s) relating to the participation of the long-form applicant in the competitive bidding. If you select "No" and then click **SAVE & CONTINUE**, you will be directed to the *Ownership* series of screens, described in Section 6.5, "Ownership". If you select "Yes" and then click **SAVE & CONTINUE**, you will be directed to the *View/Edit Agreements* screen.

On the *View/Edit Agreements* screen, you must make an entry for each agreement you need to disclose by clicking the **CREATE NEW AGREEMENT** button. On the *Create New Agreement* screen, you must provide an identifying name and the agreement type. The agreement identifier can be a brief description of the agreement or a simple reference name; however, each agreement identifier must be unique. If the agreement type is not listed as an option under the dropdown menu, select "Other" and enter a description in the text box that subsequently appears. You must also identify the parties, other than the long-form applicant, to each agreement disclosed on the application and indicate the type of party (i.e., entity or individual). You may provide an FRN for the other party to the agreement, if available. While providing the FRN is optional, including that information may prevent identification errors resulting from parties having similar names or a single party using multiple names. After completing the required information for each party, you must click the **ADD PARTY** button to save the information.

Additional parties can be added by selecting the type of party, entering the applicable information, and clicking the **ADD PARTY** button. The **Clear** link can be used to cancel a party type selection clicked in error. After adding a particular party, the name of that party and its associated FRN can be edited by clicking the **EDIT** button or be deleted from the form by clicking the **REMOVE** button. After identifying all parties to any particular agreement(s), click the **SAVE & CONTINUE** button.

The next screen, the *View/Edit Agreements* screen, lists the agreements and parties to each agreement that you have entered. From this screen, the following options are available:

- Click the **EDIT** button to modify agreement information;
- Click the **DELETE AGREEMENT** button to delete an agreement and associated parties;
- Click the **CREATE NEW AGREEMENT** button to add a new agreement; and
- Click the **Agreements** link in the "Application Sections" box to return to the initial *Agreements with Other Parties* screen, which asks whether the long-form applicant has entered into any agreements that must be disclosed.

A long-form applicant that has entered into any agreement(s) that are subject to disclosure under the Commission's rules must also **upload an attachment** that briefly describes each such agreement. You must select "Agreement" as the attachment "Type" when uploading the document. The procedure for uploading this required attachment is described below in Section 6.7, "Application Attachments".

When the long-form applicant has confirmed the accuracy of all agreements and the parties to each agreement that it has disclosed, click the **CONTINUE** button.

6.5 Ownership

On the *Ownership* screens, you can provide information regarding parties that have an ownership or other interest in the long-form applicant, which must be disclosed under the Commission's rules, or update pre-filled information to the extent necessary. Sections [1.2112\(a\)](#) and [54.804\(b\)\(2\)\(i\)](#) of the Commission's rules list the disclosable interest holders (DIHs) in the long-form applicant that must be reported in FCC Form 683.¹³ These DIHs in the long-form applicant include any individual or entity that directly or indirectly owns and/or controls the long-form applicant, such as:

- any party holding 10% or more of stock in the long-form applicant, whether voting or non-voting, common or preferred, including the specific amount of the interest or percentage held;
- natural persons that control the applicant such as officers and directors;
- in the case of a limited partnership, each limited partner whose interest in the long-form applicant is 10% or greater;
- in the case of a general partnership, each partner and its share in the partnership;
- in the case of a limited liability company, each member whose interest in the long-form applicant is 10% or greater; and
- all parties holding indirect ownership interests in the long-form applicant that equals 10% or more of the long-form applicant as discussed below.

The Commission's rules require that holders of both direct and indirect interests must be reported, which may include insulated interest holders and holders of non-voting stock/equity in the long-form applicant.

All real parties in interest must be disclosed in the application. This almost always means that natural persons should be listed as DIHs in the application. As a result, an application with only corporations or other business entities listed as DIHs will likely be found to be incomplete. In the case where there are no natural persons that own 10% or greater or exercise control of a long-form applicant or a long-form applicant's corporate owner, you should identify the long-form applicant's officers and directors and/or those of its parent(s) as DIHs in the application. In such circumstances, you should also state in an attachment to the application that no persons or entities have a 10% or greater ownership interest in the long-form applicant so there is no ambiguity when the application is reviewed.

All indirect DIHs must be disclosed—not just direct owners of the long-form applicant. In order to determine whether an individual or entity should be reported as an indirect DIH, successively multiply the ownership percentages for each link in the vertical ownership chain that equal 10% or more of the applicant. If the ownership percentage for an interest in the chain exceeds 50% or represents *de facto* control, it should be treated and reported as if it were a 100% interest. In some cases, the sum of all the percentages held by the DIHs may exceed 100%. In addition, section [1.2112\(a\)\(7\)](#) of the Commission's rules lists the FCC-regulated business entities or applicants for an FCC license (FRBs) that must be disclosed in FCC Form 683.¹⁴

¹³ Section 54.804(b)(2)(i) requires the disclosure on the auction application of long-form applicant ownership information as set forth in section 1.2112(a). 47 CFR §§ 1.2112(a), 54.804(b)(2)(i).

¹⁴ *Id.* § 1.2112(a)(7).

View/Edit Ownership Disclosure Information

The *View/Edit Ownership Disclosure Information* screen summarizes any ownership information entered in FCC Form 683, either automatically from information on file with the Commission (e.g., from a previously filed FCC Form 602, FCC Form 183, or other auction application) or directly by the long-form applicant.

To view the detailed information that has been pre-filled or otherwise already submitted regarding a DIH or FRB, click on the relevant party's name. To delete existing information in one of these categories, click on the relevant party's name and then click the **DELETE** button next to the name.

