



KIM REYNOLDS, GOVERNOR
ADAM GREGG, LT. GOVERNOR

STATE OF IOWA

ANNETTE DUNN
CHIEF INFORMATION OFFICER

Broadband Grants Core Application Menu

Press Ctrl+Shift+H To Return To This Page

General Application Information

Applicant Name: Huxley Communications Cooperative

Follow The Steps Below	
Instructions	Hot Buttons
1) Populate the Census Block data. Detailed directions in Exhibit L. (Infrastructure Projects Only)	
1a) Populate your exported Census Block data on the Census Block Input tab.	Go to Census Block Input Tab
2) Refresh Exhibit B - Project Worksheet with the Census Block data. (Infrastructure Projects Only)	
2a) The "Hot Button" to the right will transfer your Census Block data to Exhibit B.	Refresh Exhibit B with Census Block Input
3) Populate data in Exhibit B - Broadband Grants Program Project Worksheet. (Infrastructure Projects Only)	
3a) Affirm the certification statement.	Go to Exhibit B – Project Worksheet Tab
3b) Check the Delivery Platforms that apply.	
3c) Select the appropriate Infrastructure Type.	
3d) Review the Homes, Schools, and Businesses in the "Total Number of HSB's (i.e., Broadband Units) New Service Will	
3e) Define the Download and Upload Speeds in the "Facilitated Speeds in Project Area upon Project Completion" section for each Census Block.	
3f) Review to confirm worksheet is correct.	
4) Populate all defined fields in Exhibit B.1 - Potential Non-Adopters Form. (Adoption Projects Only)	
4a) List all school districts and number of potential non-adopters located inside of each school district.	Go To Exhibit B.1 – Potential Non-Adopters Form
4b) Review the form to ensure it is complete and accurate.	
5) Populate all defined fields in Exhibit C - Qualitative Attributes Form. (Infrastructure Projects Only)	
5a) For answers to questions in this Exhibit, please limit to 1200 characters for each question. Please upload supplemental materials to the appropriate section of the Iowa Grants System.	Go To Exhibit C – Qualitative Attributes Form
5b) Review the form to ensure it is complete and accurate.	
6) Populate all defined fields in Exhibit C.1 - Qualitative Attributes Form. (Adoption Projects Only)	
6a) For answers to questions in this Exhibit, please limit to 1200 characters for each question. Please upload supplemental materials to the appropriate section of the Iowa Grants System.	Go To Exhibit C.1 – Qualitative Attributes Form
6b) Review the form to ensure it is complete and accurate.	
7) Populate costs in Exhibit D - Broadband Grants Program Budget Plan. (Infrastructure Projects Only)	
7a) Populate Description, Unit, Quantity, and Estimated Cost.	Go To Exhibit D - Budget Plan
7b) Review the form to ensure it is complete and accurate.	
7c) If grant funds are Awarded, the Grantee will be required to submit a revised Exhibit D with actual costs.	
8) Core Application Checklist Below.	

Core Application Checklist	
Check	Status (Expect all Checks to be Yes or Not Applicable)
Did you populate an Applicant Name?	Yes
Did you affirm the certification check box in Exhibit B? (Infrastructure Projects)	Yes
Did you choose at least one Delivery Platform in Exhibit B? (Infrastructure Projects)	Yes
Did you define the Infrastructure Type in Exhibit B? (Infrastructure Projects)	Yes
Did you include at least one eligible Census Block? (Infrastructure Projects)	Yes
Did you define all of your Facilitated Speeds in Exhibit B? (Infrastructure Projects)	Yes
Did you list all school districts and the number of potential non-adopters in Exhibit B.1? (Adoption Projects)	N/A - Yes
Did you answer the question related to non-adopter eligibility in Exhibit B.1? (Adoption Projects)	N/A - Yes
Did you answer all questions in Exhibit C? (Infrastructure Projects)	Yes
Did you answer all questions in Exhibit C.1? (Adoption Projects)	N/A - Yes
Did you submit grant request dollars in Exhibit D? (Infrastructure Projects)	Yes

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Paste Your Census Block Data Below in Row 3

[Return To Main Input Sheet](#)

