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OPPORTUNITY & PACKAGE DETAILS:

Opportunity Number:	NTIA-CMCPP-2021
Opportunity Title:	Connecting Minority Communities Pilot Program
Opportunity Package ID:	PKG00268412
CFDA Number:	11.028
CFDA Description:	Connecting Minority Communities Pilot Program
Competition ID:	NTIA-CMCPP-2021
Competition Title:	Connecting Minority Communities Pilot Program
Opening Date:	08/03/2021
Closing Date:	12/01/2021
Agency:	National Telecommunications and Information Admini
Contact Information:	Christopher Holt Broadband Communications Specialist E-mail: cholt@ntia.gov Phone: 202.482.4884

APPLICANT & WORKSPACE DETAILS:

Workspace ID:	WS00805198
Application Filing Name:	Oklahoma State University Institute of Technology
DUNS:	0786459750000
Organization:	OKLAHOMA STATE UNIVERSITY
Form Name:	Application for Federal Assistance (SF-424)
Form Version:	3.0
Requirement:	Mandatory
Download Date/Time:	Jan 07, 2022 03:00:14 PM EST
Form State:	No Errors

FORM ACTIONS:

Application for Federal Assistance SF-424

* 1. Type of Submission: <input type="checkbox"/> Preapplication <input checked="" type="checkbox"/> Application <input type="checkbox"/> Changed/Corrected Application		* 2. Type of Application: <input checked="" type="checkbox"/> New <input type="checkbox"/> Continuation <input type="checkbox"/> Revision		* If Revision, select appropriate letter(s): <div style="border: 1px solid black; height: 15px; width: 100%;"></div> * Other (Specify): <div style="border: 1px solid black; height: 15px; width: 100%;"></div>	
* 3. Date Received: <div style="border: 1px solid black; padding: 2px;">Completed by Grants.gov upon submission.</div>		4. Applicant Identifier: <div style="border: 1px solid black; padding: 2px;">OSUIT</div>			
5a. Federal Entity Identifier: <div style="border: 1px solid black; height: 15px; width: 100%;"></div>			5b. Federal Award Identifier: <div style="border: 1px solid black; height: 15px; width: 100%;"></div>		
State Use Only:					
6. Date Received by State: <div style="border: 1px solid black; width: 80px; height: 15px;"></div>		7. State Application Identifier: <div style="border: 1px solid black; width: 300px; height: 15px;"></div>			
8. APPLICANT INFORMATION:					
* a. Legal Name: <div style="border: 1px solid black; padding: 2px;">Oklahoma State University Institute of Technology</div>					
* b. Employer/Taxpayer Identification Number (EIN/TIN): <div style="border: 1px solid black; padding: 2px;">73-1383996</div>			* c. Organizational DUNS: <div style="border: 1px solid black; padding: 2px;">0786459750000</div>		
d. Address:					
* Street1: <div style="border: 1px solid black; padding: 2px;">1801 East 4th Street</div>		<div style="border: 1px solid black; height: 15px; width: 100%;"></div>			
Street2: <div style="border: 1px solid black; height: 15px; width: 100%;"></div>		<div style="border: 1px solid black; height: 15px; width: 100%;"></div>			
* City: <div style="border: 1px solid black; padding: 2px;">Okmulgee</div>		<div style="border: 1px solid black; height: 15px; width: 100%;"></div>			
County/Parish: <div style="border: 1px solid black; padding: 2px;">Okmulgee</div>		<div style="border: 1px solid black; height: 15px; width: 100%;"></div>			
* State: <div style="border: 1px solid black; padding: 2px;">OK: Oklahoma</div>		<div style="border: 1px solid black; height: 15px; width: 100%;"></div>			
Province: <div style="border: 1px solid black; height: 15px; width: 100%;"></div>		<div style="border: 1px solid black; height: 15px; width: 100%;"></div>			
* Country: <div style="border: 1px solid black; padding: 2px;">USA: UNITED STATES</div>		<div style="border: 1px solid black; height: 15px; width: 100%;"></div>			
* Zip / Postal Code: <div style="border: 1px solid black; padding: 2px;">74447-3942</div>		<div style="border: 1px solid black; height: 15px; width: 100%;"></div>			
e. Organizational Unit:					
Department Name: <div style="border: 1px solid black; padding: 2px;">Workforce & Economic Dev.</div>			Division Name: <div style="border: 1px solid black; height: 15px; width: 100%;"></div>		
f. Name and contact information of person to be contacted on matters involving this application:					
Prefix: <div style="border: 1px solid black; padding: 2px;">Mrs.</div>		* First Name: <div style="border: 1px solid black; padding: 2px;">Anna</div>			
Middle Name: <div style="border: 1px solid black; padding: 2px;">Alicia</div>		<div style="border: 1px solid black; height: 15px; width: 100%;"></div>			
* Last Name: <div style="border: 1px solid black; padding: 2px;">Dinsmore-Hearn</div>		<div style="border: 1px solid black; height: 15px; width: 100%;"></div>			
Suffix: <div style="border: 1px solid black; height: 15px; width: 100%;"></div>		<div style="border: 1px solid black; height: 15px; width: 100%;"></div>			
Title: <div style="border: 1px solid black; padding: 2px;">Grant Writer</div>					
Organizational Affiliation: <div style="border: 1px solid black; padding: 2px;">Oklahoma State University Institute of Technology</div>					
* Telephone Number: <div style="border: 1px solid black; padding: 2px;">19182935178</div>			Fax Number: <div style="border: 1px solid black; height: 15px; width: 100%;"></div>		
* Email: <div style="border: 1px solid black; padding: 2px;">anna.dinsmore@okstate.edu</div>					

Application for Federal Assistance SF-424

* 9. Type of Applicant 1: Select Applicant Type:

H: Public/State Controlled Institution of Higher Education

Type of Applicant 2: Select Applicant Type:

Type of Applicant 3: Select Applicant Type:

* Other (specify):

* 10. Name of Federal Agency:

National Telecommunications and Information Admini

11. Catalog of Federal Domestic Assistance Number:

11.028

CFDA Title:

Connecting Minority Communities Pilot Program

* 12. Funding Opportunity Number:

NTIA-CMCFP-2021

* Title:

Connecting Minority Communities Pilot Program

13. Competition Identification Number:

NTIA-CMCFP-2021

Title:

Connecting Minority Communities Pilot Program

14. Areas Affected by Project (Cities, Counties, States, etc.):

Add Attachment

Delete Attachment

View Attachment

* 15. Descriptive Title of Applicant's Project:

Investing in Student Success and Increasing Minority Workforce Participation Program

Attach supporting documents as specified in agency instructions.

Add Attachments

Delete Attachments

View Attachments

Application for Federal Assistance SF-424**16. Congressional Districts Of:*** a. Applicant * b. Program/Project

Attach an additional list of Program/Project Congressional Districts if needed.

17. Proposed Project:* a. Start Date: * b. End Date: **18. Estimated Funding (\$):**

* a. Federal	<input type="text" value="754,970.22"/>
* b. Applicant	<input type="text" value="0.00"/>
* c. State	<input type="text" value="0.00"/>
* d. Local	<input type="text" value="0.00"/>
* e. Other	<input type="text" value="0.00"/>
* f. Program Income	<input type="text" value="0.00"/>
* g. TOTAL	<input type="text" value="754,970.22"/>

*** 19. Is Application Subject to Review By State Under Executive Order 12372 Process?**

- ☐ a. This application was made available to the State under the Executive Order 12372 Process for review on .
- ☐ b. Program is subject to E.O. 12372 but has not been selected by the State for review.
- ☒ c. Program is not covered by E.O. 12372.

*** 20. Is the Applicant Delinquent On Any Federal Debt? (If "Yes," provide explanation in attachment.)**☐ Yes ☒ No

If "Yes", provide explanation and attach

21. *By signing this application, I certify (1) to the statements contained in the list of certifications** and (2) that the statements herein are true, complete and accurate to the best of my knowledge. I also provide the required assurances** and agree to comply with any resulting terms if I accept an award. I am aware that any false, fictitious, or fraudulent statements or claims may subject me to criminal, civil, or administrative penalties. (U.S. Code, Title 218, Section 1001)

☒ ** I AGREE

** The list of certifications and assurances, or an internet site where you may obtain this list, is contained in the announcement or agency specific instructions.

