Note Form instruct ons and def nit ons wi l be created to support the report. Instructional guidance and training will be developed. Number ng to be updated based on final approved form.

RECIPIENT NAME

Pen nsula F be Netwo k

OMB Control No.	0660-0052
Expirat on Date	4/30/2026

Middle Mile Grant Program Bi-Annual Performance Report

A. GENERAL INFORMATION

GENERAL

1a. Recip ent Organization	Pen nsula Fiber Network, LLC	1h. Award Ident fication Number	26-40-MM196
1b. Recipient Street Address	1901 W. Ridge St. Suite 2	1i. Report Date (MM/DD/YYYY)	10/30/2023
1c. City, State, and Zip Code	Marquette, MI 49855-2485	1j. Final Report	Yes ☐ No ☐
1d. Unique Entity Identif cation (UEI) Number	[redacted]	1k. Report Period Start Date (MM/DD/YYYY)	7/1/2023
1e. Award Start Date (MM/DD/YYYY)	7/1/2023	1l. Report Period End Date (MM/DD/YYYY)	9/30/2023
1f. Award End Date (MM/DD/YYYY)	6/30/2028		
1g. Name of Person Completing Report	[redacted]		

B. PROJECT NARRATIVE

PROJECT NARRATIVE

Please use the sect on below to p ov de a p oject na at ve of the p o ect(s).
Th s sect on a ms to help ev ewe s bette unde stand what p oject s be ng p oposed and steps taken to ach eve th s goal.

2a. A brief description of the recipient s organizat on and scope of work/project prior ties	Pen nsula F be Netwo ks, LLC (PFN) s a h gh-valued b oadband p ov de c eated n 2004 as a l m ted l ab l ty company taxed as a pa tne sh p whose membe s a e Ba aga Telephone Company (BTC) and H awatha Commun cat ons Inc. (HCI). PFN has bu t MM f be opt c netwo k spann ng >5,470 f be m les ac oss MI, WI, and MN, and p des tself on se v ce el ab l ty, stable h gh-th oughput, and a low latency self-heal ng netwo k fo ou custome s end-use s. PFN offe s state-of-the a t ca e g ade data t anspo t se v ces nclud ng opt cal t ansm ss on, next gene at on IP solut ons, h gh volume Co e Inte net access, cellula backhaul, Next Gene at on 911 (NG911) Call Management System Se v ces, tandem sw tch ng, and local exchange vo ce se v ces to 433 un que custome s. Notably, PFN s the sole-sou ce p ov de of Next Gene at on 911 (NG911) Call Management System Se v ces to 82 of 83 count es n MI and n Flo ence County, WI. Pen nsula F be Netwo k, LLC (PFN) p o ect t tled Inf ast uctu e fo M ch gan s Pen nsulas and C t cal C oss ngs (MPACC) was developed to meet both the State of M ch gan and NTIA M ddle M le G ant (MMG) p og am goals to connect m ddle m le nf ast uctu e to last m le netwo ks that p ov de o plan to p ov de b oadband se v ce to households n unse ved a eas, to offe wholesale b oadband se v ces at easonable ates on a ca e -neut al bas s, and to st engthen nat onal secu ty.
2b. An overview of the signif cant outputs and outcomes to be accomplished in the project	To accompl sh these goals, PFN w ll const uct th ee outes that t ave se M ch gan s lakes and unse ved count es and towns b ng ng essent al m ddle m le nf ast uctu e fo ou state and nto u al count es se v ng ove 35,000 homes n need of b oadband nte net connect v ty. Route #1 By on Cente to Ch cago 1.1 Unde sea Ch cago to St Joseph 1.2 Unde sea Benton Ha bo to Ch cago 1.3 Ch cago Landfall to Fede al & Co mak (te est al) 1.4 By on Cente to Benton Ha bo /St Joseph (te est a) Route #2 Uppe Pen nsula (UP) to Beave Island to Cha levo x to Gaylo d 2.1 Gull ve to Lake MI (te est al) 2.2 Unde sea UP-Beave Island-Cha levo x 2.3 Cha levo x to Gaylo d (te est al) Route #3 Po t Hu on to Fl nt 3.1 On land f om Po t Hu on to IXC n Fl nt
