



415 Hepplewhite Dr.
Johns Creek, GA 30022
770-649-1886 / fax 770-645-6545
www.bodamer.com

Jeff R. Derouen, Executive Director
Kentucky Public Service Commission
211 Sower Boulevard
Frankfort, Kentucky 40601

RECEIVED

JAN 09 2015

PUBLIC SERVICE
COMMISSION

January 8, 2015

Re: Application for a Certificate of Public Convenience and Necessity

Dear Mr. Derouen:

Attached for your review is an Application for a Certificate of Public Convenience and Necessity for the construction of a fiber-to-the-premise (FTTP) network in Allen County on behalf of North Central Telephone Cooperative Corp., Inc.

Enclosed are one (1) original application and ten (10) copies. Also enclosed are one copy of the maps, plans, specs and drawings of the proposed construction in pdf format on compact disk and two (2) copies on paper.

Should you have any questions, please call me at 770-649-1886.

Sincerely,

A handwritten signature in cursive script that reads 'Eileen M Bodamer'.

Eileen M Bodamer, Consultant to North Central Telephone Cooperative Corp., Inc.

Enc.

Cc (via email): Bob Smith (NCTC)
Johnny McClanahan (NCTC)

JAN 09 2015

PUBLIC SERVICE
COMMISSION

COMMONWEALTH OF KENTUCKY
BEFORE THE PUBLIC SERVICE COMMISSION

In the Matter of:

THE APPLICATION OF NORTH CENTRAL)
TELEPHONE COOPERATIVE CORPORATION, INC.)
FOR A CERTIFICATE OF PUBLIC) Case No. _____
CONVENIENCE AND NECESSITY FOR THE)
CONSTRUCTION OF FIBER-TO-THE-PREMISE IN)
ALLEN COUNTY, KENTUCKY)

APPLICATION FOR CERTIFICATE OF PUBLIC CONVENIENCE AND NECESSITY
FOR CONSTRUCTION OF FIBER-TO-THE-PREMISE IN ALLEN COUNTY,
KENTUCKY

Pursuant to KRS 278.020 and 807 KAR 5:001, North Central Telephone Cooperative Corporation, Inc. ("NCTC") hereby submits this application for a certificate of public convenience and necessity ("CPCN") for the construction of Fiber-to-the-Premise ("FTTP") in the southern portion of its operating territory in Allen County, Kentucky.

1. Pursuant to **807 KAR 5:001 Section 14(1)**, contact information for NCTC is as follows:

North Central Telephone Cooperative Corporation, Inc.
872 Highway 52 By-Pass East / P.O. Box 70
Lafayette, TN 37083-0070
Attn: Johnny McClanahan
Tel: 615-666-2151
Email: johnny.mcclanahan@nctc.com

2. Pursuant to **807 KAR 5:001 Section 14(2)** NCTC is a Tennessee Corporation chartered as a nonprofit cooperative association and in good standing. The company is registered as a foreign corporation with the Commonwealth of Kentucky. Registration and incorporation documents are provided in Attachment A.

3. Pursuant to requirements of **807 KAR 5:001 Section 15(2)(a)** the following information is provided to show that the proposed construction is required by public convenience and necessity:

Description

NCTC proposes to place approximately 75 miles of new Fiber-to-the-Premise facilities in the Petroleum Remote Serving Area ("RSA"). These new facilities will provide fiber-optic service and broadband speeds of up to one Gbps to over 500 subscribers in the southern portion of Allen County. Once fully deployed and converted, the new plant will

replace existing copper facilities that currently serve the area and are at or beyond their useful life.

The majority of NCTC members in the targeted areas are unable to enjoy minimal broadband speeds as defined by the FCC as 4M up and 1M down (“4/1”). Those few able to achieve the 4/1 standard only do so because they are physically located in areas with short loop lengths and typically because NCTC has modified the network to support these speeds. Approximately 60% of area subscribers are limited to speeds of 512K or remain on very low speed dial up internet services.

4. In response to **807 KAR 5:001 Section 15(2)(b)** NCTC states that does not require franchise approval from any public authority to deploy the facilities described herein. Any highway or railway permits will be obtained prior to start of construction. The majority of this construction will be on private right-of-way way however NCTC will also apply for KDOT permits should some private ROW be unavailable.
5. Pursuant to **807 KAR 5:001 Section 15(2)(c)** NCTC provides the following information regarding the proposed construction:

The proposed location for this construction is the community of 500 subscribers in the southern portion of Allen County in the company’s Scottsville Rural exchange. This area is served exclusively by copper cable facilities fed from its Petroleum RSA. A map of the proposed construction is provided in Attachment B.