To add a new DIH or FRB, click on the relevant **ADD** button. Each screen will specify the information that the long-form applicant must provide. Once all ownership information that has been entered has been confirmed as accurate on the *View/Edit Ownership Disclosure Information* screen, click the **CONTINUE** button.

○ Adding Disclosable Interest Holders

To add a DIH, click on the **ADD** button on the *View/Edit Ownership Disclosure Information* screen, which will direct you to the *Add Disclosable Interest Holder* screen. You must make a DIH entry for any individual or entity required to be disclosed under section [1.2112\(a\)](#) of the Commission's rules.¹⁵ On this screen and subsequent screens, you must provide information about the type of DIH (i.e., entity or individual), contact information for the DIH, type of interest the DIH has in the long-form applicant, percent of interest held in the long-form applicant, and the DIH's jurisdiction of formation (for an entity) or citizenship (for an individual). If the DIH holds an ownership interest that is not listed on the screen (e.g., another type of option or debt securities), select "Other" and enter the DIH's interest(s) in the "Specify" field accordingly. You have the option of providing the FRN of a DIH, but an FRN entry is not required.

If you enter one or more DIHs with indirect ownership interest(s) in the long-form applicant on the *Add Disclosure Interest Holder Type* screen,¹⁶ you must include an attachment describing the relationship between the indirect interest holder(s) and the long-form applicant. The attachment should provide an overview of the ownership chain that links the indirect owner(s) to the long-form applicant, e.g., indirect owners X and Z own 50% of holding company Y, and holding company Y owns 100% of the long-form applicant.¹⁷ You should provide only one attachment connecting all indirect owners to the long-form applicant. The information in the attachment should be consistent with the information already provided in the data fields of FCC Form 683. You must select "Indirect Ownership" as the attachment "Type" when **uploading this attachment**. The procedure for uploading this required attachment is described below in Section 6.7, "Application Attachments".

The "Percent of Interest Held in Applicant" should reflect the DIH's aggregate ownership interests in the long-form applicant (both direct and indirect). In some cases (e.g., circumstances where there is joint ownership or indirect ownership resulting in different owners sharing the same ownership interests), the sum of the percentages held by all DIHs collectively may exceed 100%. In other cases (e.g., a director with no ownership in the long-form applicant), a DIH may have a zero percent ownership interest in the long-form applicant.

¹⁵ *Id.* § 1.2112(a).

¹⁶ *Id.* § 1.2112(a)(6).

¹⁷ *Id.*

After completing the necessary information for a DIH, click the **SAVE & CONTINUE** button. This will direct you to the *Information for DIH* screen, which will summarize the information you submitted for a particular DIH. To edit any information entered for that DIH, click the **OPEN** button next to the section in which you need to make changes. The *Information for DIH* screen also provides a button that allows you to add an FRB entry directly to an existing DIH, without needing to reenter the DIH's information. After you have made any necessary FRB entries for each DIH and have confirmed the accuracy of all the information on the *Information for DIH* screen, click the **CONTINUE** button.

- **Adding FCC Regulated Businesses**

To add an FRB of the long-form applicant, click on the **ADD** button on the *View/Edit Ownership Disclosure Information* screen, which will direct you to the *Add FCC Regulated Business of Applicant* screen. The *Add FCC Regulated Business of Applicant* screen asks you to provide the name of the FRB, its principal business, and percent of interest held. "Percent of Interest Held" refers to the percent of interest held by the long-form applicant in the FRB.

To add an FRB of a DIH, click the **ADD BUSINESS** button under the DIH's name in the Disclosable Interest Holders of this Applicant section on the *View/Edit Ownership Disclosure Information* screen. The *Add FCC Regulated Business of DIH* screen asks you to provide the name of the FRB, its principal business, and percent of interest held. "Percent of Interest Held" refers to the percent of interest held by the DIH in the FRB.

To simplify filling out FCC Form 683, you can click on the **Select Entities Already Entered** link on the *Add FCC Regulated Business of Applicant* or the **Select Entities Already Submitted** link on the *Add FCC Regulated Business of DIH* screens, respectively, when disclosing an FRB previously entered as an FRB for the long-form applicant or another DIH. When you click the **Select Entities Already Entered** link on the *Add FCC Regulated Business of Applicant* or the **Select Entities Already Submitted** link on the *Add FCC Regulated Business of DIH* screen, you will be redirected to the *Copy FCC Regulated Business of Applicant* screen or the *Copy FCC Regulated Business of DIH* screen, as applicable. On these screens, you can select each previously entered entity you want to copy. Please note that the only names that will appear in the list displayed on these screens are previously entered FRBs of the long-form applicant and previously entered DIHs that are entities. Once you have finished copying any FRB(s) of the long-form applicant or DIHs to the applicable screens, be sure to enter the "Percent of Interest Held" in the FRB by the applicable party (either the long-form applicant or the DIH).

After entering or copying the necessary information for a particular FRB, you must click the **ADD** button to save the information. Once you have entered all necessary FRB information, click the **SAVE & CONTINUE** button.

6.6 Application Summary

The *Application Summary* screen summarizes the information provided in the previous screens. This screen will appear prior to the *Certify & Submit* screen and allows you to review the information you entered on previous screens and to check for inconsistencies or omissions in the information entered.

The *Application Summary* screen lists the sections of the long-form application portion of the FCC Form 683 and displays any error and warning messages for each section. If errors are detected, you can click on the application section link and section name, and then make any necessary corrections. You can click the **VIEW ALL** button to display all the error and warning messages and click the **HIDE ALL** button to hide all the error and warning messages.

An error message will be removed once it is corrected. When all errors have been corrected, click the **CONTINUE TO CERTIFY** button. You will not be able to proceed to the *Certify & Submit* screen if any error messages appear on the *Application Summary* screen.