2c. How would the project meet the recip ent s business and/or administrat ve need(s)?	Upon complet on, th s p oject w ll establ sh a cont nuous loop w th n PFN s netwo k connect ng the Uppe Pen nsula to the Lowe Pen nsula and extend ng to Ch cago c eat ng both edundancy and el ab l ty fo those se ved along th s netwo k. The east s de oute f om Po t Hu on to Fl nt, when complete, w ll also connect to PFN s ex st ng netwo k p ov d ng edundancy and el ab l ty to a h sto cally mpove shed a ea. A l th ee outes w ll connect to 123NET s state-of-the-a t data cente . These benef ts along w th h gh-count f be st ands and an open access netwo k w ll p ov de PFN w th the oppo tun ty to monet ze each a ea of the outes wh le ma nta n ng fa low-cost p c ng fo ISPs.
2d. Prov de an overview of key accomplishments achieved for this report ng per od on the MM nfrastructure pro ect.	PFN 1.Subm ss on of all awa d ag eement equ ements CD-450, Lette of C ed t, Legal Counsel Op n on Lette . 2.Competitive p ocu ement wa ve app oved to continue wo k ng w th ou long-stand ng eng nee ng fi m, JSI. 3.App oval of ndependent util ty equest Routes 1, 2 and 3 t eated ndependently. 4.Subm ss on of env onmental assessment sections 2 and 3. 5.Responded to sk assessment questions f om NTIA. 6.Subm tted edacted oute maps fo NTIA s webs te. 7.Completed sub ec p ent sk assessment. 8.F nal zed & s gned memo of unde stand ng and engagement to beg n p el m na y wo k w th sub ec p ent, 123NET. 9.Sta ted l m ted notice to p oceed ag eement w th eng nee ng fi m, JSI. 10.Sta ted h ng p ocess fo a PFN - NTIA MM P oject Manage . 11.Sta ted p ocu ement p ocess fo unde wate eng nee and env onmental spec al st. 12.P epa ed fo fi st commun ty engagement v s t to Beave Island. 13.Weekly meetings w th FPO & GMS, eng nee ng fi m and sub ec p ent. 14.Identified all g ant equ ements and began p epa ations fo t a n ng staff, sub ec p ent and whe e needed the eng nee ng fi m. 123NET 15.Sta ted h ng p ocess fo g ant compl ance spec al st. 16.Began h gh level des gn fo Route 3 Po t Hu on to Fl nt. 17.L nes 1, 7, 8 and 13 n pa t o n full apply to 123NET as sub ec p ent. JSI 18.In tiated oute final zation to p epa e fo subm ss on of pe m ts. 19.Began desktop stud es fo te est al env onmental and cultu al assessment along outes and n gene al a eas. 20.Evaluating best oppo tun ties to fully each Ancho Institutions along p oposed outes. 21.C eating p el m na y const uction d aw ngs and un t ass gnments. 22.Sta ted out each to evaluate potential condu t outes nto Ch cago data cente s / IP t affic nte changes.
2e. Prov de any roadblock experienced during this reporting period impacting the expans on of the MM infrastructure project (i e., supply chain, ava labil ty of labor).	A cha lenge du ng th s epo t ng pe od s acqua nt ng all staff nvolved at PFN, JSI and 123NET w th the equ ed nat onal env onmental, h sto cal, and cultu al p ese vat on equ ements. All staff cu ently ass gned to the p o ect have begun wo k on spec f c tasks, wh le p epa ng fo potent al ad ustments esult ng f om the env onmental, cultu al and h sto cal assessments. PFN ema ns comm tted to compl ance.
2f. Provide any barriers to improving job quality exper enced during th s reporting period.	None.