This construction is part of a Kentucky Regional Fiber Project and will enable NCTC to provide enhanced broadband services to 500 subscribers, the majority of whom are unable to obtain broadband at even minimal speeds. When complete, subscribers in the affected areas will be able to achieve speeds of up to 1G in both directions with the majority expected to initially request speeds between 6 and 12 Mbps.

NCTC will deploy 75 miles of FTTH plant. The distribution plant will extend from the existing Petroleum remote central office, which is located on Highway 31 in south Allen County.

Distribution facilities will serve all subscribers that live within the RSA boundary as shown in Attachment B.

Approximately 53 of the 75 route miles will be buried. End user premise equipment will be the Calix 716 GE line card. The equipment will allow for eight hours of battery back-up in the event of a power outage.

NCTC hopes to begin construction as early as February of 2015 and to be completed in approximately seven months. Customers will be migrated to the new FTTH facilities initially on an on-demand basis and then as warranted due to cost, maintenance, and other business considerations.

NCTC has no competition for fixed broadband services in the proposed construction area.

6. Pursuant to **807 KAR 5:001 Section 15(2)(d)** two copies of the required maps, plan, specs and drawings are being included with this application as well as one copy in pdf format on compact disk.
7. Pursuant to **807 KAR 5:001 Section 15(e)** the project will be financed as follows:

This project will is funded by RUS financing and subject to their specifications for OSP and customer premise cable. The initial cost of the FTTH plant is \$2.4M. End user electronic equipment for each premise converted will be approximately \$400, inclusive of labor. Funding for customer premise equipment will be from a combination of RUS loans, general funds, and, *if applicable*, end user installation fees.

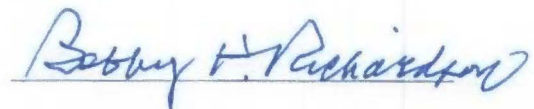
NCTC plans to finance all proposed construction, engineering and electronics using the traditional RUS loan (Tennessee V-545), which was approved on September 11, 2011.

NCTC does not anticipate any local telephone rate adjustments associated with the project *per se*. Because its ability to fund such projects, however, is contingent on its continued access to Universal Service Funding, NCTC anticipates that it may be required to raise rates by the Federal Communications Commission to meet future federal urban benchmarks.

8. In response to **807 KAR 5:001 Section 15(f)** NCTC has not estimated an ongoing cost of maintenance of the fiber upon completion. Upon information and belief, the company anticipates that its ongoing maintenance and provisioning costs will be no more than and likely less, than its costs for its current network.

Based on the foregoing, and in accordance with KRS 278.020, North Central Telephone Cooperative Corporation, Inc. respectfully requests that the Commission issue a CPCN for construction of fiber-to-the-premise in Allen County, Kentucky.

Respectfully submitted,



Bobby Richardson, Attorney
Richardson, Gardner & Alexander
117 E. Washington St.
Glasgow, KY 42141
270-651-8884; 270-651-3662 (fax)
BHR@rgba-law.com

UNITED STATES OF AMERICA

Commonwealth of Kentucky ⁶⁵⁰⁰⁷ Department of State



Office of Secretary of State

GEORGE GLENN HATCHER, SECRETARY

FOREIGN CORPORATION CERTIFICATE

I, GEORGE GLENN HATCHER, Secretary of State of the Commonwealth of Kentucky, hereby certify that certified copies of Articles of Incorporation.

of NORTH CENTRAL TELEPHONE COOPERATIVE CORPORATION
Name of Corporation

a corporation of the State of Tennessee, with home
Name of state

office at Lafayette, Tennessee; have or has been filed in
Address

my office. This corporation has complied with the existing laws of the Commonwealth of Kentucky, and this certificate is evidence that same is now authorized to transact business in this State, subject to the restrictions imposed by law.



SECRETARY OF STATE

Given under my signature and seal as

Secretary of State, this 12th day of

December 19 51
George Glenn Hatcher
Secretary of State

By *V. R. J.*
Deputy, Corporation Department

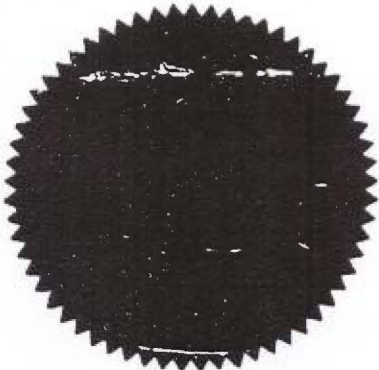
State of Tennessee



Department of State

I, James H. Cummings, Secretary of State of the State of Tennessee, do hereby certify that the annexed Instrument with Certificate of Acknowledgment was filed in my office and recorded on the 8th day of March 1951 in Corporation Record Book VOLUME O-17 page 183