Each long-form applicant is solely responsible for providing complete and accurate information in the long-form application portion of its FCC Form 683. The automated check for errors is provided to assist applicants in completing FCC Form 683. However, the automated check may not catch all errors, and a long-form applicant cannot rely on the automated check to determine the completeness or the accuracy of submitted information. In addition, although you will be able to proceed to the *Certify & Submit* screen even if you receive a warning message, you should try to address or correct any issues identified in a warning before submitting your application, if possible. You should not assume that the ability to certify and submit FCC Form 683 with a warning message indicates that the subject of the warning will not affect whether the long-form applicant will be deemed qualified to be authorized to receive Rural Digital Opportunity Fund support.

If the automated check does not reveal certain inconsistencies or omissions, each application section will display the message “No errors” with a green checkmark. Once this happens, you may then click the **CONTINUE TO CERTIFY** button.

6.7 Application Attachments

When a long-form applicant needs to provide information not entered directly on the FCC Form 683 screens that is not related to a specific bid (e.g., a description of the relationship among indirect ownership interests of the long-form applicant, audited financial statements, a brief description of a disclosed agreement, etc.), such information should be provided in an attachment via the *Application Attachments* screen. Attachments for specific bids are discussed in Section 6.2, “Winning Bids Attachments”.

To get to the *Application Attachments* screen, you should click on the **Attachments** link in the upper right-hand side of any screen. The *Application Attachments* screen requests information regarding the type of attachment to be added, the file to be attached, and a brief description of the attachment.

Attachments may be no larger than 10 MB. Attachments may be uploaded by browsing for the file name or by entering the file name in the File text box. The maximum length of the file name is 232 characters. The following are acceptable file name extension types for FCC Form 683 attachments: .txt, .doc, .docx, .csv, .pdf, .odt, .xls, and .xlsx. You must provide a description for the attachment.

The following scenarios require an attachment that is not bid-specific. Select the appropriate “Type” for each attachment from the dropdown menu.

- If you indicate on the *Financial Statements* screen that the long-form applicant or related entity did not submit financial statements with its short-form application, select “**Financial Statements**” as the “Type” of attachment in the dropdown list and **upload the required audited financial statements**. See Section 6.1, “Applicant Information” for more information. **The audited financial statements are due prior to 6:00 p.m. ET on Monday, June 7, 2021.**
- If you indicate on the *Agreements with Other Parties* screen that the long-form applicant has entered into any agreement(s) relating to the participation of the long-form applicant in the competitive bidding, select “**Agreement**” as the “Type” of attachment in the dropdown list and **upload the required attachment** providing a brief description of the agreement. See Section 6.4, “Agreements” for more information. If you do not select the appropriate attachment “Type,” an error message will appear on the *Application Summary* screen, and the application will not be able to be certified and submitted.
- If you indicate on the *Add Disclosable Interest Holder Type* screen that one or more DIH has an indirect ownership interest in the long-form applicant, select “**Indirect Ownership**” as the “Type” of attachment in the dropdown list and **upload the required attachment** describing the relationship between the indirect ownership interest holder(s) and the long-form applicant. See Section 6.5, “Ownership” for more information. If you do not select the appropriate attachment “Type,” an error message will appear on the *Application Summary* screen, and the application will not be able to be certified and submitted.

For any other attachments the long-form applicant needs or wishes to **upload in support of its application**, select the appropriate attachment “Type” in the dropdown list. If a request for a waiver or exemption of any of the Commission’s rules or procedures **needs to be uploaded** pursuant to section [1.3](#) of the Commission’s rules, select “**Waiver**” as the “Type” of attachment in the dropdown list to help

facilitate prompt processing of the request.¹⁸ Petitions for waiver should also be filed in AU Docket No. 20-34 at <https://www.fcc.gov/ecfs/filings>.

A request for confidential treatment of information **uploaded with an application** (other than the audited financial statements for which a long-form applicant may request confidential treatment pursuant to section [0.459\(a\)\(4\)](#) directly on the *Financial Statements* screen) should be identified as such by selecting “**Confidential Treatment**” as the “Type” of attachment in the dropdown list.¹⁹ This attachment “Type” is only to be selected for the submission of a request for confidential information. It **should not be used for submitting other information that the applicant wishes to be kept confidential**, and the Commission shall have no obligation to treat an applicant’s selection of “**Confidential Treatment**” as the attachment “Type” as a properly filed request under 47 CFR § 0.459(a)(4) for the attachment.

As explained in Sections 6.2 & 7, “Winning Bid Attachments” & “Public Availability of Application Information,” information submitted using the “**Technology and System Design Description**,” “**Project Funding Description**,” “**Letter of Credit Commitment Letter**,” “**Letter of Credit**,” and “**Letter of Credit Opinion Letter**” attachment “Types” will be withheld from routine public inspection, thus a long-form applicant does not need to submit a confidentiality request for this information.

After selecting the correct file attachment, click the **UPLOAD FILE** button. You may experience a short delay as the system processes an uploaded attachment. A list of any attachments already uploaded to the long-form applicant’s FCC Form 683 will appear at the bottom of the screen. You can click the **file name** link to view attachments that have already been uploaded.

Once all attachments are uploaded, click the **CONTINUE** button. If a long-form applicant needs to modify information provided in an attachment after the initial long-form application deadline on January 29, 2021, it must **upload a new attachment** with the modified/updated information and indicate that the new attachment replaces the previous attachment.

¹⁸ 47 CFR § 1.3.