Authorized Representative:

Prefix: * First Name:

Middle Name:

* Last Name:

Suffix:

* Title: * Telephone Number: Fax Number: * Email: * Signature of Authorized Representative: * Date Signed:

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Workspace ID:	WS00805198
Application Filing Name:	Oklahoma State University Institute of Technology
DUNS:	0786459750000
Organization:	OKLAHOMA STATE UNIVERSITY
Form Name:	Budget Information for Non-Construction Programs (SF-424A)
Form Version:	1.0
Requirement:	Mandatory
Download Date/Time:	Jan 11, 2022 10:48:42 AM EST
Form State:	No Errors

FORM ACTIONS:

BUDGET INFORMATION - Non-Construction Programs

OMB Number: 4040-0006
Expiration Date: 02/28/2022

SECTION A - BUDGET SUMMARY

Grant Program Function or Activity (a)	Catalog of Federal Domestic Assistance Number (b)	Estimated Unobligated Funds		New or Revised Budget		
		Federal (c)	Non-Federal (d)	Federal (e)	Non-Federal (f)	Total (g)
1. Connecting Minority Communities Pilot Program	11.028	\$ 754,970.22	\$ 0.00	\$ 754,970.22	\$ 0.00	\$ 754,970.22
2.						
3.						
4.						
5. Totals		\$ 754,970.22	\$ 0.00	\$ 754,970.22	\$ 0.00	\$ 754,970.22

SECTION B - BUDGET CATEGORIES

6. Object Class Categories	GRANT PROGRAM, FUNCTION OR ACTIVITY				Total (5)
	(1)	(2)	(3)	(4)	
	Connecting Minority Communities Pilot Program				
a. Personnel	\$ 182,172.84	\$	\$	\$	\$ 182,172.84
b. Fringe Benefits	55,396.53				55,396.53
c. Travel	12,400.00				12,400.00
d. Equipment	70,100.00				70,100.00
e. Supplies	114,250.00				114,250.00
f. Contractual	0.00				0.00
g. Construction	0.00				0.00
h. Other	74,800.00				74,800.00
i. Total Direct Charges (sum of 6a-6h)	509,119.37				\$ 509,119.37
j. Indirect Charges	245,850.85				\$ 245,850.85
k. TOTALS (sum of 6i and 6j)	\$ 754,970.22	\$	\$	\$	\$ 754,970.22
7. Program Income	\$ 0.00	\$	\$	\$	\$ 0.00

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Prescribed by OMB (Circular A -102) Page 1A

SECTION C - NON-FEDERAL RESOURCES				
(a) Grant Program	(b) Applicant	(c) State	(d) Other Sources	(e) TOTALS
8. Connecting Minority Communities Pilot Program	\$ 0.00	\$ 0.00	\$ 0.00	\$ 0.00
9.				
10.				
11.				
12. TOTAL (sum of lines 8-11)	\$ 0.00	\$ 0.00	\$ 0.00	\$ 0.00

SECTION D - FORECASTED CASH NEEDS					
	Total for 1st Year	1st Quarter	2nd Quarter	3rd Quarter	4th Quarter
13. Federal	\$ 0.00	\$ 0.00	\$ 0.00	\$ 0.00	\$ 0.00
14. Non-Federal	\$ 0.00	\$ 0.00	\$ 0.00	\$ 0.00	\$ 0.00
15. TOTAL (sum of lines 13 and 14)	\$ 0.00	\$ 0.00	\$ 0.00	\$ 0.00	\$ 0.00

SECTION E - BUDGET ESTIMATES OF FEDERAL FUNDS NEEDED FOR BALANCE OF THE PROJECT				
(a) Grant Program	FUTURE FUNDING PERIODS (YEARS)			
	(b) First	(c) Second	(d) Third	(e) Fourth
16. Connecting Minority Communities Pilot Program	\$ 481,246.42	\$ 273,723.80	\$ 0.00	\$ 0.00
17.				
18.				
19.				
20. TOTAL (sum of lines 16 - 19)	\$ 481,246.42	\$ 273,723.80	\$ 0.00	\$ 0.00

SECTION F - OTHER BUDGET INFORMATION	
21. Direct Charges: 509119.37	22. Indirect Charges: 245850.85
23. Remarks:	

ASSURANCES - NON-CONSTRUCTION PROGRAMS

Public reporting burden for this collection of information is estimated to average 15 minutes per response, including time for reviewing instructions, searching existing data sources, gathering and maintaining the data needed, and completing and reviewing the collection of information. Send comments regarding the burden estimate or any other aspect of this collection of information, including suggestions for reducing this burden, to the Office of Management and Budget, Paperwork Reduction Project (0348-0040), Washington, DC 20503.

PLEASE DO NOT RETURN YOUR COMPLETED FORM TO THE OFFICE OF MANAGEMENT AND BUDGET. SEND IT TO THE ADDRESS PROVIDED BY THE SPONSORING AGENCY.

NOTE: Certain of these assurances may not be applicable to your project or program. If you have questions, please contact the awarding agency. Further, certain Federal awarding agencies may require applicants to certify to additional assurances. If such is the case, you will be notified.

As the duly authorized representative of the applicant, I certify that the applicant:

1. Has the legal authority to apply for Federal assistance and the institutional, managerial and financial capability (including funds sufficient to pay the non-Federal share of project cost) to ensure proper planning, management and completion of the project described in this application.
2. Will give the awarding agency, the Comptroller General of the United States and, if appropriate, the State, through any authorized representative, access to and the right to examine all records, books, papers, or documents related to the award; and will establish a proper accounting system in accordance with generally accepted accounting standards or agency directives.
3. Will establish safeguards to prohibit employees from using their positions for a purpose that constitutes or presents the appearance of personal or organizational conflict of interest, or personal gain.
4. Will initiate and complete the work within the applicable time frame after receipt of approval of the awarding agency.
5. Will comply with the Intergovernmental Personnel Act of 1970 (42 U.S.C. §§4728-4763) relating to prescribed standards for merit systems for programs funded under one of the 19 statutes or regulations specified in Appendix A of OPM's Standards for a Merit System of Personnel Administration (5 C.F.R. 900, Subpart F).
6. Will comply with all Federal statutes relating to nondiscrimination. These include but are not limited to: (a) Title VI of the Civil Rights Act of 1964 (P.L. 88-352) which prohibits discrimination on the basis of race, color or national origin; (b) Title IX of the Education Amendments of 1972, as amended (20 U.S.C. §§1681-1683, and 1685-1686), which prohibits discrimination on the basis of sex; (c) Section 504 of the Rehabilitation Act of 1973, as amended (29 U.S.C. §794), which prohibits discrimination on the basis of handicaps; (d) the Age Discrimination Act of 1975, as amended (42 U.S.C. §§6101-6107), which prohibits discrimination on the basis of age; (e) the Drug Abuse Office and Treatment Act of 1972 (P.L. 92-255), as amended, relating to nondiscrimination on the basis of drug abuse; (f) the Comprehensive Alcohol Abuse and Alcoholism Prevention, Treatment and Rehabilitation Act of 1970 (P.L. 91-616), as amended, relating to nondiscrimination on the basis of alcohol abuse or alcoholism; (g) §§523 and 527 of the Public Health Service Act of 1912 (42 U.S.C. §§290 dd-3 and 290 ee- 3), as amended, relating to confidentiality of alcohol and drug abuse patient records; (h) Title VIII of the Civil Rights Act of 1968 (42 U.S.C. §§3601 et seq.), as amended, relating to nondiscrimination in the sale, rental or financing of housing; (i) any other nondiscrimination provisions in the specific statute(s) under which application for Federal assistance is being made; and, (j) the requirements of any other nondiscrimination statute(s) which may apply to the application.
7. Will comply, or has already complied, with the requirements of Titles II and III of the Uniform Relocation Assistance and Real Property Acquisition Policies Act of 1970 (P.L. 91-646) which provide for fair and equitable treatment of persons displaced or whose property is acquired as a result of Federal or federally-assisted programs. These requirements apply to all interests in real property acquired for project purposes regardless of Federal participation in purchases.
8. Will comply, as applicable, with provisions of the Hatch Act (5 U.S.C. §§1501-1508 and 7324-7328) which limit the political activities of employees whose principal employment activities are funded in whole or in part with Federal funds.