OBJECTID	blockid	areasmiles	households	population	businesses	schools	effectivedate	county	tsa	aland	awater	Shape__Area	Shape__Length
182186	#####	0.81	5	12	1	0	20180630	Story	no	2103625	0	3807177.773	8614.571768
182188	#####	1.35	11	32	3	0	20180630	Story	no	3500938	0	6336226.922	10624.79289
182228	#####	1.16	25	47	18	0	20180630	Story	no	3010252	0	5454155.402	10253.58979
182382	#####	0.4	4	6	0	0	20180630	Story	no	1057952	0	1916476.102	5659.034822
182385	#####	0.47	2	4	0	0	20180630	Story	yes	1240558	0	2246003.797	6838.691264
182388	#####	0.11	0	0	0	0	20180630	Story	yes	299786	0	542925.6602	3016.056845
182390	#####	0.24	1	2	0	0	20180630	Story	yes	631421	0	1143519.961	4595.138174
182391	#####	1.32	4	6	0	0	20180630	Story	yes	3437900	0	6226899.816	10977.61697
183249	#####	0.13	0	0	0	0	20180630	Story	yes	357869	0	647967.0898	3995.332652
183250	#####	0.37	1	2	0	0	20180630	Story	yes	971679	0	1759630.168	6133.107039
183254	#####	0.72	11	25	1	0	20180630	Story	no	1876015	0	3396468.941	7466.047203
183406	#####	0.39	2	4	1	0	20180630	Story	no	1028362	0	1863635.742	7239.306969
184035	#####	0.15	0	0	0	0	20180630	Story	yes	408986	0	740512.5547	3836.592894
184041	#####	0.19	1	1	0	0	20180630	Story	yes	505185	0	914905.4336	5309.905426
184052	#####	0.01	0	0	0	0	20180630	Story	yes	27410	0	49635.73047	1069.573319
184054	#####	0.14	2	5	0	0	20180630	Story	yes	386298	0	699578.6836	4736.024507
184055	#####	0.86	5	8	1	0	20180630	Story	yes	2243836	0	4062637.758	9798.021448
184058	##### 0.009572311		3	9	0	0	20180630	Story	yes	24811	0	44929.98047	898.0171524

Max number of rows allowed for this form ends on Row 4985. If additional information is necessary, please submit a second form.

Exhibit B — Broadband Grants Program Infrastructure Worksheet (Use For Infrastructure Projects Only)

Applicant Name: Huxley Communications Cooperative

Applicants should identify all Delivery Platforms forming the basis of their Project by selecting all Delivery Platform types that are projected to be deployed as part of the Project. Consistent with the definition of Facilitates, Applicants must identify the upload/download speeds on an individual census block basis that their Project will Facilitate in the "Facilitated Speeds" column below; this may be based on the most favorable product offering that will be made available within each of the census blocks forming the basis of a Project and that will be made available within a commercially reasonable time and at a commercially reasonable price.



Applicant certifies that each of the unserved Broadband Units in the form of Homes, Businesses, and Schools located within Census Blocks forming the basis of the Project that will be Facilitated with 25/3 Broadband or 100/20 Broadband, as applicable, as a result of the Project DO NOT currently have 25/3 Broadband service available, meaning no other known Communications Services Provider currently Facilitates 25/3 Broadband or greater to the Broadband Unit.

Delivery Platform: (Check and/or Populate Other)	
- FTTH	<input checked="" type="checkbox"/> Check
- DSL	<input checked="" type="checkbox"/> Check
- Cable Modem	<input checked="" type="checkbox"/> Check
- Wireless Spectrum	<input checked="" type="checkbox"/> Check
- Fixed Wireless	<input checked="" type="checkbox"/> Check
- Other	
Infrastructure Type	Outside Plant Only

	TSA	Non TSA	Total
Total Broadband Units to Be Served	20	82	102
Percentage of Project Area	20%	80%	100%
Broadband Units Per Square Mile	5	17	22