¹⁹ See 47 CFR § 0.459. A long-form applicant requesting confidential treatment of any information submitted with its short-form application must follow the requirements set forth in section 0.459 when submitting this attachment, including providing a statement of the reasons for withholding the information for which confidential treatment is sought from inspection and the facts upon which those records are based. See 47 CFR § 0.459(b). The Commission will not consider casual requests for confidential treatment (e.g., selecting “**Confidential Treatment**” as the attachment “Type” without providing the information required under section 0.459).

6.8 Certify and Submit

The *Certify & Submit* screen provides several certifications required of all Auction 904 long-form applicants.²⁰ The *Certify & Submit* screen also requests that the long-form applicant's certifying official be identified and sign the application.

An FCC Form 683 must be certified by a person with the authority to bind the long-form applicant. In the event that changes are made to any of the information in FCC Form 683 after the application filing deadline, the changes will have to be certified as well.

Long-form applicants are reminded that submission of an FCC Form 683 constitutes a representation by the person certifying that he or she is an authorized representative of the long-form applicant with the authority to bind the long-form applicant and has read the form's instructions and certifications. Submission of an FCC Form 683 also constitutes a representation by the person certifying that the contents of the application, its certifications, and any attachments are true, complete, and correct. Submission of a false certification may result in penalties, including monetary forfeitures, license forfeitures, ineligibility to participate in future auctions, and/or criminal prosecution.

Once the *Certify & Submit* screen has been filled out, click on the **CERTIFY & SUBMIT** button to submit the application. Information in an application will not be considered by the Commission unless the long-form applicant's certifying official clicks the **CERTIFY & SUBMIT** button on this screen. Please allow up to several minutes for processing after you click the **CERTIFY & SUBMIT** button, particularly if the long-form applicant has a large number of ownership entries. To avoid technical complications, do not click the **CERTIFY & SUBMIT** button more than once while waiting for the system to process your submission.

After the application has been submitted, a confirmation screen will display the submission time and date, along with a unique file number. The long-form applicant is strongly encouraged to print or save a copy of the confirmation page for its records. The long-form applicant may view and print copies of its submitted application by clicking the **Print** link under the file number or by using the **Print** link in the upper right of the screen.

FCC Form 683 applications for Auction 904 must be submitted and confirmed **prior to 6:00 p.m. ET on Friday, January 29, 2021. The long-form applicant is strongly encouraged to submit its application well in advance of the filing deadline as late applications or unconfirmed submissions will not be accepted.**

²⁰ See *id.* §§ 1.21004; 54.804(b).

6.9 Updating an Existing Long-Form Application

The *Review or Modify Existing Long-Form Applications* section of the *Auction Application Manager* screen displays any application created or submitted within an application filing window. This screen shows which auction the application was filed for, the application status, the date and time the application was last modified, and the date and time the application was last submitted. It may be used as a reference to confirm the date and time of the most recent submission of the application.

To review or continue working on the long-form application portion of an existing application, click the auction number for the application you want to review or modify (i.e., click on “904” for your Rural Digital Opportunity Fund auction application), which will display the application’s *Application Summary* screen in a view/edit mode. To submit any changes made to FCC Form 683, go to the *Certify & Submit* screen and click the **CERTIFY & SUBMIT** button. After the revised application has been submitted, a confirmation page will display the application’s file number and submission time and date. A long-form applicant is strongly encouraged to print or save a copy of the confirmation page for its records. You may view and print copies of the submitted application by clicking on the **Print** link under the file number or by using the **Print** link in the upper right of the screen.

After the filing deadline for the long-form application portion of the FCC Form 683, a long-form applicant will be permitted to make only minor changes to the information provided in its application that was required to be submitted as of the filing deadline.²¹ Examples of minor changes include the revision of addresses and telephone numbers of the long-form applicant, its responsible party, and its contact person. Major modifications will not be permitted.²² Major modifications would include, for example, making changes in ownership information that would constitute an assignment or transfer of control of the long-form applicant, changing any of the required certifications, and changing the long-form applicant’s legal classification that would result in a change in control.

²¹ *Id.* § 54.804(b)(6)(iii).

²² *Id.* § 54.804(b)(6)(iv).

7. PUBLIC AVAILABILITY OF APPLICATION INFORMATION

The determination of whether an applicant is qualified to receive support is based upon all of the information that is submitted with the long form application. Accordingly, long-form application information will generally be publicly available after the Commission staff completes its review. Therefore, a long-form applicant should take care not to include any unnecessary sensitive information, such as Taxpayer Identification Numbers or Social Security Numbers, in its application.

However, consistent with the Commission's limited information procedures in place for Auction 904, certain information may be withheld from routine public inspection even after support is authorized. Information related to a long-form applicant's detailed technology and system design, its project funding description, and its letter of credit will be treated as confidential and will be withheld from public inspection. The Commission will treat long-form applicants that submit this information as having made a request to treat this information as confidential trade secrets and/or commercial information.²³ **To ensure that this information is afforded such treatment, a long-form applicant should upload any such information using the "Technology and System Design Description," "Project Funding Description," "Letter of Credit Commitment Letter," "Letter of Credit," or "Letter of Credit Opinion Letter" attachment "Type" in the drop down box, as relevant.** The procedure for uploading bid-specific attachments is described in Section 6.2, "Winning Bid Attachments".

Moreover, a long-form applicant seeking to use the abbreviated process under section [0.459\(a\)\(4\)](#) to request confidential treatment of the audited financial statements attached to its long-form application may do so directly on FCC Form 683 via the *Financial Statements* screen and need not submit a separate section [0.459](#) request.²⁴ **To ensure that this information is afforded such treatment, a long-form applicant should upload its audited financial statements using "Financial Statements" as the "Type" of attachment in the dropdown list.** See Sections 6.1 & 6.7, "Applicant Information" & "Application Attachments" for more information.