C. INFRASTRUCTURE MILESTONE CATEGORIES AND PROJECT TIMELINE

TEGORIES AND PROJECT TIMELINE

Please use the cha t below to p ov de the sta t date and end date of you p oject.

OVERALL PROJECT	PROJECT DURATION	3a. PROJECT START DATE	3b. PROJECT END DATE
	1826	July 1, 2023	June 30, 2028

Please p ov de the sta t and end dates fo each m lestone catego y of you p o ect. The du at on s be based on the sta t and end dates of each catego y.

Please use the table p ov ded to nd cate you EXPECTED pe centage of complet on on a b -annual bas s fo each yea of you p o ect. Yea 1 beg ns w th you awa d sta t date.

The pe centage of complet on should be based p ma ly on the expend tu e of you p oject budget and should be epo ted cumulat vely f om awa d ncept on th ough the end of each sem -annual epo t ng pe od. Fo example, f you expect to complete a pa t cula m lestone w th n the f st th ee pe ods of you p o ect, the th d pe od and all subsequent pe ods should state 100%.

Please w te "0" n the du at on f eld f you p oject does not nclude an act v ty. If necessa y, please nse t add t onal m lestones at the end.

ANTICIPATED PROJECT MILESTONES	Year 1 Basel ne	Year 2 Baseline	Year 3 Baseline	Year 4 Baseline	Year 5 Basel ne

INFRASTRUCTURE MILESTONE CA

3c. MILESTONE CATEGORIES	3d. DURATION (Days)	3e. START DATE	3f. END DATE	Period 1 Jul-Sep 2023	Period 2 Oct-Mar 2024	Period 1 Apr-Sep 2024	Period 2 Oct-Mar 2025	Period 1 Apr-Sep 2025	Period 2 Oct-Mar 2026	Period 1 Apr-Sep 2026	Period 2 Oct-Mar 2027	Per od 1 Apr-Sep 2027	Period 2 Oct-Mar 2028
Owers I Project	1263	July 1, 2023	Decembe 15, 2026	0 41%	3.07%	14 60%	22 52%	24 85%	36 85%	98 98%	100%	100%	100%
Env ronmental Assessment	310	Octobe 10, 2023	August 15, 2024	0%	16.3%	100%	100%	100%	100%	100%	100%	100%	100%
Network Des gn	389	Septembe 8, 2023	Octobe 1, 2024	9.8%	85.4%	100%	100%	100%	100%	100%	100%	100%	100%
R ghts Of Way	242	Septembe 1, 2024	May 1, 2025	0%	0%	d 4%	66.1%	100%	100%	100%	100%	100%	100%
Construction Permits And Other Approvals	136	Septembe 1, 2024	Janua y 15, 2025	0%	0%	21.7%	100%	100%	100%	100%	100%	100%	100%
Site Preparat on	277	Octobe 1, 2024	July 5, 2025	0%	0%	0%	28.8%	100%	100%	100%	100%	100%	100%
Equipment Procurement	124	July 14, 2025	Novembe 15, 2025	0%	0%	0 0%	0%	59.5%	100%	100%	100%	100%	100%
Network Build (a l components - owned, leased, indefeasible Rights of Use, etc.)	491	June 1, 2025	Octobe 5, 2026	0%	0%	0%	0.30%	0.30%	0.60%	100%	100%	100%	100%
Equipment Deployment	39	Septembe 1, 2026	Octobe 10, 2026	0%	0%	0%	0%	0%	0%	66.7%	100%	100%	100%
Network Testing	39	Octobe 10, 2026	Novembe 18, 2026	0%	0%	0%	0%	0%	0%	0%	100%	100%	100%
Status of Procurement	934	Octobe 10, 2023	May 1, 2026	0%	2 0%	22.0%	44.3%	46.2%	98.0%	100%	100%	100%	100%
Other (please specify) LOC, Post NOFO Pre-Award Expense, Contract Close-Out	1263	July 1, 2023	Decembe 15, 2026	28.4%	28.4%	28.4%	28.4%	28.4%	28.4%	28.4%	100%	100%	

% OF PROJECT COMPLETION

Please use the table p ov ded to nd cate you ACTUAL pe centage of complet on on a b -annual bas s fo each yea of you p oject. Yea 1 beg ns w th you awa d sta t date.

The pe centage of complet on should be based p ma ly on the expend tu e of you p oject budget and should be epo ted cumulat vely f om awa d ncept on th ough the end of each sem -annual epo t ng pe od. Fo example, f you expect to complete a pa t cula m lestone w th n the f st th ee pe ods of you p o ect, the th d pe od and all subsequent pe ods should state 100%.

Please p ov de a b ef desc pt on of the p ma y act vt es nvolved n meet ng each m lestone (a s ngle desc pt on should be p ov ded fo each m lestone, cove ng all pe ods n yea s one th ough N). Please w te the numbe "0" f you p o ect does not nclude an act v ty. If necessa y, please nse t add t onal m lestones at the bottom of the cha t. Please add add t onal m lestones as appl cable.

ACTUAL PROJECT MILESTONES		Year 1		Year 2		Year 3		Year 4		Year 5	
		Per od 1	Period 2	Period 1	Period 2	Period 1	Period 2	Period 1	Period 2	Per od 1	Period 2
4a. M LESTONE	4b. DESCR PTION	Actual M lestone Complet on (Cumulative)									
Owers I Project	PFN/123NET/ISI a e meet ng weekly to dent fy m lestones, and ass gn p oject act v t es. PFN meets weekly w th NTIA/NIST. P el m na y env onmental act v t es a e p og ess ng.	0.5%									
Env ronmental Assessment		0%									
Network Des gn	Netwo k des gn and eng nee ng s unde way. Land ng s tes a e be ng explo ed.	5.4%									
R ghts Of Way		0%									
Construction Permits And Other Approvals		0%									
Site Preparat on		0%									
Equipment Procurement	PFN staff a e wo k ng w th legal counsel to p epa e ag eements fo sub ec p ent, 123NET, and eng nee ng f m, ISI.	0.5%									
Network Build (a l components - owned, leased, indefeasible Rights of Use, etc.)		0%									
Equipment Deployment		0%									
Network Testing		0%									
Status of Procurement		0%									
Other (please specify) LOC, Post NOFO Pre-Award Expense, Contract Close-Out	Lette of C ed t, post NOFO p e-awa d act v ty	40.5%									

Subrecipient and Subawards

L st of Sub ec p ent(s) that ece ved a subawa d o subcont act f om the el g ble ent ty and a desc pt on of the spec f c p oject fo wh ch g ant funds we e p ov ded.