9. Will comply, as applicable, with the provisions of the Davis-Bacon Act (40 U.S.C. §§276a to 276a-7), the Copeland Act (40 U.S.C. §276c and 18 U.S.C. §874), and the Contract Work Hours and Safety Standards Act (40 U.S.C. §§327-333), regarding labor standards for federally-assisted construction subagreements.
10. Will comply, if applicable, with flood insurance purchase requirements of Section 102(a) of the Flood Disaster Protection Act of 1973 (P.L. 93-234) which requires recipients in a special flood hazard area to participate in the program and to purchase flood insurance if the total cost of insurable construction and acquisition is \$10,000 or more.
11. Will comply with environmental standards which may be prescribed pursuant to the following: (a) institution of environmental quality control measures under the National Environmental Policy Act of 1969 (P.L. 91-190) and Executive Order (EO) 11514; (b) notification of violating facilities pursuant to EO 11738; (c) protection of wetlands pursuant to EO 11990; (d) evaluation of flood hazards in floodplains in accordance with EO 11988; (e) assurance of project consistency with the approved State management program developed under the Coastal Zone Management Act of 1972 (16 U.S.C. §§1451 et seq.); (f) conformity of Federal actions to State (Clean Air) Implementation Plans under Section 176(c) of the Clean Air Act of 1955, as amended (42 U.S.C. §§7401 et seq.); (g) protection of underground sources of drinking water under the Safe Drinking Water Act of 1974, as amended (P.L. 93-523); and, (h) protection of endangered species under the Endangered Species Act of 1973, as amended (P.L. 93-205).
12. Will comply with the Wild and Scenic Rivers Act of 1968 (16 U.S.C. §§1271 et seq.) related to protecting components or potential components of the national wild and scenic rivers system.
13. Will assist the awarding agency in assuring compliance with Section 106 of the National Historic Preservation Act of 1966, as amended (16 U.S.C. §470), EO 11593 (identification and protection of historic properties), and the Archaeological and Historic Preservation Act of 1974 (16 U.S.C. §469a-1 et seq.).
14. Will comply with P.L. 93-348 regarding the protection of human subjects involved in research, development, and related activities supported by this award of assistance.
15. Will comply with the Laboratory Animal Welfare Act of 1966 (P.L. 89-544, as amended, 7 U.S.C. §§2131 et seq.) pertaining to the care, handling, and treatment of warm blooded animals held for research, teaching, or other activities supported by this award of assistance.
16. Will comply with the Lead-Based Paint Poisoning Prevention Act (42 U.S.C. §§4801 et seq.) which prohibits the use of lead-based paint in construction or rehabilitation of residence structures.
17. Will cause to be performed the required financial and compliance audits in accordance with the Single Audit Act Amendments of 1996 and OMB Circular No. A-133, "Audits of States, Local Governments, and Non-Profit Organizations."
18. Will comply with all applicable requirements of all other Federal laws, executive orders, regulations, and policies governing this program.
19. Will comply with the requirements of Section 106(g) of the Trafficking Victims Protection Act (TVPA) of 2000, as amended (22 U.S.C. 7104) which prohibits grant award recipients or a sub-recipient from (1) Engaging in severe forms of trafficking in persons during the period of time that the award is in effect (2) Procuring a commercial sex act during the period of time that the award is in effect or (3) Using forced labor in the performance of the award or subawards under the award.

SIGNATURE OF AUTHORIZED CERTIFYING OFFICIAL	TITLE
Anna A Dinsmore-Hearn	Grant Writer
APPLICANT ORGANIZATION	DATE SUBMITTED
Oklahoma State University Institute of Technology	11/19/2021

Standard Form 424B (Rev. 7-97) Back

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Workspace ID:	WS00805198
Application Filing Name:	Oklahoma State University Institute of Technology
DUNS:	0786459750000
Organization:	OKLAHOMA STATE UNIVERSITY
Form Name:	CD511 Form
Form Version:	1.1
Requirement:	Mandatory
Download Date/Time:	Jan 07, 2022 03:07:23 PM EST
Form State:	No Errors

FORM ACTIONS:

Applicants should also review the instructions for certification included in the regulations before completing this form. Signature on this form provides for compliance with certification requirements under 15 CFR Part 28, 'New Restrictions on Lobbying.' The certifications shall be treated as a material representation of fact upon which reliance will be placed when the Department of Commerce determines to award the covered transaction, grant, or cooperative agreement.

LOBBYING

As required by Section 1352, Title 31 of the U.S. Code, and implemented at 15 CFR Part 28, for persons entering into a grant, cooperative agreement or contract over \$100,000 or a loan or loan guarantee over \$150,000 as defined at 15 CFR Part 28, Sections 28.105 and 28.110, the applicant certifies that to the best of his or her knowledge and belief, that:

(1) No Federal appropriated funds have been paid or will be paid, by or on behalf of the undersigned, to any person for influencing or attempting to influence an officer or employee of any agency, a Member of Congress in connection with the awarding of any Federal contract, the making of any Federal grant, the making of any Federal loan, the entering into of any cooperative agreement, and the extension, continuation, renewal, amendment, or modification of any Federal contract, grant, loan, or cooperative agreement.

(2) If any funds other than Federal appropriated funds have been paid or will be paid to any person for influencing or attempting to influence an officer or employee of any agency, a Member of Congress, an officer or employee of Congress, or an employee of a member of Congress in connection with this Federal contract, grant, loan, or cooperative agreement, the undersigned shall complete and submit Standard Form-LLL, 'Disclosure Form to Report Lobbying,' in accordance with its instructions.

(3) The undersigned shall require that the language of this certification be included in the award documents for all subawards at all tiers (including subcontracts, subgrants, and contracts under grants, loans, and cooperative agreements) and that all subrecipients shall certify and disclose accordingly.

This certification is a material representation of fact upon which reliance was placed when this transaction was made or entered into. Submission of this certification is a prerequisite for making or entering into this transaction imposed by section 1352, title 31, U.S. Code. Any person who fails to file the required certification shall be subject to a civil penalty of not less than \$10,000 and not more than \$100,000 for each such failure occurring on or before October 23, 1996, and of not less than \$11,000 and not more than \$110,000 for each such failure occurring after October 23, 1996.

As the duly authorized representative of the applicant, I hereby certify that the applicant will comply with the above applicable certification.

* NAME OF APPLICANT

Oklahoma State University Institute of Technology

* AWARD NUMBER

NTIA-CMCP-2021

* PROJECT NAME

Investing in Student Success and Increasing
Minority Workfor

Prefix:

Mrs.

* First Name:

Anna

Middle Name:

Alicia

* Last Name:

Dinsmore-Hearn

Suffix:

* Title: Grant Writer

* SIGNATURE:

Completed by Grants.gov upon submission.

* DATE:

Completed by Grants.gov upon submission.

I. Program Narrative

Executive Summary:

Oklahoma State University Institute of Technology seeks to develop and implement the ***Investing in Student Success and Increasing Minority Workforce Participation Program***. This program will provide minority communities with broadband services and equipment as well as increase the talent pipeline of fiber technicians. OSUIT recognizes the need for universities to be a proactive participant within their communities to decrease the digital divide and enhance access to broadband services as well as increase the talent pipeline for Oklahoma's telecommunications industry.

Program objectives include providing access to broadband services and necessary equipment to low-income/in-need students and communities and developing and implementing an Advanced Fiber Technician Training program, with an emphasis on training for indigenous peoples and other minority populations within the identified communities.