Nevertheless, if a request for public inspection under section [0.461](#) is made for the long-form applicant's audited financial statements, detailed technology and system design description, or project funding description, the long-form applicant will be notified and then must justify the continued confidential treatment of the information if it objects to the disclosure.²⁵

A long-form applicant may request that any other information submitted in its application not be made routinely available for public inspection following the procedures set forth in section [0.459](#) of the Commission's rules.²⁶ Such requests must be **uploaded as an attachment** to the long-form applicant's FCC Form 683 using the **"Confidential Treatment"** attachment "Type" and must, among other things, identify the specific information to which the request applies. Because the required information bears on each applicant's qualifications, requests for confidential treatment other than that discussed above will not be routinely granted. This **"Confidential Treatment"** attachment "Type" is only to be selected for the submission of a request for confidential information. It **should not be used for submitting other information that the applicant wishes to be kept confidential**, and the Commission shall have no obligation to treat an application's selection of the attachment "Type" **"Confidential Treatment"** as a properly filed request under 47 CFR § 0.459(a)(4) for the attachment.

²³ *Id.* § 0.459(a)(4).

²⁴ *Id.* § 0.459.

²⁵ *Id.* § 0.461

²⁶ *Id.* § 0.459.

MISCELLANEOUS

8.1 Access to View FCC Form 683

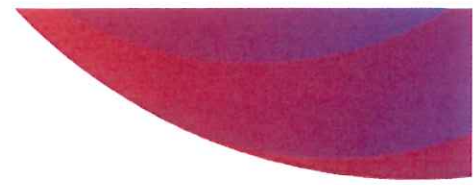
After Commission staff completes its application review, interested parties may view the auction applications (except for any application information that is subject to the limited information disclosure procedures adopted by the Commission for Auction 904) by searching for them in the Commission's database.

To start a search, go to either auctions.fcc.gov (primary location) or auctions2.fcc.gov (secondary location) and click the Auction Application Search link in the "Public Access" area on the *Auction Application System* screen.

8.2 Contact Information

For further information concerning Auction 904, contact the appropriate individual or office listed below:

Auction 904 Email & Webpages	auction904@fcc.gov http://www.fcc.gov www.fcc.gov/auction/904
Telecommunications Access Policy Division, Wireline Competition Bureau For General Universal Service Information	Heidi Lankau, Ian Forbes, or Lauren Garry at (202) 418-7400
Auctions Division, Office of Economics and Analytics For Post-Auction Rules, Policies, and Regulations	Mark Montano or Daniel Habib at (202) 418-0660
Technical Support Electronic Filing Auction Application System (Hardware/Software Issues)	(877) 480-3201, option nine; or (202) 414-1250 (202) 414-1255 (TTY) Hours of service: 8:00 a.m. – 6:00 p.m. ET, Monday through Friday
FCC Forms	(800) 418-3676 (outside Washington DC) (202) 418-3676 (in the Washington DC area) http://www.fcc.gov/formpage.html
Consumer and Governmental Affairs Bureau For Accessible Formats:	(202) 418-0530 (202) 418-0432 (TTY) fcc504@fcc.gov
Office of Communications Business Opportunities For Questions Concerning Small Business Inquiries:	(202) 418-0990 www.fcc.gov/ocbo/
Electronic Code of Federal Regulations	www.ecfr.gov



Rural Digital Opportunity Fund (RDOF) Impact Sheet

Entire Auction Results:

\$9.23 billion awarded, 5.2 million locations in the United States

Virginia Results:

\$238.6 million awarded for 186,475 locations to 16 bidders in Virginia.

RDOF Construction and Service Delivery Requirements:

All locations funded through RDOF must be connected within 6 years of final approval from the Federal Communications Commission. It is likely some areas funded through RDOF will not be connected until 2027.

Top RDOF Awardees in Virginia:

Area Winner	Award Amount	Percent of Total Award in Virginia	Locations Awarded	Percent of Total Locations Awarded
Rural Electric Coop Consortium	\$42 million	17.6%	36,203	19%
Wilkes Membership Telephone Corp.	\$44.7 million	18.7%	37,155	20%
Space Exploration Technologies	\$62 million	25%	53,640	29%

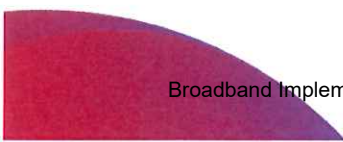
VATI Implications:

In the 2021 round of VATI, 45 applications were submitted, requesting approximately \$100 million in state funds.

- 38 VATI applications are, in some way, affected by RDOF
 - Projects are affected in varying degrees, ranging from minimal to complete overlap