In Testimony Whereof, I have hereunto subscribed my Official Signature and by order of the Governor, affixed the Great Seal of the State of Tennessee at the Department in the City of Nashville, this 8th day of



March

A.D. 19 51

James H. Cummings
 Secretary of State

GENERAL WELFARE

STATE OF TENNESSEE

Charter of Incorporation

Be It Known, That Calvin Gregory, Charles Merryman, Cordell Wilson, Johnnie Ferguson, Henry Sloan, W. B. Green and C. H. Crowder

are hereby constituted a body politic and corporate, by the name of and style of North Central Telephone Cooperative Corporation

for the purpose of furnishing, improving and expanding telephone service to its members and to other persons. The Corporation shall be a nonprofit cooperative association within the purview of paragraph 10 of Section 4146 Williams Tenn. Code Ann. (1934), which provides that "Nonprofit cooperative association may be incorporated and organized." It shall have and may exercise all powers, rights and privileges granted by law to corporations organized for this purpose.

The general powers of said corporation shall be: (1) To sue and be sued by the corporate name. (2) To have and use a common seal, which it may alter at pleasure; if no common seal, then the signature of the name of the corporation, by any duly authorized officer, shall be legal and binding. (3) Any corporation chartered under the laws of Tennessee for religious, charitable, educational, missionary, or other eleemosynary purposes, and not for profit, shall have the power to receive property, real, personal or mixed, by purchase, gift, devise, or bequest, sell the same and apply the proceeds toward the promotion of the objects for which it is created, or hold any such property and apply the income and profits towards such objects. (4) Any corporation heretofore chartered for any of the foregoing purposes, desiring to avail itself of these powers, shall submit the question to its directors or trustees at any regular meeting, or special meeting, called for the purpose, or to any regular or special meeting of its executive committee, and if a majority of said directors, trustees, or executive committee vote in favor of applying for the amendment, it may then proceed in usual course to file an amendment to its charter. (5) To establish by-laws, and make all rules and regulations not inconsistent with the laws and constitution, deemed expedient for the management of corporate affairs. (6) To appoint such subordinate officers and agents, in addition to a president and secretary, or treasurer, as the business of the corporation may require. (7) To designate the name of the office, and fix the compensation of the officer. (8) To borrow money to be used in payment of property bought by it, and for erecting buildings, making improvements, and for other purposes germane to the objects of its creation, and secure the repayment of the money thus borrowed by mortgage, pledge, or deed of trust, upon such property, real, personal, or mixed, as may be owned by it; and it may, in like manner, secure by mortgage, pledge, or deed of trust, any existing indebtedness which it may have lawfully contracted.

The said five or more corporators shall, within a convenient time after the registration of this charter, elect from their number a president, secretary, and treasurer, or the last two officers may be combined into one, said officers and the other corporators to constitute the first board of directors.

(Certificate of Probate for Subscribing Witness if not acknowledged by all of the Incorporators)

STATE OF TENNESSEE, COUNTY OF _____

Personally appeared before me _____
of said County, the within named _____

the subscribing witness and incorporator, with whom I am personally acquainted, and who acknowledged that he executed the within application for a Charter of Incorporation for the purposes therein contained and expressed; and the said _____, subscribing witness to the signatures subscribed to the within application, being first duly sworn, deposed and said that he is personally acquainted with the within named incorporators, _____

_____ and they did in his presence acknowledge that they executed the within application for a Charter of Incorporation for the purposes therein contained and expressed.

Witness my hand and official seal at office in _____, Tennessee, this _____ day of _____, 19_____.

(Signature of County Court Clerk
or Notary Public)

(If Notary Public) My commission expires _____ day of _____, 19_____.

(Official Title)