OSUIT understands that universities play a vital role in community enhancement and believes that the ***Investing in Student Success and Increasing Minority Workforce Participation Program*** will address two critical issues being faced by Oklahoma's rural communities: *1) The availability of broadband services in Oklahoma's low-income communities and 2) A lack of skilled workers and high-quality training programs available for Fiber Technicians in Oklahoma's low-income, rural communities.*

To address the issues OSUIT will provide low-income/in-need students and community members with access to broadband internet service through broadband equipment (hotspots) and subsidized costs of broadband services to eligible individuals. OSUIT will Increase Oklahoma's pipeline of skilled Fiber Technicians through the development and implementation of an advanced fiber technician training program.

The ***Investing in Student Success and Increasing Minority Workforce Participation Program*** will be managed under OSUIT's Workforce and Economic Development department (WFED). WFED boasts a strong history of positive collaboration with industry, workforce development agencies and tribes. WFED has a staff of individuals that are award-winning and highly skilled in exceeding industry expectation and are committed to the inclusion of underrepresented individuals and communities.

Eligibility & Qualifications:

For the proposed NTIA-Connecting Minority Communities Program, Oklahoma State University Institute of Technology (OSUIT) will serve as the lead applicant. OSUIT has been designated by the U.S. Department of Education as a Native-American Serving, non-Tribal Institution (NASNTI).

OSUIT is a two-year institution with advanced technical career preparation as its primary mission. As a leader in applied technology education, OSUIT's programs of study lead to Associate in Applied Science degrees, Associate in Science degrees, and Bachelor of Technology degrees. OSUIT has 41 programs available which are accredited by the Higher Learning Commission (HLC) (5 BT, 7 AS, 27 AAS, and 2 Certificates). Additional accreditation by individual programs include Accreditation Commission for Education in Nursing (ACEN, formerly NLNAC) and Accreditation Board for Engineering and Technology (ABET).

OSUIT's student population for the 2020-2021 academic school year is 2,789, with the majority of students enrolled in advanced technical degree and certificate programs, as well as short-term customizable workforce training in critical infrastructure areas, including Construction Technologies, Energy Technologies, Engineering Technologies, Information Technologies, Automotive Technologies, Nursing & Health Sciences, and Bachelor of Technology in Information Technology, Advanced Technical Leadership, and Instrumentation.

Students attending OSUIT are often faced with financial challenges and depend heavily on financial aid (loans and grants) in order to attend school. During the 2020-2021 academic school year: 1,107 (37%) of OSUIT students were eligible to receive Federal Pell Grants; and 1,579 (57%) students received other needs-based financial aid from the Federal government, state, or OSUIT. OSUIT does not track information regarding students that qualify as low-income consumers/individuals and students who receive unemployment benefits. Approximately, 24.84% of OSUIT's students are from rural communities.

OSUIT is located in Okmulgee, Oklahoma. The proposed program will serve the communities located within the below census tract numbers which are located within a 15-mile radius of OSUIT.

Census Tract Number	Median Household Income	Poverty Threshold	250% Poverty Threshold
40111000200	\$28,373	\$20,335	\$50,838
40111000100	\$28,919	\$20,335	\$50,838
40111000300	\$29,148	\$20,335	\$50,838
40111000902	\$31,366	\$20,335	\$50,838
40091779900	\$38,810	\$20,335	\$50,838
40107080600	\$39,550	\$20,335	\$50,838

40111000800	\$41,859	\$20,335	\$50,838
4010708100	\$43,542	\$20,335	\$50,838
40111000400	\$43,704	\$20,335	\$50,838
40111000901	\$48,929	\$20,335	\$50,838

(Connecting Minority Communities Dashboard – Accessed November 3, 2021)

Table of Funded Project Participants and Unfunded Informal Collaborators:

Organization Name/Address	Administrative Role	Scope of Work	Proposed Funding Amount
Oklahoma State University Institute of Technology 1801 East 4 th Street, Okmulgee, OK 74447	Applicant	Provide services to at-need individuals by expanding access to broadband services and equipment as well as increase the talent pipeline of fiber technicians through the development and implementation of an advanced workforce training program.	\$754,970.22

Key Personnel:

Tim Caudle – (100% Federal). Tim will serve as the program’s Adjunct Instructor for the Advanced Fiber Technician Training program.

Professional Background & Experience:

Mr. Caudle has over twenty years of experience within the telecommunications industry and is currently an Adjunct Instructor for OSUIT’s Fiber Technician Lineman Training Program. Mr. Caudle is certified in various areas including Cable Fiber Splicing and has successfully completed various NCTI courses related to broadband installation.

Experience:

- Adjunct Instructor, Fiber Technician Training Program | OSU Institute of Technology | 2020 – Present
- Project Manager | Ervin Cable Construction | 2016 – 2020
- Independent contractor Owner/Operators | Technical Broadband Solutions | 2012 – 2016
- Director of Field Operations/Project Manager/Plant Manager/Technical Supervisor | Allegiance Communications | 2006 – 2012

- Lead Technician/Construction Coordinator | Charter Communications| 2001 - 2006

Professional Training & Certifications:

- Pole Climbing Instructor | Certified | 1991
- Cable Fiber Splicing Instructor | Certified | 1995
- Ladder Safety | Certified | 2002
- Bucket Truck & Aerial Lift | Certified | 2004
- Defensive Driving | Certified | 2005
- Completed NCTI Courses for Installer Technician, Service Technician, Broadband Digital Installer, and IP voice.

Nicole Hill – (25% Federal). Ms. Hill will be reassigned at 25% time to assist the Program Coordinator and other grant staff on programmatic duties.

Professional Background & Experience:

Ms. Hill is the current Administrative Assistant for OSUIT's Workforce & Economic Development department and is familiar with the development of custom training programs for industry. Ms. Hill began her career at OSUIT in 2019 as the Administrative Assistant for a Department of Defense grant that focused on Cybersecurity training for Oklahoma DoD contractors. Ms. Hill is knowledgeable of federal grant procedures, such as, participant tracking, reporting, and maintaining policy and procedures.

Experience:

- Senior Administrative Assistant | OSU Institute of Technology | 2019 – Present
- Sales Representative | Prime Communications | 2018 – 2019
- Travel Agent | Connexions Loyalty | 2015 – 2017
- Program Level Manager | Bio's Corporation | 2015 – 2017
- Habilitation Training Specialist | Brighter Day, Inc. | 2015 – 2016

Education, Training, & Certifications:

- Associate in Business Administration | Wright Career College, Tulsa, OK | May 2010
- Introduction to Microsoft Excel | Certificate of Completion | September 2020
- Administrative Assistant Fundamentals | Certificate of Completion | September 2020
- Office Safety Training | Certificate of Achievement | September 2020
- Fostering and Promoting a Culture of Diversity & Inclusion | Certificate of Completion | June 2020

Program Justification:

The overarching goal of the proposed program is to ***improve student services by expanding access to broadband services and equipment as well as increase the talent pipeline of fiber technicians through the development and implementation of an advanced workforce training program.***

Objectives:

To meet the goal two objectives have been identified: 1) Provide access to broadband services and necessary equipment to low-income/in-need students and community members; 2) Develop and implement an Advanced Fiber Technician Training program, with an emphasis on training for indigenous peoples and other minority populations within the identified communities, to increase the talent pipeline within Oklahoma's broadband industry.

OSUIT is committed to proactively addressing two critical issues being faced by Oklahoma: 1) *The availability of broadband services in Oklahoma's low-income communities and 2) A lack of skilled workers and high-quality training programs available for Fiber Technicians in Oklahoma's low-income, rural communities.*

Program Activities:

Activity #1: OSUIT proposes to use federal funding to provide low-income/in-need students and community members with access to broadband internet service through broadband equipment (hotspots) and subsidized broadband services to eligible individuals.