Assoc ate p ojects names to any sub ec p ent o subawa d assoc ated w th g ant, app oved g ant funds, and expend tu es to date.

5a. Project Name	5b. Project Descript on	5c. Subrecipient	5d. Minor ty Business Enterprise (MBE)	5e. Women s Bus ness Enterpr se (WBE)	5f. Labor Surplus Area Firm	5g. Awarded Funds	5h. Expenditures to Date	5i. Remaining Grant Balance	5 . % of work complete
Inf ast uctu e fo M ch gan Pen nsulas and C t ca C oss ng IMPACC)	Pen nsula F be Netwo k, LLC (PFN) and 123NET (Sub ec p ent) w ll bu ld the follow ng b oadband netwo k nf ast uctu e outes (P og am Routes) n suppo t of PFN s Inf ast uctu e fo M ch gan Pen nsulas and C t cal C oss ngs IMPACC) P og am G ant. 1.1 Unde sea Ch cago to St Joseph 1.2 Unde sea Benton Ha bo to Ch cago 1.3 Ch cago Landfall to Fede al & Ce mak 1.4 Byron Ctr to Benton Harbor/St Joseph 2.1 Gull ve to Lake MI 2.2 Unde sea UP-Beave Isl-Cha levo x 2.3 Cha levo x to Gaylo d 3.1 Port Huron to Flint Sub ec p ent Const uct on Respons b l t es. Sub ec p ent w ll const uct P og am Routes 1.4 (By on Cente to Benton Ha bo /St. Joseph) and 3.1 (Po t Hu on to Fl nt). Sub ec p ent w ll use best value fo the P og am and p epa e n t al des gns.	123NET (Sub ec p ent)	☐ Yes	☐ Yes	☐ Yes	$30,737,746	0	0	0
			Yes	Yes	Yes				
			Yes ☐	Yes ☐	Yes ☐				
			Yes ☐	Yes ☐	Yes ☐				

D. INFRASTRUCTURE BUDGET EXECUTION DETAILS

Please p ov de deta ls below on you total budget and total fund expended to date fo each budget element, nclud ng deta led d sbu sements of both match ng funds app oved and fede al funds obl gated f om p oject ncept on th ough end of th s epo t ng pe od. F gu es should be epo ted cumulat vely f om awa d ncept on to the end of the appl cable epo t ng pe od.

[redacted]

COMMUNITY BENEFIT ASSESSMENT

As stated n the MM G ant P og am NOFO a Commun ty Benef t Ag eement (CBA) s an ag eement s gned by commun ty benef t g oups and a develope , dent fy ng the commun ty benef ts a develope ag ees to del ve , n etu n fo commun ty suppo t of the p o ect.

Please use the f elds below to state the Commun ty Benef t G oup and Develope Name and desc be the act v t es n how th s pa tne sh p has suppo ted w th the M ddle M le Inf ast uctu e p oject (.e. wage ag eements, ta get ng h ng of app ent ces and d sadvantaged g oups n labo ma ke , educat on and t a n ng oppo tun t es, sub-cont act ng to local small bus ness fo const uct on, se v ces, and supply cha n needs).

Descript on of Community Agreement
7a. Community Benefit Group Name Please p ov de the name of the Commun ty Benef t G oup
Not appl cable fo th s pe od.
7b. Developer Name Please p ov de the name of the Develope
Not appl cable fo th s pe od.

7c. Community Benefit Group and Developer Partnership Please describe in the space below the nature of the partnership and how the MM grant funds being used are assisting to provide community support for the infrastructure project.

Not applicable for this period.

F. CLIMATE RESILIENCE

CLIMATE RESILIENCE

Recipients must demonstrate that they have sufficiently accounted for current and future weather and climate related risks to new MM infrastructure projects. At present, weather and climate related risks to broadband networks include wildfires, extreme heat and cold, inland and coastal flooding, and the extreme winds produced by weather events such as tornadoes, hurricanes, and other weather events. Because retrofitted and new infrastructure for broadband might be expected to have a lifetime of 20 years or more, recipients must account not only for current risks but also for how the frequency, severity, and nature of these extreme events may plausibly evolve as our climate continues to change over the coming decades.

Climate Resiliency Risk Mitigation

This purpose of this section is for the recipient to demonstrate that they have sufficiently accounted for current and future weather and climate-related risks to new MM infrastructure projects. In particular, each recipient should demonstrate how they've addressed the known and identifiable risks of current and future projected weather and climate conditions through measures such as (but not limited to) choice of a technology platform suitable to the climate risk of the region, reliance on alternative siting of facilities (i.e., underground construction where appropriate), retrofitting or hardening of existing assets, and use of network redundancy to safeguard against threats to infrastructure.