7-837

State of Tennessee



Department of State

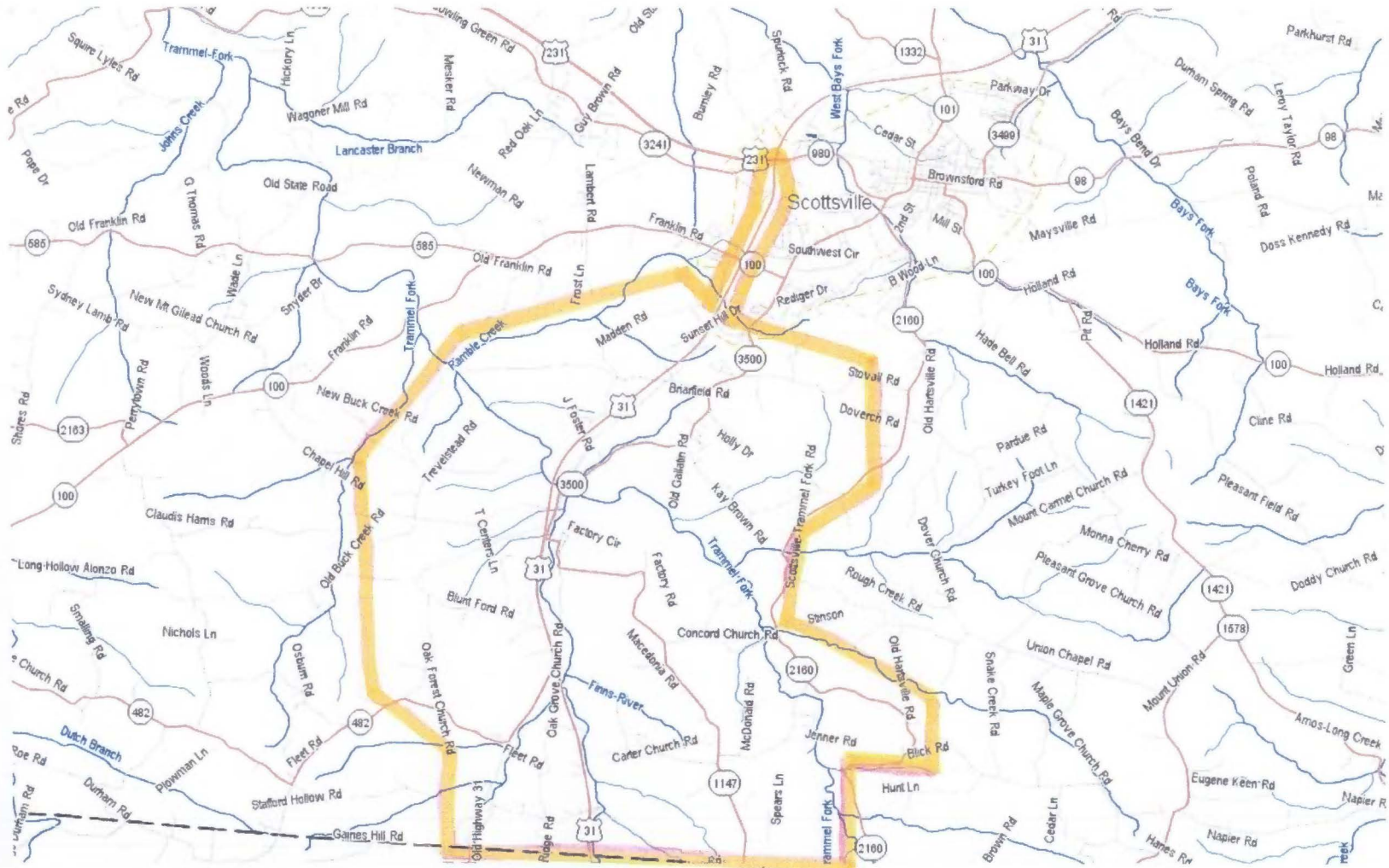
I, JAMES H. CUMMINGS, Secretary of State of the State of Tennessee, do certify that NORTH CENTRAL TELEPHONE COOPERATIVE CORPORATION was incorporated under the laws of the State of Tennessee on the 8th day of March, 1951.

I further certify that no amendments to the Articles of Incorporation of said corporation have been filed since the date of incorporation.



IN WITNESS WHEREOF, I have hereto affixed my signature and the Great Seal of the State, at Nashville, this 7TH day of DECEMBER in the year of our Lord nineteen hundred FIFTY-ONE.

James H. Cummings
Secretary of State



PETROLEUM
REMOTE
SERVING AREA

RECEIVED

JAN 09 2015

North Central Telephone Cooperative Corporation, Inc.
Application for a Certificate of Public Convenience and Necessity

PUBLIC SERVICE
COMMISSION

Plan and Specs

The proposed location for this construction is the community of 500 subscribers in the southern portion of Allen County in the company's Scottsville Rural exchange. This area is served exclusively by copper cable facilities fed from its Petroleum RSA.