Oklahoma has undertaken massive efforts to increase broadband throughout the state, with an emphasis on rural communities. In 2010, the Oklahoma Community Anchor Network (OCAN) received a \$74 million dollar grant from the National Telecommunications and Information Administration (NTIA) to deliver reliable, affordable broadband services throughout Oklahoma (Oklahoma State Broadband Plan, 2019). The program resulted in the development of 1,100 miles of fiber infrastructure and an increase from 33 original connections to 92 connections from 2013 to 2019 (Oklahoma State Broadband Plan, 2019).

However, the COVID-19 pandemic has only exacerbated the importance of broadband availability to provide high-speed, reliable and affordable coverage to all individuals. Although Oklahoma has made great strides in ensuring all Oklahomans in rural communities have access to broadband services there are still communities where access is limited.

To further impact the availability of rural broadband services Oklahoma's Rural Broadband Expansion Council is leading the effort to identify and establish statewide broadband policies. OSUIT has had multiple conversations with Brian Whitacre, who is an Oklahoma State University Professor and serves on the Rural Broadband Expansion Council. If funded, OSUIT will invite a representative of Oklahoma's Rural Broadband Expansion Council to sit on the Advisory Committee for the proposed program.

The program will utilize federal funds to purchase hotspot and broadband internet services subscriptions for up to fifty individuals/students identified as low-income/at-need. Priority will be given to students that meet the following criteria:

- a) Students who are eligible to receive Federal Pell Grants;
- b) Students who receive any other need-based financial aid from the Federal Government, a State, or the eligible recipient;
- c) Students who are qualifying low-income consumers for the purposes of the program carried out under 47 C.F.R. part 54, subpart E, or any successor regulations.
- d) Students who are low-income individuals as that term is defined in section 312(g) of the Higher Education Act of 1965 (20 U.S.C. 1058(g)); or
- e) Students who have been approved to receive unemployment insurance benefits under any Federal or State law since March 1, 2020.

Activity #2: Increase Oklahoma's pipeline of skilled Fiber Technicians through the development and implementation of an advanced training program.

Low-income, rural communities face numerous challenges, including the lack of an available skilled, qualified workforce and access to broadband services. This results in long-term negative effects on the local labor market and poor business investment. Companies are hesitant to invest in economically distressed areas as these areas suggest a shrinking tax base, which leads to cuts in key services such as: law enforcement, lower-quality schools, and poorly maintained infrastructures (Greenstone and Looney, 2011). Leaders in the identified anchor communities continually receive feedback that companies do not want to invest due to the lack of a qualified and skilled workforce.

Recently, several Oklahoma rural electrical cooperatives applied for state ARPA funding to obtain fiber technician training for their incumbent workforce and new hires. OSUIT's WFED department has received multiple requests to provide advanced fiber training to the electrical cooperatives. However, OSUIT's WFED department lacks the funding to purchase the required equipment and supplies to provide the advanced training. If funded, OSUIT will be provided with the necessary funding to purchase the required supplies and equipment.

The program will use federal funds to purchase fiber splicing equipment including Fusion Splicer Kits, Quad Optical Time Domain Reflectometer (OTDR) BIMP Kits, and Max Testers. These items are used by qualified fiber technicians to test optical fibers to determine the transmission loss, detect and isolate faults, and splice broken or defective fibers in a manner that results in minimum transmission loss. Additionally, federal funds will be used to purchase associated supplies including, Fusion Splicer Kits with Cleavers, Optical Explorers, Essentials Toolkits, Work Benches, Textbooks, Laptops, and consumables. These supplies are essential to providing high quality advanced fiber technician training.

To meet training needs, OSUIT proposes the development and implementation of an Advanced Fiber Technician Training Program which will provide high-quality training to individuals, including incumbent workers, within the telecommunications industry, to increase and retain the talent pipeline within the identified anchor communities. This effort will be led by OSUIT's Workforce & Economic Development department (WFED), which has a proven history of developing effective training programs for industry. Most recently, the WFED has developed and implemented Introductory Fiber Technician Training programs for the Cherokee Nation and Muscogee Nation. These training programs have experienced immense success with thirty-six successful completers with the Cherokee Nation and twenty successful completers with the Muscogee Nation since their implementation in October 2020.

The proposed Advanced Fiber Technician Training Program will build upon the current Fiber Training programs and further enhance the skill sets of Fiber Technicians through the implementation of four advanced fiber courses which Oklahoma industry, rural electrical cooperatives, and subject matter experts have indicated a need:

Course Name	Description	Certification Obtained
Fiber Optics 1-2-3	This course provide hands-on skills training to provide the practical understanding and skills required to specify, install, test, and maintain fiber optic networks in many outside plant and inside plant applications.	ETA Fiber Optics Installer Certification, OSUIT Certificate of Completion
Certified Fiber to the Home Professional	This course focuses on the fundamentals of FTTH architecture, network design, deployment technology, and operational skills.	Fiber Broadband Association Certified Fiber to Home Professional, OSUIT Certificate of Completion

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OTDR & Testing Deep Dive Workshop & Emergency Restoration	<p>This course focuses on field testing and troubleshooting fiber optic spans/links and explains the various types of equipment and tools needed for acceptance testing, documenting performance, and finding problems in a fiber physical plant. The emphasis is on understanding proper OTDR settings, overall testing, and evaluating results.</p> <p>The Emergency Restoration topic focuses on fault location, troubleshooting, and test equipment with a heavy emphasis on hands-on skills training that simulates actual field restorations for both retrievable and non-retrievable slack scenarios.</p>	Twelve continuing education credits, OSUIT Certificate of Completion
Network Planning for Utilities	This course will address the unique issues in Network Planning for Utilities. Students will learn how to correctly plan and design networks to accommodate near term growth and allow for expansion to meet further growth. Students will learn about emerging patterns, changing population densities, and changing service requirements for various demographic regions and businesses.	OSUIT Certificate of Completion

OSUIT's proposed activities will begin April 1, 2022. The below table outlines the program's two-year schedule and key activities.

Key Activities 04/01/2022 – 03/31/2024	Year	
	1	2
a. Hire Program Coordinator and Adjunct Instructor(s)/Re-assign existing OSUIT staff to grant roles (Administrative Assistant).	x	
b. Recruit/Convene Advisory Committee (twice annually)	x	x
c. Development marketing strategy and market program	x	x
d. Develop course content/curriculum	x	
e. Purchase all required materials, supplies, equipment	x	
f. Setup classroom/lab space	x	
g. Cohorts #1 and #2 begin/complete program	x	
h. Cohorts #3, #4, and #5 begin/complete program		x
i. Evaluate courses and instructors (after each course ends); make revisions as necessary.	x	x
j. Conduct follow-up with participants to determine effectiveness of training.	x	x
k. Year 1 –Technical Progress Report	x	
l. Year 1 – Annual Report	x	
m. Year 2 – Technical Progress Report		x
n. Year 2 - Annual Report		x
o. Final Performance Report		x
Year 1: 4/1/2022 – 3/31/2023 Year 2: 4/1/2023 – 3/31/2024		

The below table outlines the program’s project schedule, including significant milestones which describe when and in what sequence the program’s activities will occur.

The proposed program and associated activities will be managed through OSUIT’s Workforce & Economic Development department (WFED). OSUIT’s Advanced Fiber Technician Training Program will be housed at OSUIT and will be managed by a Program Coordinator. The Coordinator will be accountable to the Associate Vice President of Workforce and Economic Development at OSUIT. The Coordinator will be on-boarded upon program funding.