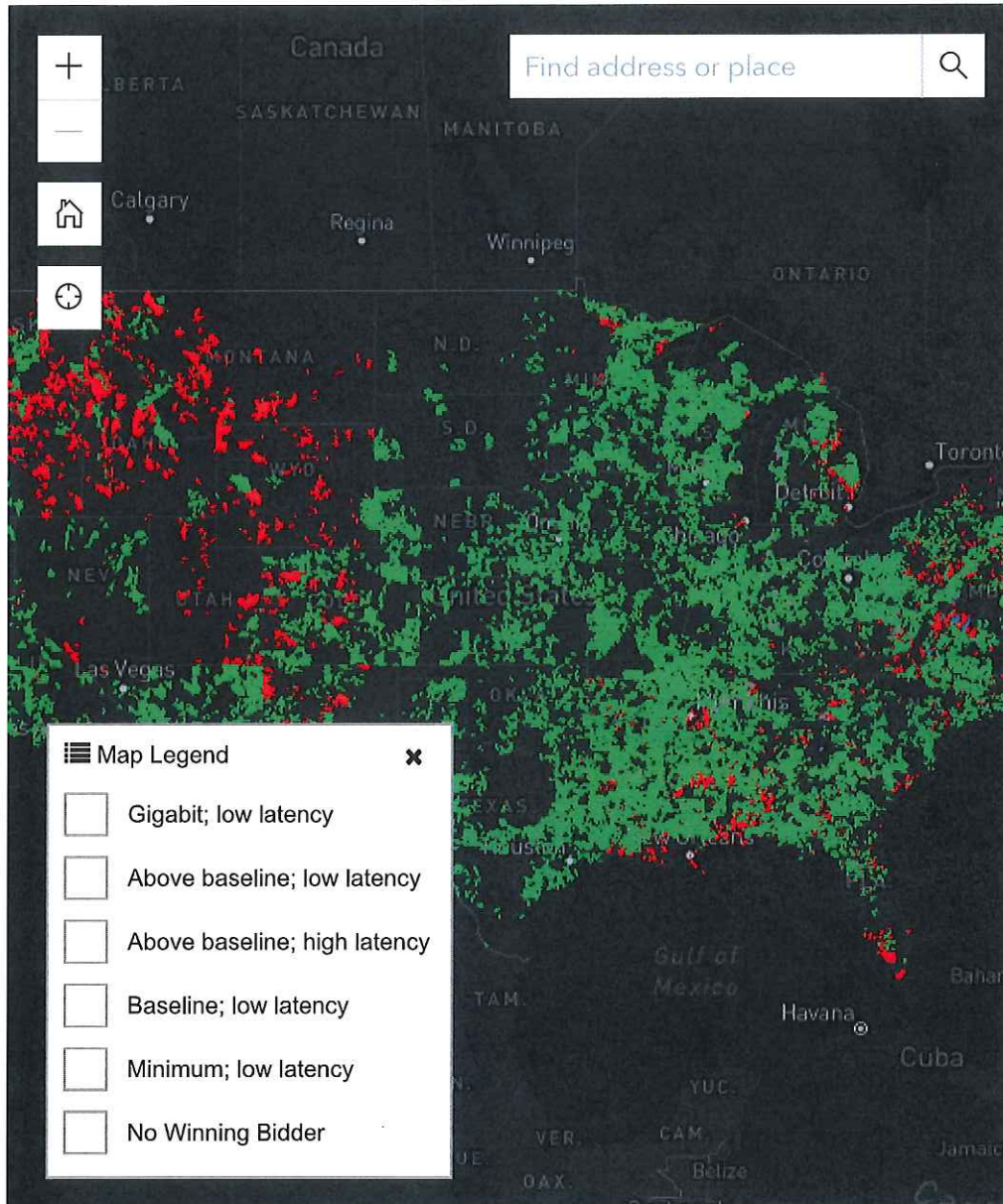
Dates of Note:

- *December 22*
 - Winning bidders that wish to assign some or all of their winning bids to related entities must do so by this date.
- *January 29*
 - Winning bidders are required to submit a post-auction application for support (FCC Form 683, or “Long-Form”). This form also signifies the end of the quiet period for RDOF bidders.



Rural Digital Opportunity Fund Phase I Results

Data as of 12/07/20



© OpenStreetMap contributors Design © Mapbox

Powered by Esri

In the Rural Digital Opportunity Fund Phase I auction ([Auction 904](#)), 180 bidders won \$9.2 billion over 10 years to provide broadband to 5.2M locations in 49 states and the Commonwealth of the Northern Mariana Islands.

The colors on the map represent the different levels of service associated with the winning bids in [Auction 904](#). The [service tier](#) is based on download speed, upload speed, usage allowance, and latency.

[Click](#) on the map to see more information about the winning bidder and number of locations for an area.

Locations:

Winning bidders must meet periodic [buildout requirements](#) that will require them to reach all assigned locations by the end of the sixth year. Providers are incentivized to buildout to all locations as fast as possible.

Resources & Downloads:

- [Rural Digital Opportunity Fund Phase I Auction Webpage](#)
- [Auction 904 Results](#)
- [Map of Auction 904 Eligible Areas](#)
- [Auction 904 Closing Public Notice](#)
- [Auction 904 Closing News Release](#)
- [Shapefile: Census Block Groups](#)
- [Open Source GeoPackage: Census Block Groups](#)



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20

36

3.5K

Clarke County / Comcast VATI 2019 Project



Final Summary

May 2020

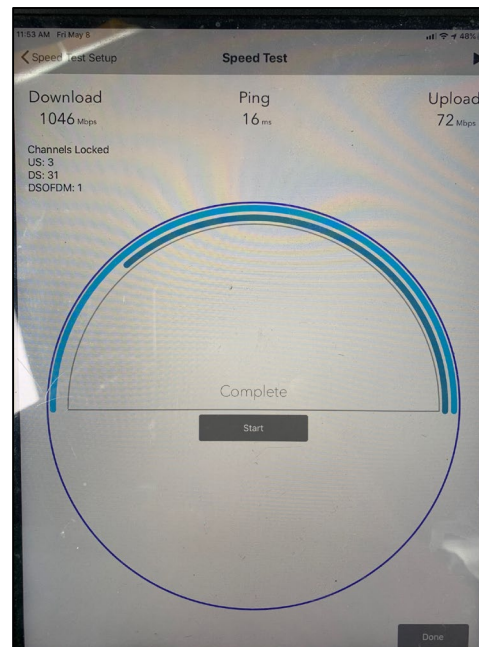
2019 VATI Grant Overview

The Virginia Department of Housing and Community Development approved the joint application from Clarke County and Comcast to accomplish the following:

Item	Description
Area for Broadband services	White Post area of Clarke County, VA
Funding Grant	Approximately 64% of total project costs, up to a maximum of \$209,513
Serviceable Units	97
Timeline	Project to be complete by June 2020

2019 VATI Grant Overview

Comcast now offers both residential and business service to the White Post area. Network speeds exceed VATI program speed requirement of 10Mbps down / 3Mbps up.