Total Construction Estimate

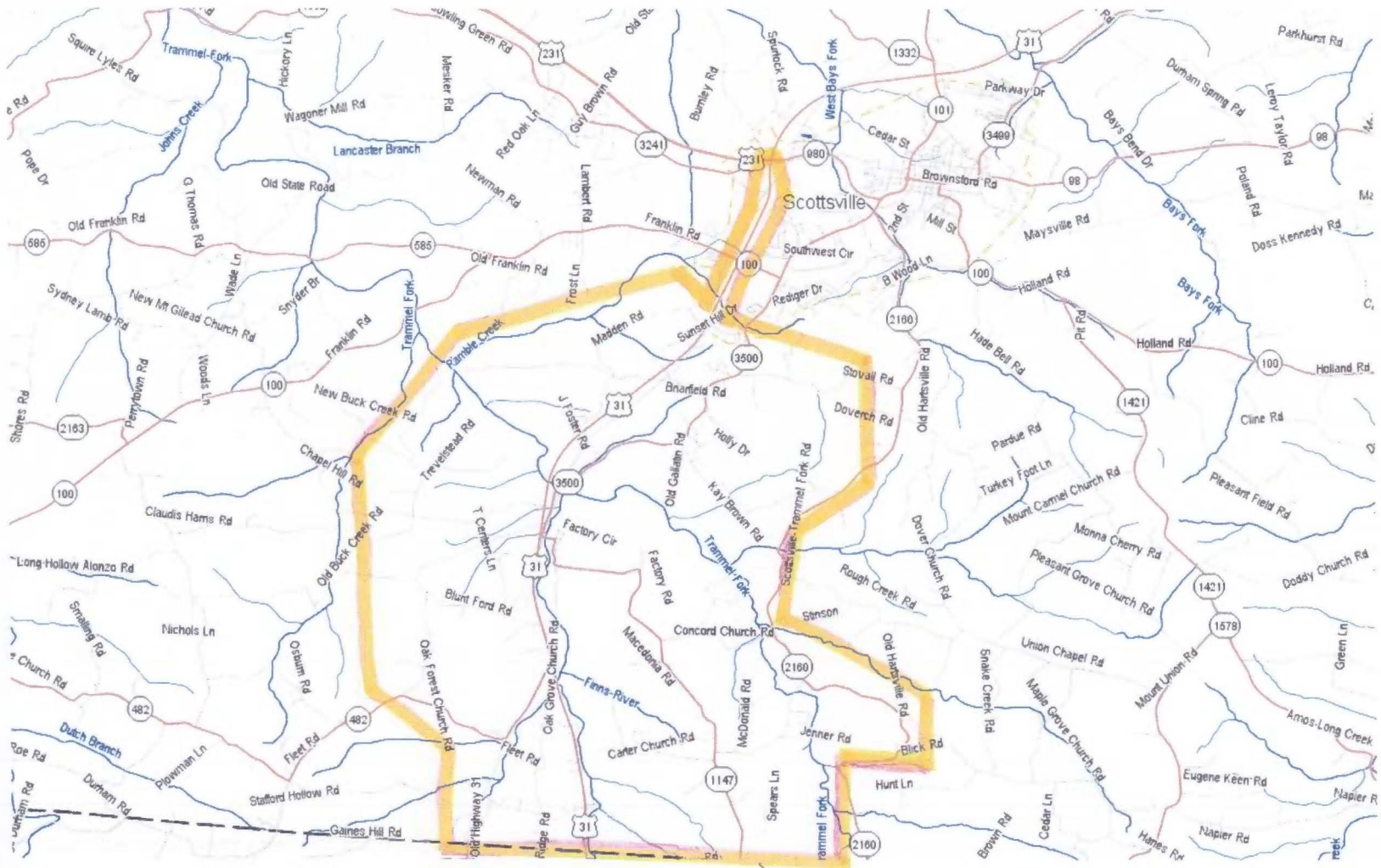
Drops	503
Route Miles	64.72
Drop Miles	<u>27.01</u>
Total Miles	91.73
OSP Estimate	\$2,404,660
Electronics Estimate	\$259,500
Engineering Estimate	<u>\$197,000</u>
Total Estimate	\$2,861,160

This construction is part of a Kentucky Regional Fiber Project and will enable NCTC to provide enhanced broadband services to 500 subscribers, the majority of whom are unable to obtain broadband at even minimal speeds. When complete, subscribers in the affected areas will be able to achieve speeds of up to 1G in both directions with the majority expected to initially request speeds between 6 and 12 Mbps.

NCTC will deploy 75 miles of FTTH plant. The distribution plant will extend from the existing Petroleum remote central office, which is located on Highway 31 in south Allen County.

Distribution facilities will serve all subscribers that live within the RSA boundary.

Approximately 53 of the 75 route miles will be buried. End user premise equipment will be the Calix 716 GE line card. The equipment will allow for eight hours of battery back-up in the event of a power outage.