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Project Schedule & Activities 4/1/2022 – 3/31/2024				
Activity #1: Provide low-income/in-need students and community members with access to broadband internet service through broadband equipment (hotspots) and subsidized broadband services to eligible individuals.				
Specific Tasks	Participants	Methods	Milestones	Time Frame (MM/YY)
Hire Program Coordinator	Asso. VP of Workforce & Economic Dev., Human Resources, Interview Committee	Post position, advertise, establish interview committee, hire according to HR procedures, provide orientation.	Program Coordinator is in place, orientation has begun, and program activities commence	4/2022 -05/2022
Reassign time and job responsibilities for Administrative Assistant / Contract with Adjunct Instructor	Asso. VP of Workforce & Economic Dev., Human Resources, Program Coordinator	Administrative Assistant will have 25% of her time reassigned. Contract for Adjunct Instructor will be developed.	Program staff in place and program activities commence	04/2022 – 05/2022
Recruit/Convene Advisory Committee	Program Coordinator, Administrative Assistant, Asso. VP of Workforce & Economic Dev.	Program staff will recruit industry representative to service on the Program's Advisory Committee. Committee meetings will be held twice a year.	Advisory Committee in place and ready to provide pertinent feedback on program activities	04/2022 -05/2022
Obtain quotes and purchase hotspot/broadband subscriptions/services	Program Coordinator, Administrative Assistant, Purchasing Dept., VP of Fiscal Services, Asso. VP of Technology Services	Post bid requests and review. Purchase hotspots and have available for use to individuals that meet program requirements.	At-need individuals will have access to broadband services through hotspots or subsidized subscription services	04/2022 – 05/2022
Develop and implement plan for outreach efforts for underrepresented individuals within in identified region Develop tracking system and eligibility forms for individuals to complete to obtain services.	Program Coordinator, Administrative Assistant	Develop plan to maximize outreach efforts for individuals in-need of hotspots/broadband services. Develop tracking system to maintain adequate records and eligibility forms	In-need individuals will made aware of services available through the program. Program staff will maintain adequate records of individuals obtaining services.	04/2022 – 06/2022 (initial development/ and implementation phase) Outreach efforts will remain ongoing through grant-funded program period.

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		to ensure all individuals meet NTIA/programmatic requirements for services.		
Activity #2: Increase Oklahoma's pipeline of skilled Fiber Technicians through the development and implementation of an advanced training program.				
Specific Tasks	Participants	Methods	Milestones	Time Frame (MM/YY)
Develop Advanced Fiber Courses	Program Coordinator, Adjunct Instructor, Advisory Committee, Asso. VP of Workforce & Economic Dev.	Develop four advanced fiber technician training courses	Four advanced fiber technician training courses will be developed meeting industry demands and increasing the talent pipeline within the identified region.	04/2022 – 06/2022
Purchase supplies/equipment for fiber courses Setup classroom/lab	Program Coordinator, Administrative Assistant, Adjunct Instructor, Purchasing Department	Purchase required supplies/equipment for fiber courses. Setup classroom space/lab	All supplies and equipment will be purchased and setup for classroom and lab instruction before the course(s) begin.	04/2022 – 05/2022
Recruit, enroll and provide training to students for Cohorts #1 and #2 Conduct instructor/course evaluations, refine courses as needed	Program Coordinator, Administrative Assistant, Adjunct Instructor	Recruit and enroll students into Cohorts #1 & #2 Develop tracking systems to obtain follow-up information from students upon course completion	Up to thirty students will complete advanced fiber courses and obtain upskilling during year #1 of the program period Conduct follow-up on students to determine wage increase and employment status after successful completion of the course(s)	06/2022 – 03/2023
Recruit, enroll and provide training to students Cohorts #3, #4, and #5 Conduct instructor/course	Program Coordinator, Administrative Assistant, Adjunct Instructor	Recruit and enroll students into Cohorts #3, #4, & #5 Develop tracking systems to obtain follow-up information from	Up to forty-five students will complete advanced fiber courses and obtain upskilling during year #1 of the program period	04/2023 – 03/2024

evaluations, refine courses as needed		students upon course completion	Conduct follow-up on students to determine wage increase and employment status after successful completion of the course(s)	
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Program Management:

The Program Coordinator will manage the business and fiscal aspects of the program in concert with the Associate Vice President. The Coordinator will develop protocols and systems to track all grant requirements. The Coordinator will monitor and coordinate all grant activities, deliverables, timelines, and expenditures to ensure all grant requirements are fully accomplished as well as write and submit all required reports in coordination with OSUIT's Grant Writer. The Coordinator will ensure applicable laws, regulations, and institutional policies governing the grant are followed.

The Coordinator and Associate Vice President will meet monthly to conduct strategic planning and monitor performance as well as conduct risk assessment and mitigation strategies.

The program's Advisory Committee will meet quarterly during the first year of the grant program and twice annually during year 2 of the grant program. The Advisory Committee will meet to review and refine program content. Financial management will be carried out by OSUIT's Accounting and Purchasing Offices, and the Office of Grants and Contracts.

The Administrative Assistant for OSUIT's Workforce & Economic Development will have 25% of her time reassigned to provide administrative assistance to the Program Coordinator.

To effectively market the proposed program OSUIT will develop a marketing strategy which outlines the purpose and methods for disseminating program information and identification of participants. Additionally, the Program Coordinator will connect with industry and students that successfully completed courses to obtain follow-up information that will capture program impact data and success stories. Success stories will be shared via email newsletters and social media posts as well as with the program's Advisory Committee.

Program Results & Evaluation:

The below table outlines the anticipated outcomes of the proposed training program. Each course will have a maximum of 15 students.

Y1	Y2	Jobs Accelerator Training Type
30/25	45/35	Began/Completed Fiber Optics 1-2-3
30/25	45/35	Began/Completed Certified Fiber to the Home Professional
30/25	45/35	Began/Completed OTDR & Testing Deep Dive Workshop & Emergency Restoration
30/25	45/35	Began/Completed – Network Planning for Utilities
20	30	Obtain broadband access through hotspots or subsidized broadband services
30/20	45/30	Increased wage upon completion of training
30/20	45/30	Obtained employed upon completion of training

The proposed program will directly impact minority communities through the purchase of broadband services and hotspots for low-income/at-need students and community members as well as develop and implement a workforce training program to enhance the fiber technician workforce.

The public benefit will be made through the outreach to underrepresented groups in lowincome, rural communities. An estimate of fifty individuals will receive access to internet services and equipment and an estimate of 75 individuals will obtain advanced, technical skills training in a high-wage industry. The implementation of OSUIT’s Advanced Fiber Technician Training program will elevate public interest in broadband and increase high-wage jobs in rural communities.

OSUIT is recognized as a leader in applied technology education and is known for its teaching facilities, partnerships with industry, and a nearly 90 percent career placement rate. OSUIT’s Workforce & Economic Development department (WFED) has over twenty years of experience in developing customized training programs for industry and applying best practices and strategic planning to coordinate non-credit, training programs to increase the talent pipeline throughout multiple industries. OSUIT’s WFED department boasts a highly skilled and awarding winning staff that exceeds industry’s expectations and is committed to the inclusion of underrepresented individuals and communities.

For example, on October 15, 2021, OSUIT WFED staff were honored by Cherokee Nation leaders as an outstanding educational training partner. WFED developed two certificate programs for the Cherokee Nation: High Voltage Lineman and Fiber Technician Training. Both programs have a waitlist and a 100% job placement rate upon successful completion. Additionally, WFED has a staff member that focuses on developing programs for Native American Tribes across Oklahoma

and was a graduate of Leadership Native Oklahoma’s 2021 class and is an active member of the American Indian Chamber of Commerce Oklahoma. Other WFED staff have been recognized for their efforts in moving OSUIT forward into the future through their innovations in teaching, learning, staff development, and student success and were awarded the 2020 League Excellence Award. Staff members were also the recipients of a 2021 NISOD Excellence Award for their work on the Campus Fiber Project.

To ensure maximum sustainability of OSUIT’s Jobs Accelerator Fiber Technician Training Program the Program Coordinator and AVP of Workforce & Economic Development will develop a Sustainability Framework at the commencement of the grant program. This Framework will include the following key elements:



OSUIT will actively seek additional grant funds to continue funding the program past the grant-funded program period (March 2024) including funding through other Federal Agencies and develop a strategy to obtain private funding. OSUIT will evaluate whether or not to add a course fee to students **after** the grant-funded program period ends. Finally, at the end of the grant funded program-period OSUIT will offer custom advanced fiber technician training to industry located throughout Oklahoma at the normal customized training costs rate. This income will be funneled back into the advanced training program to continue to maintain overhead and related program costs.