8a. Were any geographic areas identified for this reporting period subject to an initial and/or updated hazard screening for future weather and climate related risk? If so, please provide the date of the screening and provide related documentation as an attachment to this report.

Not applicable for this period.

8b Climate Resilience Category	8c. Date of Most Recent Hazard Screening	8d. Name and Title of Representative Completing Most Recent Hazard Screening	8e. Date of Report Completion
Not applicable for this period.	Not applicable for this period.	Not applicable for this period.	Not applicable for this period.

8f. Identified Risk For your MM project, what are the potential weather and climate hazards that may be most important to be addressed that could impact the resiliency of the middle mile infrastructure deployed (i.e. wildfires, extreme heat and cold, inland and coastal flooding, extreme winds, tornadoes, hurricanes and other weather events)?

Potential weather and climate hazards for our middle mile project include extreme temperatures, winter storms, high winds, tornados and flooding. Some of the equipment studies and then the actual installation activities are planned for the optimal weather conditions, based on historical trends and averages. All these activities can be significantly impacted by extremes of heat, cold, wind, and other conditions affected by what might be considered the more frequent aberrations from the historical averages. Adjustments can and must be made to the expected timeframes and the processes required to study and then to install in the methods with the least impact. The materials to be used are designed for minimal long-term impact on the environment, and minimal impact to/from the environment on the cable. Once the optical fiber cable is installed it can be expected to be nearly impervious to any climate changes except the most extreme weather events. PFN's planning process incorporates industry best practices to respond automatically to any impacts immediately once they occur. This planning includes routines for inspection, preventive maintenance, and repairs to all network components including but not limited to hazards related to climate change.

8g. Weather and Climate Hazards Were any significant climate or weather hazards experienced during this reporting period (i.e., floods, tornados) impacting infrastructure buildout or service? Briefly describe how you monitored for weather and climate caused issues for the reliability of the system. If so, please provide the date of the disaster, location and backup documentation related (i.e., news articles).

PFN's staff and consultants have not experienced any disruptions to operations during this reporting period. During the engineering phases the anticipated impacts include the snow/ice seasons which certainly impact field work. Pedestrian and underwater surveys may be affected by early snow or freezing temperatures. However, PFN's planning takes into account expected weather-related limitations and is prepared to adapt to any anomalies or major events.

8h. Risks to Deployment of New Infrastructure Has the team identified any risks impacting the deployment of new or repaired infrastructure due to current and future weather and climate-related threats during this reporting period?

No new climate-related risks were identified during this reporting period.

8i. Risk Mitigation How will the project avoid and/or mitigate the risk identified? If not applicable, please explain why.

PFN's risk mitigation plan accounts for extreme temperatures, winter storms, high winds, tornados and flooding using input from permits, environmental assessments, and surveys of the site locations. All PFN network installations follow these mitigation strategies to provide maximum accessibility, reliability and redundancy to ensure our facilities can withstand weather events and keep our clients connected.

PFN has equipment, spare parts, technicians and other personnel, at the ready to deploy and reach our facilities in a timely manner should a disruption occur from a weather event. Outages are assessed for damage and replacement parts retailed as needed to rapidly restore service to our customers.

As a general practice, PFN uses buried techniques to place fiber plant underground minimizing exposure to weather events. Fiber for this project will be constructed using buried techniques and watertight splice cases to strengthen availability of service. Additionally, PFN's mapping and monitoring system allows us to monitor and anticipate climate related impacts. As new routes and equipment are brought online, they are added to PFN's mapping and monitoring systems.

For this project PFN has designed a network with increased capacity and redundancy for each route to maintain service availability, should isolated parts of the network become compromised.

Electronics, cabinets and hut locations
- PFN uses electronics that are temperature hardened, withstanding fluctuations from -40 degrees Celsius to 65 degrees Celsius.
- Sites with temperature sensitive electronics are temperature controlled by HVAC systems with battery backups capable of running a minimum of 8 hours in the event of a commercial power failure.
- Passive cooling aspects of the cabinets, airflow, shade and openness in the cabinets assist with heat transfer.
- If critical temperatures are reached an alarm would trigger, immediately notifying our Network Operations Center and technicians would be dispatched to mitigate the impact to PFN's electronics by deploying fans or portable cooling units.
  - This safety mechanism allows for the quickest return to available service once temperatures return to tolerable levels.
- CO buildings and cabinets have backup power generators onsite in the event of extended power outages.

8j. Additional Information Is there any additional information you would like to share during this reporting period that the grant team should be aware of regarding the management of sustainable climate resiliency for your MM project?

Not applicable for this period.