PETROLEUM
REMOTE
SERVING AREA

RED STAG CONTRACTORS, LLC
NCTC PETROLEUM PROJECT BID

Unit Code	Unit	Description	Quantity	Bid		Bid	Bid	Bid Section Subtotals
				Labor	Material	Labor & Material	Lab. & Mat. Extended	
	A	30-4	14	201.25	360.00	561.25	7,857.50	
	A	30-5	15	201.25	320.00	521.25	7,818.75	
	A	35-4	25	230.00	440.00	670.00	16,750.00	
	A	35-5	17	230.00	400.00	630.00	10,710.00	
	A	40-4	6	258.75	584.00	842.75	5,056.50	
	A	40-5	2	258.75	520.00	778.75	1,557.50	
	A	45-4	7	287.50	792.00	1,079.50	7,556.50	
		Total A	86	-	-	-	-	57,306.75

	BA	3	33	57.50	43.20	100.70	3,323.10	
	BA	22	2	57.50	64.00	121.50	243.00	
		Total BA	35	-	-	-	-	3,566.10

	BDO	3	381	149.50	210.00	359.50	136,969.50	
	BDO	3A	29	149.50	218.00	367.50	10,657.50	
	BDO	4	42	149.50	235.60	385.10	16,174.20	
	BDO	4A	1	149.50	243.60	393.10	393.10	
	BDO	5	15	149.50	267.60	417.10	6,256.50	
	BDO	5A	1	149.50	291.60	441.10	441.10	
		Total BDO		-	-	-	-	170,891.90

	BFO	12	666	1.84	0.35	2.19	1,458.54	
	BFO	12I	1200	1.44	0.39	1.83	2,196.00	
	BFO	12W	63876	1.84	0.41	2.25	143,721.00	
	BFO	24	120	1.84	0.43	2.27	272.40	
	BFO	24I	1060	1.44	0.47	1.91	2,024.60	
	BFO	24W	33476	1.84	0.49	2.33	77,999.08	
	BFO	48	500	1.84	0.58	2.42	1,210.00	
	BFO	48I	1858	1.44	0.62	2.06	3,827.48	
	BFO	48W	64212	1.84	0.64	2.48	159,245.76	
	BFO	48 COIL	100	1.84	0.58	2.42	242.00	
	BFO	72	410	1.84	0.79	2.63	1,078.30	
	BFO	72I	2893	1.44	0.83	2.27	6,567.11	
	BFO	72W	46667	1.84	0.85	2.69	125,534.23	

RED STAG CONTRACTORS, LLC
NCTC PETROLEUM PROJECT BID

Unit Code	Unit	Description	Quantity	Bid Labor	Bid Material	Bid Labor & Material	Bid Lab. & Mat. Extended	Bid Section Subtotals
	BFO	72 COIL TOLL	50	1.84	0.79	2.63	131.50	
	BFO	96	60	1.96	0.99	2.95	177.00	
	BFO	96I	370	1.44	1.03	2.47	913.90	
	BFO	96W	15634	1.96	1.05	3.01	47,058.34	
	BFO	144	170	1.96	1.42	3.38	574.60	
	BFO	144I	595	1.44	1.46	2.90	1,725.50	
	BFO	144W	7159	1.96	1.48	3.44	24,626.96	
	BFO	144 COIL	180	1.96	1.42	3.38	608.40	
	BFO	288	270	1.96	2.58	4.54	1,225.80	
	BFO	288I	540	1.44	2.62	4.06	2,192.40	
	BFO	288W	5056	1.96	2.64	4.60	23,257.60	
	(BFO	72 TOLL	1006	2.07	0.79	2.86	2,877.16	
	& BFO	48 TOLL	1006	0.75	0.58	1.33	1,337.98	
	& BFO	288 DIST	1006	0.75	2.58	3.33	3,349.98	
	& BFO	288 DIST)DW	1126	0.75	2.64	3.39	3,817.14	
	(BFO	72 TOLL	1818	2.07	0.79	2.86	5,199.48	
	& BFO	144 DIST	1918	0.75	1.42	2.17	4,162.06	
	& BFO	288 DIST)DW	1818	0.75	2.64	3.39	6,163.02	
	(BFO	48 TOLL	15728	1.96	0.58	2.54	39,949.12	
	& BFO	72 DIST)DW	16642	0.58	0.85	1.43	23,798.06	
	(BFO	72 TOLL	2584	2.07	0.79	2.86	7,390.24	
	& BFO	288 DIST	2584	0.75	2.58	3.33	8,604.72	
	& BFO	144 DIST)DW	2684	0.75	1.48	2.23	5,985.32	
	(BFO	72 TOLL	696	1.96	0.79	2.75	1,914.00	
	& BFO	144 DIST)DW	736	0.58	1.48	2.06	1,516.16	
	(BFO	48 TOLL	3155	1.96	0.58	2.54	8,013.70	
	& BFO	24 DIST)DW	3295	0.58	0.49	1.07	3,525.65	
	(BFO	288 DIST	1108	2.07	2.58	4.65	5,152.20	
	& BFO	144 DIST	1108	0.75	1.42	2.17	2,404.36	
	& BFO	144 DIST	1108	0.75	1.42	2.17	2,404.36	
	& BFO	72 TOLL	1108	0.75	0.79	1.54	1,706.32	
	& BFO	48 TOLL)DW	1108	0.75	0.64	1.39	1,540.12	
	(BFO	72 TOLL	3070	1.96	0.79	2.75	8,442.50	
	& BFO	24 DIST)DW	3230	0.58	0.49	1.07	3,456.10	
	(BFO	72 TOLL	1708	1.96	0.79	2.75	4,697.00	
	& BFO	12 DIST)DW	1788	0.58	0.41	0.99	1,770.12	
	(BFO	288 DIST	7018	1.96	2.58	4.54	31,861.72	
	& BFO	72 DIST)DW	7518	0.58	0.85	1.43	10,750.74	
	(BFO	72 TOLL	2840	1.96	0.79	2.75	7,810.00	
	& BFO	72 DIST)DW	2880	0.58	0.85	1.43	4,118.40	