Certification Regarding Compliance (Attachment “A”)

Indirect Cost Rate Agreement (Attachment “B”)

Budget Narrative:

Oklahoma State University Institute of Technology is seeking funding in an amount of \$754,970.22 for the proposed grant program. The budget has been designed to cover expenses for a 24-month period beginning April 1, 2022 and ending March 31, 2024. All procurements with grant funds will be in accordance with applicable Federal, State, and local laws and regulations, including compliance with 2 CFR 200. Additionally, OSUIT's purchasing, and procurement practices are bound by policies established by the Board of Regents for the Oklahoma Agricultural & Mechanical Colleges and procedures set by the Oklahoma State University (OSU) Purchasing Department for OSU and the A&M Campuses in accordance with State law.

Salary: Program Coordinator (100% Federal, \$101,500.00), Administrative Assistant (25% Federal, \$14,672.84), and Adjunct Instructor (100% Federal, \$66,000.00).

(Federal Total: \$182,172.84)

Fringe: Fringe benefits for the Program Coordinator and Administrative Assistant is 41.85%. Fringe benefits for Adjunct Instructors is 10.27%. This rate includes FICA, Medicare, OK Teachers Retirement System (OTRS), OTRS Statutory Match, health insurance, dental insurance, vision insurance, life insurance, and long-term disability insurance. The Fringe Benefit rate used for this proposal is a provisional rate issued by the Office of Naval Research for FY21 for budgeting purposes only, actual rates negotiated with our cognizant agency, ONR, and in effect at the time of expenditure will be expensed.

(Federal Total: \$55,396.53)

Travel: Travel associated includes expenses for meetings, marketing, recruitment events, training. Overnight travel includes mileage, lodging, tolls, and per diem for train-the-trainer which is required for the Adjunct Instructor to complete before beginning course instruction. **(Federal Total: \$12,400.00)**

Supplies: Supplies included in the program budget include:

- \$1,500.00 – 1 instructor laptop computer
- \$1,500.00 – 1 Program Coordinator laptop
- \$6,000.00 – course textbooks for students
- \$22,500.00 – 15 student laptops to be checked out to students to use during class
- \$18,625.00 – 8 Fusion Splicer Kits w/Cleavers (\$3,725/ea.)
- \$13,500.00 – 8 Optical Explorers (\$2,700/ea.)
- \$29,625.00 – 20 Essential Toolkits w/meters and probes (\$1,975/ea.)
- \$5,000.00 – 10 workbenches (\$500/ea.)
- \$16,000.00 – miscellaneous supplies, including but not limited to, poms, splices, boxes, taps, fiber, bare wire, etc.

(Federal Total \$114,250.00)

Equipment: Equipment includes the purchase of:

- \$21,000.00 – 2 Fusion Splicer Kits which will be used to instruct students in the preparation of precision fiber splices which minimizes the scattering of light, resulting in less overall light loss (\$10,500/ea.).
- \$25,300.00 – 2 Quad Optical Time Domain Reflectometer (OTDR) BIPM Kits which will be used to instruct students in how to accurately measure light loss created by the fiber splice. The BIPM is a handheld unit which allows for the testing and inspection of optic fiber (\$12,650/ea.).
- \$23,800.00 – 2 MaxTesters which will be used by students to learn how to troubleshoot problems in live fiber (\$11,900/ea.).

(Federal Total \$70,100.00)

Other Direct Costs:

- \$4,800.00 is proposed for marketing materials.
- \$45,000.00 is proposed for broadband service at \$90/month. Twenty individuals may receive services in year 1 and thirty individuals in year 2. Maximum of ten-months per year for each individual.
- \$25,000.00 is proposed for hotspot subscriptions at \$50/each per month. Twenty individuals may receive services in year 1 and thirty in year 2. Maximum of ten-months per year for each individual.

(Federal Total \$74,800.00)

Indirect Costs: The Department of the Navy Negotiation Agreement documents OSUIT's federally negotiated indirect cost rate is 56%. The proposed budget includes **\$245,850.85** in indirect costs, which is not more than the 56% allowable rate. This rate is in effect until June 30, 2024. The Negotiation Agreement is provided as Attachment "B".

Total Program Costs: The total for all costs association for the program in the proposed budget is **\$754,970.22**

BUDGET CATEGORIES	UNIT	Year 1		Year 2		TOTAL COST
		April 1, 2022 - March 31, 2023	April 1, 2023 - March 31, 2024	April 1, 2023 - March 31, 2024	April 1, 2023 - March 31, 2024	
PROGRAM SALARY		\$	89,628.00	\$	92,544.84	\$ 182,172.84
Program Coordinator	100.00%	\$	50,000.00	\$	51,500.00	\$ 101,500.00
Administrative Assistant	25.00%	\$	7,228.00	\$	7,444.84	\$ 14,672.84
Adjunct Instructor	Varies	\$	32,400.00	\$	33,600.00	\$ 66,000.00
PROGRAM FRINGE		\$	27,277.40	\$	28,119.14	\$ 55,396.53
Program Coordinator	41.85%	\$	20,925.00	\$	21,552.75	\$ 42,477.75
Administrative Assistant	41.85%	\$	3,024.92	\$	3,115.67	\$ 6,140.58
Adjunct Instructor	10.27%	\$	3,327.48	\$	3,450.72	\$ 6,778.20
TRAVEL (In-State and Out-of-State)		\$	10,000.00	\$	2,400.00	\$ 12,400.00
Travel	multiple	\$	2,400.00	\$	2,400.00	\$ 4,800.00
Train-the-trainer registration fees	1	\$	5,000.00			\$ 5,000.00
Train-the-trainer travel	1	\$	2,600.00			\$ 2,600.00
MATERIALS AND SUPPLIES		\$	106,250.00	\$	8,000.00	\$ 114,250.00
Fusion Splicer Kit w/Cleaver - \$3,725 ea	8	\$	18,625.00			\$ 18,625.00
Optical Explorer - \$2,700 ea.	8	\$	13,500.00			\$ 13,500.00
Essentials Toolkit w/meter & probe - \$51,975ea	20	\$	29,625.00			\$ 29,625.00
Work Benches - \$500 ea.	10	\$	5,000.00			\$ 5,000.00
Poms, Splices, Boxes, Taps, Misc.	Varies	\$	8,000.00	\$	8,000.00	\$ 16,000.00
Course Textbooks - \$250 ea.	24	\$	6,000.00			\$ 6,000.00
Laptops 17 @ \$1500/ea.	17	\$	25,500.00			\$ 25,500.00
EQUIPMENT		\$	70,100.00	\$	-	\$ 70,100.00
Fusion Splicer Kit - \$10,500 ea.	2	\$	21,000.00			\$ 21,000.00
Quad OTDR BIMP Kit - \$12,650 ea.	2	\$	25,300.00			\$ 25,300.00
MaxTester - \$11,900 ea.	2	\$	23,800.00			\$ 23,800.00
OTHER DIRECT COST		\$	30,400.00	\$	44,400.00	\$ 74,800.00
Marketing		\$	2,400.00	\$	2,400.00	\$ 4,800.00
Broadband Service Subscription \$90/month for 50 Individuals	50	\$	18,000.00	\$	27,000.00	\$ 45,000.00
Hotspots 50 @ \$50/ea. per month	50	\$	10,000.00	\$	15,000.00	\$ 25,000.00
SUBTOTAL ESTIMATED COSTS		\$	333,655.40	\$	175,463.98	\$ 509,119.37
INDIRECT COST (F&A)						
OSUIT's negotiated indirect cost rate is 56%.	56%	\$	147,591.02	\$	98,259.83	\$ 245,850.85
TOTAL GRANT FUNDS BUDGET		\$	481,246.42	\$	273,723.80	\$ 754,970.22

3% increase per year

FY22 rates, FY23 are unknown at this time.
FY22 rates, FY23 are unknown at this time.
FY22 rates, FY23 are unknown at this time.