8k. Additional Resources
Has the team utilized the available resources to assist with mitigation and long-term planning efforts for this reporting period? If so, which resources?
2018 National Climate Assessment
NOAA's 2022 State Climate Summaries
NOAA Disaster and Risk Mapping Tool
NOAA's Storms Event Database
NOAA Climate Explorer and Digital Coast
FEMA National Risk Index
Consulted FEMA-approved Hazard Mitigation Plans prepared by states in which they propose to build middle mile infrastructure to help identify key risks and hazards

Historical reference to 10-year floodplain maps and insurance data have been analyzed as extreme weather events affect this data and expectations. As this data expands, PFN will continue to adapt operations planning and prepare for a response to any network-impacting events, and/or risks that might be mitigated. The redundancy of the proposed equipment, especially the cable paths, is the first step in preparation. Ongoing adjustments to processes are anticipated. PFN's greatest resource is our hands-on experience constructing and operating communication facilities in this region. This experience allows us to anticipate potential problems and develop a precise plan.

G. Workforce

DAVIS-BACON ACT CERTIFICATION

For projects receiving over $5,000,000 (based on expected total cost), as determined by the U.S. Secretary of Labor by subchapter IV of chapter 31 of title 40, United States Code (commonly known as the Davis-Bacon Act), all laborers and mechanics employed by contractors and subcontractors in the performance of such project are paid wages at rates not less than those prevailing.

Davis-Bacon Act Certification

9a. Does the recipient have access to the information requested (all laborers and mechanics employed by contractors and subcontractors in the performance of such project are paid wages at rates not less than those prevailing?)	Yes ☐	No ☒	

LOCAL HIRE PRIORITIZATION AND IMPACT

Local Hire Prioritization and Impact

Local hiring is a goal or requirement to hire people who live close to the place of work. This is most often more specifically structured as a requirement for contractors awarded certain types of publicly funded projects to recruit a certain proportion of the people working on the project from a particular area. **Please provide all direct hires and contractors supporting the MM infrastructure project.**

Please use the table below to describe how the project prioritizes local hiring.

Hires by Race, Ethnicity and Gender	9b. Hispanic or Latino: 9b-1. Men	9b. Hispanic or Latino: 9b-2. Women	9b. Hispanic or Latino: 9b-3. X	9c-1. Men: White	9c-1. Men: Black or African American	9c-1. Men: Native Hawaiian or Pacific Islander	9c-1. Men: Asian	9c-1. Men: Native American or Alaska Native	9c-1. Men: Two or More Races	9c-2. Women: White	9c-2. Women: Black or African American	9c-2. Women: Native Hawaiian or Pacific Islander	9c-2. Women: Asian	9c-2. Women: Native American or Alaska Native	9c-2. Women: Two or More Races	9c-3. X: White	9c-3. X: Black or African American	9c-3. X: Native Hawaiian or Pacific Islander	9c-3. X: Asian	9c-3. X: Native American or Alaska Native	9c-3. X: Two or More Races	Totals
Number of Local Direct Hires	0	0	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.00
Number of Non-Local Direct Hires	0	0	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.00
Percentage of Local Direct Hires on Award	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	
Number of Local Subcontractors	0	0	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.00
Number of Non-Local Subcontractors	0	0	0	-	0.10	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.10
Percentage of Local Subcontractors on Award	0%	0%	0%	0%	0.00%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	

Column headings: Number of Hires; Race/Ethnicity; 9b. Hispanic or Latino; 9c. Non-Hispanic/Non-Latino (9c-1. Men, 9c-2. Women, 9c-3. X).

DAVIS-BACON WAGES

Davis-Bacon Act Wages

Please confirm if wages are at least prevailing*

*As stated in the MM NOFO as determined by the U.S. Secretary of Labor in accordance with subchapter IV of chapter 31 of title 40, United States Code (commonly known as the Davis-Bacon Act), for the corresponding classes of laborers and mechanics employed on projects of a character similar to the contract work in the civil subdivision of the State (or the District of Columbia) in which the work is to be performed.

10a. Are wage rates at least the Davis-Bacon prevailing wage for all laborers?	Yes ☒	No ☐	10c. Are wage rates at least the prevailing wage for all mechanics?	Yes ☒	No ☐	
10b. Please cite your source of how this information was gathered (for 10a).	Nothing has taken place yet for PFN or our subrecipient, 123NET. Our intent is to hire at the Davis Bacon prevailing wage.		10d. Please cite your source of how this information was gathered (for 10c).	Nothing has taken place yet for PFN or our subrecipient, 123NET. Our intent is to hire at the Davis Bacon prevailing wage.		

10e. If you answe ed No to e the 10a. o 10c., please p ov de an attachment expo t ng the wages and benef ts of wo ke s on the p oject by ob class f cat on, and whethe those wages a e less than the p eva l ng wage.