Project Area				Total Number of HSB's (i.e., Broadband Units) in Project Area				Total Number of HSB's (i.e., Broadband Units) New Service Will Be Available To				Facilitated Speeds in Project Area Upon Project Completion	
Census Block #	TSA Status	County	Sq. Miles	H	S	B	Units	H	S	B	Units	Down (Mbps)	Up (Mbps)
18	Yes: 12 No: 6	1	8.82957231	77	0	25	102	77	0	25	102		
191690013022063	NO	Story	0.81	5	0	1	6	5	0	1	6	1000	500
191690013022052	NO	Story	1.35	11	0	3	14	11	0	3	14	1000	500
191690001004174	NO	Story	1.16	25	0	18	43	25	0	18	43	1000	500
191690001004166	NO	Story	0.4	4	0	0	4	4	0	0	4	1000	500
191690001004178	YES	Story	0.47	2	0	0	2	2	0	0	2	1000	500
191690001004180	YES	Story	0.11	0	0	0	0	0	0	0	0	1000	500
191690001004179	YES	Story	0.24	1	0	0	1	1	0	0	1	1000	500
191690001004154	YES	Story	1.32	4	0	0	4	4	0	0	4	1000	500
191690013022051	YES	Story	0.13	0	0	0	0	0	0	0	0	1000	500
191690013022048	YES	Story	0.37	1	0	0	1	1	0	0	1	1000	500
191690001004170	NO	Story	0.72	11	0	1	12	11	0	1	12	1000	500
191690001004169	NO	Story	0.39	2	0	1	3	2	0	1	3	1000	500
191690001004181	YES	Story	0.15	0	0	0	0	0	0	0	0	1000	500
191690001004164	YES	Story	0.19	1	0	0	1	1	0	0	1	1000	500
191690001004190	YES	Story	0.01	0	0	0	0	0	0	0	0	1000	500
191690001004172	YES	Story	0.14	2	0	0	2	2	0	0	2	1000	500
191690001004188	YES	Story	0.86	5	0	1	6	5	0	1	6	1000	500
191690001004157	YES	Story	0.00957231	3	0	0	3	3	0	0	3	1000	500
END OF DATA													

*Applicants must fill out and submit this form in order to comply with/supply the information/inputs requested by the Office pursuant to Section 3A.1 (Quantitative Factors) of NOFA #003. Please contact the Office's designated representative providing administrative support for the Application process, which can assist you in populating this form. See Section 1.8. of the NOFA regarding administrative support related to this Application.

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Exhibit B.1 — Broadband Grants Program Adoption Worksheet (Use For Adoption Projects Only)

Applicant Name: Huxley Communications Cooperative

Using the guidance provided in 1.5.2.1 of NOFA #003, identify in Table 1 below the number of potential Non-Adopters within each school district you anticipate will adopt 25/3 Broadband or faster by the Adoption Completion Date (December 1, 2020).

Instructions are outlined below a follows:

Step 1: Enter the Number of School Districts Impacted by your project.

Step 2: Left click the Refresh button.

Step 3: Using the drop down box in the School District column, select the specific School District in each row impacted by your project.

Step 4: Enter the Estimated Number of Potential Non-Adopters in each School District that comprises your project.

Total estimated number of non-adopters:	0
Maximum award of estimated number of non-adopters:	\$ -
Project Economic Necessity Factor:	-

Number of School Districts Impacted: 0

Potential Number of Non-Adopters per School District - Table 1					
School District	School District Number	% Free and Reduced Lunch	% Without Broadband	School District Economic Necessity Factor	Estimated Number of Potential Non-Adopters
END OF DATA					

1. Describe the methodology you will utilize to determine Non-Adopter eligibility as defined in NOFA #003 Sections 1.4.8.3. and 1.4.8.4.

(Maximum 1200 Characters / Actual = 0)

* Non-Adopters may not currently participate in the FCC's Lifeline Program for Low Income Consumers. (See NOFA #003 Section 1.4.8.1)

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Exhibit C — Qualitative Attributes Form - Infrastructure Projects Only

Applicant Name: Huxley Communications Cooperative

Applicant must fill out and submit this form in order to comply with/supply the information/inputs requested by the Office pursuant to Section 3A.1.2. (Qualitative Factors) of NOFA #003.

Note: If you need additional space to answer any of the below questions, please upload supplemental materials to the appropriate section of the Iowa Grants System ("Overflow Materials") as further described in Exhibit J Step 41. In addition, in connection with any of the following factors, Applicants may provide evidence of need support for their Project by uploading materials through the Iowa Grants System as further described in Exhibit J Step 41, which materials demonstrate how communities, households, businesses, schools, or hospitals are hindered in their ability to respond to the challenges of COVID-19 due to a lack of at least 25/3 Broadband ("Supplemental Materials of Need"). Such evidence, by way of example only, may include letters signed and endorsed by community officials, including but not limited to the mayor, city administrator, county supervisor, superintendent, hospital administrator, etc.