Source of sample: Comcast XM2 portable signal level meter.

2019 Total Project Costs

Item	Estimate	Actual
Labor	\$ 250,022	\$ 132,340
Construction		\$ 132,340
Materials	\$ 78,954	\$ 24,447
TOTAL	\$ 328,976	\$ 156,787

Project was more than \$172K under budget, with broadband service offered 7 months prior to deadline

Project Summary

Item	Estimated	Actual
Total Cost <ul style="list-style-type: none"> VATI Comcast 	\$328,976 <ul style="list-style-type: none"> \$209,513 \$119,463 	\$156,787 <ul style="list-style-type: none"> \$99,852 \$56,935
Serviceable Units	97 Serviceable Units	97 Serviceable Units
Period of Performance	06/18/19 – 06/17/20	06/18/19 – 11/01/19

Actual Total Cost ratio matches Estimated Total Cost ratio

Clarke County / White Post Project List of Serviceable Units

Project Name: White Post
 System: Central

Release ID: 2019.10.14.C.01
 Account Build Date: 10/14/2019

House Key	House Number			Street Address							County	Service Area	Lat	Long
	House Prefix	House Num	House Suffix	Pre Dir	Street Name	Street Type	City	State	Zip	Zip+4				
22663265800002		40			BERRYS FERRY	RD	WHITE POST	VA	22663		CLARKE	Y	39.0572	-78.107
22663265900000		106			BERRYS FERRY	RD	WHITE POST	VA	22663		CLARKE	Y	39.057	-78.106
22663266000016		127			BERRYS FERRY	RD	WHITE POST	VA	22663		CLARKE	Y	39.0577	-78.105
22663265900018		136			BERRYS FERRY	RD	WHITE POST	VA	22663		CLARKE	Y	39.0572	-78.105
22663266000008		161			BERRYS FERRY	RD	WHITE POST	VA	22663		CLARKE	Y	39.0576	-78.104
22663266000024		179			BERRYS FERRY	RD	WHITE POST	VA	22663		CLARKE	Y	39.0575	-78.104
22663263600008		272			BERRYS FERRY	RD	WHITE POST	VA	22663		CLARKE	Y	39.057	-78.102
22663263700006		275			BERRYS FERRY	RD	WHITE POST	VA	22663		CLARKE	Y	39.0574	-78.103
22663263800012		300			BERRYS FERRY	RD	WHITE POST	VA	22663		CLARKE	Y	39.0571	-78.102
22663263800004		320			BERRYS FERRY	RD	WHITE POST	VA	22663		CLARKE	Y	39.0572	-78.101
22663263900002		325			BERRYS FERRY	RD	WHITE POST	VA	22663		CLARKE	Y	39.0579	-78.102
22663263800020		344			BERRYS FERRY	RD	WHITE POST	VA	22663		CLARKE	Y	39.0576	-78.101
22663264000000		404			BERRYS FERRY	RD	WHITE POST	VA	22663		CLARKE	Y	39.0572	-78.101
22663264000018		408			BERRYS FERRY	RD	WHITE POST	VA	22663		CLARKE	Y	39.057	-78.1
22663264000034		432			BERRYS FERRY	RD	WHITE POST	VA	22663		CLARKE	Y	39.058	-78.1
22663264100008		433			BERRYS FERRY	RD	WHITE POST	VA	22663		CLARKE	Y	39.0586	-78.1
22663264000042		450			BERRYS FERRY	RD	WHITE POST	VA	22663		CLARKE	Y	39.0575	-78.1
22663264000026		492			BERRYS FERRY	RD	WHITE POST	VA	22663		CLARKE	Y	39.0569	-78.099
22663264300004		571			BERRYS FERRY	RD	WHITE POST	VA	22663		CLARKE	Y	39.0628	-78.096
22663264200006		586			BERRYS FERRY	RD	WHITE POST	VA	22663		CLARKE	Y	39.0587	-78.097
22663264400028		644			BERRYS FERRY	RD	WHITE POST	VA	22663		CLARKE	Y	39.059	-78.096
22663264500009		649			BERRYS FERRY	RD	WHITE POST	VA	22663		CLARKE	Y	39.0596	-78.096
22663264400010		668			BERRYS FERRY	RD	WHITE POST	VA	22663		CLARKE	Y	39.0592	-78.096
22663264400002		692			BERRYS FERRY	RD	WHITE POST	VA	22663		CLARKE	Y	39.0594	-78.095
22663265100007		38			FOX	LN	WHITE POST	VA	22663		CLARKE	Y	39.0545	-78.11
22663265200013		55			FOX	LN	WHITE POST	VA	22663		CLARKE	Y	39.0539	-78.111
22663265200005		99			FOX	LN	WHITE POST	VA	22663		CLARKE	Y	39.0539	-78.112
22663266300002		163			FOX	LN	WHITE POST	VA	22663		CLARKE	Y	39.0539	-78.113
2266300006683		14270			LORD FAIRFAX	HWY	WHITE POST	VA	22663		CLARKE	Y	39.0624	-78.1
22663265000017		14280			LORD FAIRFAX	HWY	WHITE POST	VA	22663		CLARKE	Y	39.0649	-78.099
22663265000009		14290			LORD FAIRFAX	HWY	WHITE POST	VA	22663		CLARKE	Y	39.0622	-78.101
22663253700024		14314			LORD FAIRFAX	HWY	WHITE POST	VA	22663		CLARKE	Y	39.0618	-78.101
22663253700008		14336			LORD FAIRFAX	HWY	WHITE POST	VA	22663		CLARKE	Y	39.0615	-78.101
22663253700016		14374			LORD FAIRFAX	HWY	WHITE POST	VA	22663		CLARKE	Y	39.0611	-78.101
22663265400001		14402			LORD FAIRFAX	HWY	WHITE POST	VA	22663		CLARKE	Y	39.0608	-78.102
22663265500008		14419			LORD FAIRFAX	HWY	WHITE POST	VA	22663		CLARKE	Y	39.0602	-78.101
22663265400019		14420			LORD FAIRFAX	HWY	WHITE POST	VA	22663		CLARKE	Y	39.0605	-78.102
22663265400027		14478			LORD FAIRFAX	HWY	WHITE POST	VA	22663		CLARKE	Y	39.06	-78.102
22663260300008		15141			LORD FAIRFAX	HWY	WHITE POST	VA	22663		CLARKE	Y	39.055	-78.116
22663260500003		15261			LORD FAIRFAX	HWY	WHITE POST	VA	22663		CLARKE	Y	39.0569	-78.116
22663260600001		15388			LORD FAIRFAX	HWY	WHITE POST	VA	22663		CLARKE	Y	39.0586	-78.118
22663260800007		15436			LORD FAIRFAX	HWY	WHITE POST	VA	22663		CLARKE	Y	39.0601	-78.119
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22663243200002		15799			LORD FAIRFAX	HWY	WHITE POST	VA	22663		CLARKE	Y	39.0589	-78.126
22663242700002		16060			LORD FAIRFAX	HWY	WHITE POST	VA	22663		CLARKE	Y	39.0598	-78.131
22663242700028		16062			LORD FAIRFAX	HWY	WHITE POST	VA	22663		CLARKE	Y	39.0594	-78.128
22663242700036		16064			LORD FAIRFAX	HWY	WHITE POST	VA	22663		CLARKE	Y	39.0594	-78.128
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22663242500022		16138			LORD FAIRFAX	HWY	WHITE POST	VA	22663		CLARKE	Y	39.0595	-78.128
22663242500030		16148			LORD FAIRFAX	HWY	WHITE POST	VA	22663		CLARKE	Y	39.0601	-78.132
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22663266400000		111			WHITE POST	RD	WHITE POST	VA	22663		CLARKE	Y	39.0588	-78.102
22663266500007		140			WHITE POST	RD	WHITE POST	VA	22663		CLARKE	Y	39.0586	-78.103
22663266400018		145			WHITE POST	RD	WHITE POST	VA	22663		CLARKE	Y	39.0583	-78.103
22663266500031		158			WHITE POST	RD	WHITE POST	VA	22663		CLARKE	Y	39.0585	-78.103
22663266400026		169			WHITE POST	RD	WHITE POST	VA	22663		CLARKE	Y	39.058	-78.103
22663266500015		172			WHITE POST	RD	WHITE POST	VA	22663		CLARKE	Y	39.058	-78.103
22663266500023		192			WHITE POST	RD	WHITE POST	VA	22663		CLARKE	Y	39.0581	-78.104
22663262200032		213			WHITE POST	RD	WHITE POST	VA	22663		CLARKE	Y	39.0575	-78.103