RED STAG CONTRACTORS, LLC
NCTC PETROLEUM PROJECT BID

Unit Code	Unit	Description	Quantity	Bid Labor	Bid Material	Bid Labor & Material	Bid Lab. & Mat. Extended	Bid Section Subtotals
	(BFO	48 TOLL	1368	2.07	0.58	2.65	3,625.20	
	& BFO	72 TOLL	1368	0.75	0.79	1.54	2,106.72	
	& BFO	288 DIST	1368	0.75	2.58	3.33	4,555.44	
	& BFO	288 DIST	1368	0.75	2.58	3.33	4,555.44	
	& BFO	144 DIST	1368	0.75	1.42	2.17	2,968.56	
	& BFO	144 DIST)DW	1448	0.75	1.48	2.23	3,229.04	
	(BFO	48 TOLL	4952	2.07	0.58	2.65	13,122.80	
	& BFO	72 TOLL	4952	0.75	0.79	1.54	7,626.08	
	& BFO	288 DIST	4952	0.75	2.58	3.33	16,490.16	
	& BFO	288 DIST	4952	0.75	2.58	3.33	16,490.16	
	& BFO	144 DIST)DW	5112	0.75	1.48	2.23	11,399.76	
	(BFO	48 TOLL	600	2.07	0.58	2.65	1,590.00	
	& BFO	72 TOLL	600	0.75	0.79	1.54	924.00	
	& BFO	288 DIST	600	0.75	2.58	3.33	1,998.00	
	& BFO	288 DIST	600	0.75	2.58	3.33	1,998.00	
	& BFO	48 DIST)DW	620	0.75	0.64	1.39	861.80	
	(BFO	48 TOLL	980	2.07	0.58	2.65	2,597.00	
	& BFO	72 TOLL	980	0.75	0.79	1.54	1,509.20	
	& BFO	288 DIST	980	0.75	2.58	3.33	3,263.40	
	& BFO	144 DIST	980	0.75	1.42	2.17	2,126.60	
	& BFO	144 DIST)DW	1000	0.75	1.48	2.23	2,230.00	
				-	-	-	-	
		Total BFO	381664					946,853.59

BM	2(5/8)(8)	474	11.50	24.80	36.30	17,206.20
BM	2A	1	9.20	12.00	21.20	21.20
BM	53	375	17.25	40.00	57.25	21,468.75
BM	60(1.25)D	10417	9.20	0.80	10.00	104,170.00
BM	61(1)D	27	8.05	-	8.05	217.35
BM	61(3)D	60	11.50	-	11.50	690.00
BM	61(4)D	110	12.65	-	12.65	1,391.50
BM	61(5)D	60	13.80	-	13.80	828.00
BM	71	9985	11.52	-	11.52	115,027.20
BM	73	5	25.00	25.00	50.00	250.00
BM	80	184	11.50	20.80	32.30	5,943.20
BM	81	12	11.50	37.60	49.10	589.20
BM	82	16	11.50	48.00	59.50	952.00
BM	83	427	8.63	5.60	14.23	6,076.21
			-	-	-	-

RED STAG CONTRACTORS, LLC
NCTC PETROLEUM PROJECT BID

Unit Code	Unit	Description	Quantity	Bid Labor	Bid Material	Bid Labor & Material	Bid Lab. & Mat. Extended	Bid Section Subtotals
		Total BM						274,830.81