WORKFORCE DEMOGRAPHICS

Workforce Demographic Data

Jobs by Race, Ethnicity and Gender	Number of Jobs																						
	Race/Ethnicity																						
	11a. Hispanic or Latino			11b. Non-Hispanic/Non-Latino																			Totals
				11b-1. Men						11b-2. Women						11b-3. X							
	11a-1. Men	11a-2. Women	11a-3. X	White	Black or African American	Native Hawaiian or Pacific Islander	Asian	Native American or Alaska Native	Two or More Races	White	Black or African American	Native Hawaiian or Pacific Islander	Asian	Native American or Alaska Native	Two or More Races	White	Black or African American	Native Hawaiian or Pacific Islander	Asian	Native American or Alaska Native	Two or More Races		
Jobs Created	0	0	0	-	0.10	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.10
Jobs Retained	0	0	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.00

UNIONIZED WORKFORCE

12-a. Does th s p oject nclude some wo kfo ce elements that a e un on zed? Yes ☒ No ☐

12-b. A e wo ke s p ov ded access to un on educato s/o gan ze s on employe p ope ty o du ng the wo k day? Yes ☐ No ☐

12-c. Does you MM p o ect ut l ze a p oject labo ag eement? Yes ☒ No ☒

12-d. D d wo ke s ece ve add t onal nfo mat on o t a n ng about the wo kplace ghts n add t on to al eady equ ed not ce post ngs? Yes ☐ No ☐

H. Workforce Continuity Plan

Nat onal Labor Relations Act (29 U.S.C. 158 (f))

WORKFORCE CONTINUITY PLAN

As stated n the MM NOFO, f a ec p ent has not p ov ded a ce t f cat on that a p o ect e the w ll use a un on zed p o ect wo kfo ce o ncluded a p o ect labo ag eement, mean ng a p e-h e co lect ve ba ga n ng ag eement cons stent w th sect on 8(f) of the Nat onal Labo Relat ons Act (29 U.S.C. 158 ( )), then the ec p ent must p ov de a p oject wo kfo ce cont nu ty plan.

Workforce Continu ty Plan

[redacted]

13a. Please p ov de the name(s) below of any subcont acted ent t es pe fo m ng wo k on the p oject, and the total numbe of wo ke s employed by each ent ty.

13e-1. Name of Subcontracted Entity Perform ng Work	13e-2. Total Number of Workers with n th s Subcontract	13e-3. Job Categor es of Workers Supporting Project with n this Subcontract
123NET s PFN's sub ec p ent on th s p oject. A sub ec p ent ag eement was f nal zed ea ly n Y1 Pe od 2. At th s t me, no labo e s o mechan cs have cont buted wo k on the p oject.	0	Not appl cable fo th s pe od.
JSI s PFN's eng nee ng f m on th s p oject. A cont actual ag eement between PFN and JSI was fully-e gned n Y1 Pe od 2. JSI does not employ labo e s o mechan cs, but w ll h e them th ough a subcont act to pe fo m wo k on the p oject.	5.1 FTE	P oject eng nee s and p o ect manage

13f. Please desc be below the steps taken to ensu e that wo ke s on the p oject ece ve wages and benef ts suff c ent to secu e an app op ately sk led wo kfo ce n the context of the local and eg onal labo ma ket.

JSI, subcont acto , s the p oject's eng nee ng f m, and not subject to Dav s Bacon wages.

I. ANCHOR INSTITUTIONS

ANCHOR INSTITUTIONS

Please p ov de Ancho Inst tut on (AI) data fo the cu ent pe od only (not cumulat ve). Please add ows as needed.

14a. Anchor Institution Name	14b. Street Address	14c. City	14d. State	14e. Type of Anchor Institution	14f. Interconnection with n 1 000 Feet of AI Enabling Gig Symmetrical Service	14g. Narrative Descr ption of how the Anchor Inst tution may benef t from the Grant Funded Infrastructure
Not appl cable fo th s pe od.						

ANCH

J. BROADBAND ACCESS KEY INDICATOR SUBSCRIBERS AND SPEED

PROJECTED NUMBER OF SUBSCRIBERS AND SPEED

Please use the follow ng table to p ov de ant c pated key nd cato s w th the p ojected totals fo each benef c a y catego y, access type and speed catego y fo you nf ast uctu e se v ce o p oject. Except as nd cated, nfo mat on should be epo ted cumulat vely f om awa d ncept on th ough the end of the b -annual pe od fo B -Annual Ind cato s. Please w te the numbe "0" f you p o ect does not nclude th s nd cato .