1. Impact on Distance Learning, Telehealth and Telemedicine, and Telework

These factors take into consideration the impact the Project will have on improvements in Iowa to support distance learning, telehealth, and telework in response to the COVID-19 public health emergency.

Please answer or supply the Office with the following to assist it in scoring this factor:

- 1.1. Describe how your Broadband Infrastructure Project will facilitate distance learning in the State of Iowa, through Broadband improvements, in connection with school closings to enable compliance with COVID-19 precautions. Generally speaking, Applications that demonstrate that the Broadband investments forming the basis of the Project will have a greater impact on distance learning needs in their response will receive higher scores.

There happens to be a section of this project we have been investigating for a year or so, approximately 67 locations. Huxley Communications has implemented a tool that allows us to have potential customers sign up as an interested location. Once an area builds enough interest, we move to the next phase of building an ROI. The opportunity this grant allows us is to not only expand that project to include an extra 35 homes, but also accelerate this network build to the original 67 locations.

The customers within this project say they do not have access to broadband (even the locations outside of the targeted areas described on the map), and as a 100% fiber optic NTCA Gigabit Certified broadband provider, we would expand our existing network to connect to these locations.

As one of the first FTTH provider in Iowa, starting in 2002 and now being 100% FTTH, our customers have been able to keep up with work, school, and telehealth even before the COVID-19 pandemic. Offering Gigabit fiber service to our customers, they have not been adversely affected by not having inadequate broadband service, and this grant would again allow us to expand that to the homes listed on this application.

(Maximum 1200 Characters / Actual = 1200)

- 1.2. Describe how your Broadband Infrastructure Project will facilitate telehealth and telemedicine services in the State of Iowa, through Broadband improvements, in connection with treating and responding to COVID-19. Generally speaking, Applications that demonstrate that the Broadband investments forming the basis of the Project will have a greater impact on telehealth and telemedicine will receive higher scores.

Again, as briefly described above, offering Gigabit service to a customer does not put a limit on what the customer can do with tele-health (or working from home and schoolwork). In fact, with Gigabit service even medical professionals would have the opportunity to view and transmit large files at home while video conferencing with a client at the same time, if that client has adequate broadband too.

(Maximum 1200 Characters / Actual = 403)

- 1.3. Describe how your Broadband Infrastructure Project will facilitate increased telework capabilities in the State of Iowa, through Broadband improvements, in connection with remote work arrangements implemented by employers in response to COVID-19 public health precautions. Generally speaking, Applications that demonstrate that the Broadband investments forming the basis of the Project will have a greater impact on telework capabilities will receive higher scores.

Exhibit C — Qualitative Attributes Form - Infrastructure Projects Only

Applicant Name: Huxley Communications Cooperative

The potential customers that we have been in communications with have been struggling with work from home scenarios related to the pandemic, and here is where offering up to gigabit service seems to be exciting the customers the most. With the FTTH service, even with students at home doing schoolwork, remote employees would still have the ability to attend video conferences while sharing files with clients and co-workers. We are excited and appreciative to have this opportunity to expand our network through this grant funding from the OCIO and the federal CARES Act.

(Maximum 1200 Characters / Actual = 573)

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Exhibit C.1 — Qualitative Attributes Form - Adoption Projects Only

Applicant Name: Huxley Communications Cooperative

Applicant must fill out and submit this form in order to comply with/supply the information/inputs requested by the Office pursuant to Section 3.B.1.2. (Qualitative Factors) of NOFA #003.

Note: If you need additional space to answer any of the below questions, please upload supplemental materials to the appropriate section of the Iowa Grants System ("Overflow Materials") as further described in Exhibit J Step 41. In addition, in connection with any of the following factors, Applicants may provide evidence of need in support of their Project by uploading materials through the Iowa Grants System, which materials demonstrate how communities, households, businesses, schools, or hospitals are hindered in their ability to respond to the challenges of COVID-19 due to a lack of at least 25/3 Broadband ("Supplemental Materials of Need") as further described in Exhibit J Step 41. Such evidence, by way of example only, may include letters signed and endorsed by community officials, including but not limited to the mayor, city administrator, county supervisor, superintendent, hospital administrator, etc.