Average cost is \$90/month; Twenty individuals in Year 1; Thirty individuals in Year 2 - 10-months maximum per individual
Twenty maximum subscriptions in Year 1; Thirty maximum subscriptions in Year 2. 10-months subscription each year of the grant



DEPARTMENT OF THE NAVY
 OFFICE OF NAVAL RESEARCH
 875 NORTH RANDOLPH STREET
 SUITE 1425
 ARLINGTON, VA 22203-1995

IN REPLY REFER TO:

Agreement Date: June 21, 2021

NEGOTIATION AGREEMENT

**INSTITUTION: OKLAHOMA STATE UNIVERSITY
 STILLWATER, OK**

The Facilities and Administrative (F&A) Cost rates contained herein are for use on grants, contracts and/or other agreements issued or awarded to the Oklahoma State University by all Federal Agencies of the United States of America, in accordance with the provisions and cost principles mandated by 2 CFR Part 200. These rates shall be used for forward pricing and billing purposes for the Oklahoma State University Fiscal Years 2022 through 2024. This rate agreement supersedes all previous rate agreements/determinations related to these rates for Fiscal Years 2022 through 2024.

Section I: RATES - TYPE: PREDETERMINED (PRED)

<u>TYPE</u>	<u>FROM</u>	<u>TO</u>	<u>ON CAMPUS</u>	<u>OFF CAMPUS</u>	<u>BASE</u>	<u>APPLICABLE TO</u>
<u>Stillwater Campus*</u>						
Pred	7/1/21	6/30/24	49.8%	26.0%	(a)	Instruction
Pred	7/1/21	6/30/24	49.6%	27.7%	(a)	Research
Pred	7/1/21	6/30/24	37.8%	26.3%	(a)	Extension
<u>Institute of Technology**</u>						
Pred	7/1/21	6/30/24	56.0%	26.0%	(a)	All Programs
<u>Oklahoma City Campus</u>						
Pred	7/1/21	6/30/24	50.9%	26.0%	(a)	All Programs
<u>Center for Health Sciences</u>						
Pred	7/1/21	6/30/24	33.4%	23.2%	(a)	All Programs
<u>Tulsa Campus</u>						
Pred	7/1/21	6/30/24	49.6%	N/A	(a)	All Programs

*Rates also applicable to Oklahoma State University Research Foundation (formerly known as Oklahoma State University Center for Innovation and Economic Development, Inc. (CIED)).

** Formerly Okmulgee Campus

DISTRIBUTION BASE

- (a) Modified Total Direct Costs (MTDC), as defined in 2 CFR Part 200, consisting of all direct salaries and wages, applicable fringe benefits, materials and supplies, services, travel, and subawards and up to the first \$25,000 of each subaward (regardless of the period covered by the subawards under the award). MTDC excludes equipment, capital expenditures, charges for patient care, rental costs, tuition remission, scholarships and fellowships, participant support costs and the portion of each subaward in excess of \$25,000.

SECTION II - GENERAL TERMS AND CONDITIONS

A. LIMITATIONS: Use of the rates set forth under Section I is subject to availability of funds and to any other statutory or administrative limitations. The rates are applicable to a given grant, contract or other agreement only to the extent that funds are available and consistent with any and all limitations of cost clauses or provisions, if any, contained therein. Acceptance of any or all of the rates agreed to herein is predicated upon the following conditions: (1) that no costs other than those incurred by the institution were included in this indirect cost pool as finally accepted and that such costs are legal obligations of the institution and allowable under governing cost principles; (2) that the same costs that have been treated as indirect costs are not claimed as direct costs; (3) that similar types of costs have been accorded consistent accounting treatment; and (4) that the information provided by the institution which was used as a basis for acceptance of the rates agreed to herein, and expressly relied upon by the Government in negotiating and accepting the said rates is not subsequently found to be materially incomplete or inaccurate.

B. ACCOUNTING CHANGES: The rates contained in Section I of this agreement are based on the accounting system in effect at the time the agreement was negotiated. Changes to the method(s) of accounting for costs, which affect the amount of reimbursement resulting from the use of these rates require the prior written approval of the authorized representative of the cognizant agency for indirect costs. Such changes include but are not limited to changes in the charging of a particular type of cost from indirect to direct. Failure to obtain such approval may result in subsequent cost disallowances.

C. PREDETERMINED RATES: The predetermined rates contained in this agreement are not subject to adjustment in accordance with the provisions of 2 CFR Part 200, subject to the limitations contained in Part A of this section.


D. USE BY OTHER FEDERAL AGENCIES: The rates set forth in Section I are negotiated in accordance with and under the authority set forth in 2 CFR Part 200. Accordingly, such rates shall be applied to the extent provided in such regulations to grants, contracts, and other agreements to which 2 CFR Part 200 applies, subject to any limitations in part A of this section. Copies of this document may be provided by either party to other federal agencies to provide such agencies with documentary notice of this agreement and its terms and conditions.

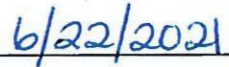
E. **DFARS WAIVER:** Signature of this agreement by the authorized representative of Oklahoma State University and the Government acknowledges and affirms the University's request to waive the prohibition contained in DFARS 231.303(1) and the Government's exercise of its discretion contained in DFARS 231.303(2) to waive the prohibition in DFARS 231.303(1). The waiver request by Oklahoma State University is made to simplify the University's overall management of DoD cost reimbursements under DoD contracts.

F. **SPECIAL REMARKS:** The Government's agreement with the rates set forth in Section I is not an acceptance of the Oklahoma State University's accounting practices or methodologies. Any reliance by the Government on cost data or methodologies submitted by Oklahoma State University is on a non-precedence-setting basis and does not imply Government acceptance.

Accepted:

FOR OKLAHOMA STATE UNIVERSITY:

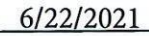

TAMERA ECK
Associate Vice President for Administration
And Finance


Date

FOR THE U.S. GOVERNMENT:

SNYDER.BETH.
A.1379326664
BETH A. SNYDER
Contracting Officer

Digitally signed by
SNYDER.BETH.A.1379326664
Date: 2021.06.22 14:20:57
-04'00'


Date

For information concerning this agreement contact:

Beth Snyder
Office of Naval Research
875 North Randolph Street
Arlington, VA 22203-1995

Phone: (703) 696-5755
E-mail: beth.snyder@navy.mil

Attachment A

Certification regarding Compliance with Statutory and Programmatic Requirements

On behalf of Oklahoma State University Institute of Technology (OSUIT) I, Anna Dinsmore-Hearn, hereby certify that my organization complied with the required statutory and programmatic conditions in submitting its application. I further certify that my organization is in compliance with the requirements regarding eligible uses for grant funds listed in 47 C.F.R. § 302.7, including the following statutory prioritization requirements:

1. *Student priority for the provision of broadband services, devices, and equipment.* The HBCUs, TCUs or MSI applicant must certify that if it receives a grant under this part to provide broadband internet access service or eligible equipment to students that it will, as a condition of that grant, prioritize students in need, in accordance with the following criteria:
 - a. Students who are eligible to receive Federal Pell Grants;
 - b. Students who receive any other need-based financial aid from the Federal Government, a State, or the eligible recipient;
 - c. Students who are qualifying low-income consumers for the purposes of the program carried out under 47 C.F.R. part 54, subpart E, or any successor regulations.
 - d. Students who are low-income individuals as that term is defined in section 312(g) of the Higher Education Act of 1965 (20 U.S.C. 1058(g)); or
 - e. Students who have been approved to receive unemployment insurance benefits under any Federal or State law since March 1, 2020.
1. *Prioritization of students and patrons without equipment and/or broadband access.* Any recipient that lends or provides eligible equipment to students or patrons must prioritize the lending or providing of such equipment or devices to students or patrons that the recipient believes do not have access to such equipment.

I agree that, if I or my organization knowingly provide false or inaccurate information in this certification, the organization shall:

1. Not be eligible to receive the grant under 47 C.F.R. Part 302;
2. Return any grant awarded under 47 C.F.R. Part 302 during the time that the certification was not valid; and
3. Not be eligible to receive any subsequent grants under 47 C.F.R. Part 302.

Signature of Authorized Organization Representative:



Title: Grant Writer

Date: 11/19/2021