22663262100000		214			WHITE POST	RD	WHITE POST	VA	22663		CLARKE	Y	39.0577	-78.104
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22663262200008		267			WHITE POST	RD	WHITE POST	VA	22663		CLARKE	Y	39.0568	-78.104
22663262200016		279			WHITE POST	RD	WHITE POST	VA	22663		CLARKE	Y	39.0567	-78.104
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22663262600017		515			WHITE POST	RD	WHITE POST	VA	22663		CLARKE	Y	39.0537	-78.106
22663262500019		548			WHITE POST	RD	WHITE POST	VA	22663		CLARKE	Y	39.0535	-78.107
22663262600009		549			WHITE POST	RD	WHITE POST	VA	22663		CLARKE	Y	39.0533	-78.106
22663262500001		576			WHITE POST	RD	WHITE POST	VA	22663		CLARKE	Y	39.0533	-78.107
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22663262700015		648			WHITE POST	RD	WHITE POST	VA	22663		CLARKE	Y	39.0526	-78.108
22663262700023		662			WHITE POST	RD	WHITE POST	VA	22663		CLARKE	Y	39.0523	-78.108
22663262700007		690			WHITE POST	RD	WHITE POST	VA	22663		CLARKE	Y	39.0521	-78.108
22663265500016		14401			LORD FAIRFAX	HWY	WHITE POST	VA	22663		CLARKE	Y	39.0604	-78.101
22663999800005		14725			LORD FAIRFAX	HWY	WHITE POST	VA	22663		CLARKE	Y	39.0578	-78.106
22663262300022		400			WHITE POST	RD	WHITE POST	VA	22663		CLARKE	Y	39.0555	-78.106

January 30, 2020

Mr. David Ash
County Administrator, Clarke County
401 McIntire Road
101 Chalmers Court, Suite B
Berryville, VA 22611

Dear Mr. Ash:

The purpose of this letter is to provide speed validation data for the White Post project constructed for the Virginia Telecommunications Initiative (“VATI”) program. Construction of the project is complete, and it is capable of delivering up to 2 Gbps download / 2 Gbps upload speeds, depending on the level of Internet service ordered by the customer. These speeds exceed VATI criteria.

Should you have any questions regarding the information listed above, please do not hesitate to contact Nathan Daugherty with Comcast Government Affairs at nathan_daugherty@comcast.com.

Sincerely,



Tom Yates
Senior Director, Construction