1. Impact on Distance Learning, Telehealth and Telemedicine, and Telework

These factors take into consideration the impact of greater Broadband adoption in Iowa including first time usage or expanded bandwidth to a minimum level of 25/3 Broadband or faster to support increased distance learning, telehealth, and telework in response to the COVID-19 public health emergency.

Please answer or supply the Office with the following to assist it in scoring this factor:

- 1.1. Describe how your Broadband Adoption Project will facilitate distance learning in the State of Iowa, through Broadband improvements, in connection with school closings to enable compliance with COVID-19 precautions. Generally speaking, Applications that demonstrate that the Broadband investments forming the basis of the Project will have a greater impact on distance learning needs in their response will receive higher scores.

(Maximum 1200 Characters / Actual = 0)

- 1.2. Describe how your Broadband Adoption Project will facilitate telehealth and telemedicine services in the State of Iowa, through Broadband improvements, in connection with treating and responding to COVID-19. Generally speaking, Applications that demonstrate that the Broadband investments forming the basis of the Project will have a greater impact on telehealth and telemedicine will receive higher scores.

(Maximum 1200 Characters / Actual = 0)

- 1.3. Describe how your Broadband Adoption Project will facilitate increased telework capabilities in the State of Iowa, through Broadband improvements, in connection with remote work arrangements implemented by employers in response to COVID-19 public health precautions. Generally speaking, Applications that demonstrate that the Broadband investments forming the basis of the Project will have a greater impact on telework capabilities will receive higher scores.



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Exhibit C.1 — Qualitative Attributes Form - Adoption Projects Only

Applicant Name: Huxley Communications Cooperative

(Maximum 1200 Characters / Actual = 0)

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Exhibit D — Broadband Grants Program Budget Plan - Infrastructure Projects Only

Applicant Name: Huxley Communications Cooperative

Enter data for all columns with a light gray heading and associated white cells. The dark shaded fields are calculated fields based on associated entry.

Category (A)	Description (B)	Per Unit (C)	Quantity (D)	Estimated: Provide Upon Grant Application			Actuals: Provide Upon Project Completion (Do NOT fill out as part of Application process)	
				Total Estimated Cost \$ (E)	Requested Grant Support % (F)	Requested Grant Support \$ (G)	Actual Cost \$ (H)	Grant Award \$ (Lessor of Estimated Cost or Actual Cost) (I)
Conduit				\$15,300.00	50.00%	\$7,650.00	\$0.00	\$0.00
Fiber/Copper				\$6,500.00	50.00%	\$3,250.00	\$0.00	\$0.00
OSP Engineering				\$11,100.00	50.00%	\$5,550.00	\$0.00	\$0.00
Design Engineering				\$0.00	0.00%	\$0.00	\$0.00	\$0.00
Construction Mgmt.				\$0.00	0.00%	\$0.00	\$0.00	\$0.00
Tower				\$0.00	0.00%	\$0.00	\$0.00	\$0.00
Antenna				\$0.00	0.00%	\$0.00	\$0.00	\$0.00
Boring				\$10,000.00	50.00%	\$5,000.00	\$0.00	\$0.00
Trenching				\$0.00	0.00%	\$0.00	\$0.00	\$0.00
Knifing				\$10,610.00	50.00%	\$5,305.00	\$0.00	\$0.00
Switching Equipment				\$0.00	0.00%	\$0.00	\$0.00	\$0.00
Routing Equipment				\$0.00	0.00%	\$0.00	\$0.00	\$0.00
Optical Equipment				\$0,100.00	50.00%	\$0,050.00	\$0.00	\$0.00
Customer Premise Equipment				\$13,000.00	50.00%	\$6,500.00	\$0.00	\$0.00
Other				\$17,500.00	50.00%	\$8,750.00	\$0.00	\$0.00
Totals	N/A	N/A	N/A	\$468,483.29	N/A	\$234,241.65	\$0.00	\$0.00
END OF DATA								

*Please refer to NOFA #003 Sections 1.4.4 and 1.5.1.2 for more information regarding calculations used for this Exhibit.

**In addition to supplying the Office with a final version of Exhibit D in connection the reimbursement process including a statement of actual expenditures, the Office may request additional records as deemed necessary by the Office to verify such claimed expenditures. Such records may include original invoices, original itemized receipts, copies of checks, check registers, or bank statements indicating credit card invoices were paid, or similar documentation. Grantees must keep proof of the incurrence and payment of any and all claimed expenditures.

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