CO	12(10M)		5819	0.92	0.75	1.67	9,717.73	
CO	12(E)		14204	0.69	0.45	1.14	16,192.56	
CO	12 COIL		4130	0.69	0.45	1.14	4,708.20	
CO	24(10M)		7530	0.92	0.83	1.75	13,177.50	
CO	24(E)		6865	0.69	0.53	1.22	8,375.30	
CO	24 COIL		2584	0.69	0.53	1.22	3,152.48	
CO	48(10M)		13398	0.92	0.98	1.90	25,456.20	
CO	48(E)		6404	0.69	0.68	1.37	8,773.48	
CO	48 COIL		2790	0.69	0.68	1.37	3,822.30	
CO	72(10M)		9704	0.92	1.19	2.11	20,475.44	
CO	72(E)		6379	0.69	0.89	1.58	10,078.82	
CO	72 COIL		2200	0.69	0.89	1.58	3,476.00	
CO	96(10M)		150	0.92	1.39	2.31	346.50	
CO	96(E)		1932	0.69	1.09	1.78	3,438.96	
CO	96 COIL		580	0.69	1.09	1.78	1,032.40	
CO	144(10M)		3416	0.92	1.82	2.74	9,359.84	
CO	144(E)		9827	0.69	1.52	2.21	21,717.67	
CO	144 COIL		1300	0.69	1.52	2.21	2,873.00	
CO	288(10M)		8539	0.92	2.98	3.90	33,302.10	
CO	288(E)		4006	0.75	2.68	3.43	13,740.58	
CO	288 COIL		1200	0.75	2.68	3.43	4,116.00	
				-	-	-	-	
	Total CO		112957					217,333.06

HA	CO DIST L		32	117.30	917.00	1,034.30	33,097.60	
HA	CO DIST S		94	117.30	504.00	621.30	58,402.20	
				-	-	-	-	
	Total HA							91,499.80

HO	1		506	30.36	0.40	30.76	15,564.56	
HO	1N		503	30.36	0.40	30.76	15,472.28	
	PIGTAIL		503	11.50	12.80	24.30	12,222.90	
				-	-	-	-	
	Total HO							43,259.74

RED STAG CONTRACTORS, LLC
NCTC PETROLEUM PROJECT BID

Unit Code	Unit	Description	Quantity	Bid Labor	Bid Material	Bid Labor & Material	Bid Lab. & Mat. Extended	Bid Section Subtotals
	NID	O(2)2	353	82.60	119.20	201.80	71,235.40	
	NID	O(2)3	16	69.00	93.60	162.60	2,601.60	
	NID	O(2)5	23	92.00	160.80	252.80	5,814.40	
	NID	O(2)7	92	92.00	244.80	336.80	30,985.60	
	NID	O(2)8	15	120.75	304.00	424.75	6,371.25	
	NID	MDU(2)	1	159.30	925.60	1,084.90	1,084.90	
	NID	MDU(5)	2	159.30	967.20	1,126.50	2,253.00	
		Total NID		-	-	-	-	120,346.15
	PE	1-3G	173	34.50	56.24	90.74	15,698.02	
	PE	2-3G	7	40.25	96.64	136.89	958.23	
		Total PE		-	-	-	-	16,656.25
	PF	1-5A	41	115.00	56.00	171.00	7,011.00	
	PF	1-7A	1	143.75	120.00	263.75	263.75	
	PF	3-5A	37	95.00	70.00	165.00	6,105.00	
	PF	5-3A	30	115.00	64.00	179.00	5,370.00	
		Total PF		-	-	-	-	18,749.75
	PM	1	7	17.25	40.40	57.65	403.55	
	PM	2	38	23.00	60.00	83.00	3,154.00	
	PM	2A	114	6.90	11.92	18.82	2,145.48	
	PM	11	147	6.90	8.00	14.90	2,190.30	
	PM	52	263	11.50	24.00	35.50	9,336.50	
		Total PM		-	-	-	-	17,229.83
	R	2-5M	5518	3.16	-	3.16	17,436.88	
	R	3-5M	1960	3.05	-	3.05	5,978.00	
		Total R		-	-	-	-	23,414.88

RED STAG CONTRACTORS, LLC
 NCTC PETROLEUM PROJECT BID

Unit Code	Unit	Description	Quantity	Bid Labor	Bid Material	Bid Labor & Material	Bid Lab. & Mat. Extended	Bid Section Subtotals
		Total XX						2,921.00
		Totals					2,202,317.22	
		Section	Totals					2,202,317.22

BM21 Units & Other Miscellaneous Splicing Units	202,343.45
Contract Total	\$2,404,660.67