PROJECTED NUMBER OF SUBSCR BERS AND SPEED		Year 1		Year 2		Year 3		Year 4		Year 5	
SUBSCRIBER TYPE	ACCESS TYPE	Period 1	Period 2	Period 1	Period 2	Period 1	Period 2	Period 1	Period 2	Period 1	Period 2
15a. Anchor Institutions (AIs)	15a-1. Total number of AIs passed	0	0	0	0	32	32	63	63	63	63
	15a-2. Number of AIs within 1,000 feet of the m ddle mile infrastructure	0	0	0	0	32	32	63	63	63	63
	15a-3. Total number of AIs served	0	0	0	0	0	0	0	0	0	0
	15a-4. AIs w th new access	0	0	0	0	0	0	0	0	0	0
	15a-5. AIs w th improved access	0	0	0	0	0	0	0	0	0	0
	15a-6. Total number of AIs served w th speeds of at least 1/1Gbps	0	0	0	0	0	0	0	0	0	0
15b. Broadband Wholesalers or Last Mile Providers	15b-1.Total number of broadband wholesalers or last mile providers served	0	0	0	0	0	0	5	5	5	5
	15b-2. Broadband wholesalers or last mile providers with new access	0	0	0	0	0	0	0	0	0	0
	15b-3. Broadband wholesalers or last mile providers with mproved access	0	0	0	0	0	0	5	5	5	5
	15b-4. Total number of broadband wholesalers or last mile prov ders offering speeds of at least 25/3 Mbps	0	0	0	0	0	0	2	2	2	2
	15b-5. Total number of broadband wholesalers or last mile prov ders offering speeds of at least 100/20 Mbps	0	0	0	0	0	0	5	5	5	5
	15b-6. Total number of broadband wholesalers or last mile prov ders offering speeds of at least 1/1 Gbps	0	0	0	0	0	0	5	5	5	5

K. BROADBAND ACCESS KEY INDICATOR NETWORK BUILD PROGRESS

NETWORK BU LD PROGRESS

Please use the follow ng table to p ov de ant c pated key nd cato s and p og ess of you Inf ast uctu e p oject. Except as nd cated, nfo mat on should be epo ted cumulat vely f om awa d ncept on th ough the end of the b -annual pe od . Please w te the numbe "0" f you p oject does not nclude th s nd cato .

NETWORK BUILD PROGRESS	Year 1		Year 2		Year 3		Year 4		Year 5	
KEY INDICATOR	Period 1	Period 2	Period 1	Period 2	Period 1	Period 2	Period 1	Period 2	Period 1	Period 2
16a. Total of new fiber m les (aerial or buried)	0	0	0	0	106	106	460	460	460	460
16b. Total of fiber miles leased	0	0	0	0	0	0	0	0	0	0
16c. Total of ex sting fiber m les upgraded	0	0	0	0	0	0	0	0	0	0
16d. Total of new microwave links	0	0	0	0	0	0	0	0	0	0
16e. Total of new towers	0	0	0	0	0	0	0	0	0	0
16f. Total of new nterconnection points	0	0	0	0	2	2	5	5	5	5
16g. Total of signed agreements with broadband wholesalers or last mile providers	0	0	0	0	0	0	0	0	0	0
16h. Total of potential agreements (.e., agreements currently being negotiated) w th broadband wholesalers or last mile providers (This Total should NOT be reported cumulatively)	0	0	0	0	0	0	0	0	0	0

L. QUANTIFIABLE METRICS

FIBER OPTIC BASED

Quantifiable Metrics - Sect on des gned to ass st w th **reporting** and **audit** pu pose to quant fy how much p og ess was made and t ack the locat on of whe e the p og ess was made.

17a. F ber Optic Based	Year 1		Year 2		Year 3		Year 4		Year 5	
	Period 1	Period 2	Period 1	Period 2	Period 1	Period 2	Period 1	Period 2	Period 1	Period 2
17a-1. Is the f ber a buried/aer al or undersea application?	Bu ed/ae al/unde sea									
17a-2. Number of strands deployed	0									
17a-3. Number of miles of buried f ber deployed	0									
17a-4. Number of miles of aer al fiber deployed	0									
17a-5. Est mated capacity of fiber (i.e. throughput)	Othe									
17a-6. Deployment cost per mile of bur ed fiber opt cs	0									
17a-7. Deployment cost per mile of aerial fiber optics	0									
17a-8. Total Spent on Buried Fiber Deployment this reporting period	0									
17a-9. Total Spent on Aerial Fiber Deployment this reporting period	0									
17a-10. Total spent on Fiber Deployment this reporting period	0									
17a-11. Please provide any additional informat on about the Fiber Optic deployment (200 words or less)	PFN s cu ently engaged n the env onmental assessment p ocess. Deployment has not begun.									
17a-12. Please provide the digital mappings (e.g., CAD, Revit, KMZ, KML) for the new aerial fiber and buried fiber equipment installed during this reporting period.										

17b. Microwave Based	Year 1		Year 2		Year 3		Year 4		Year 5	
	Period 1	Period 2	Period 1	Period 2	Period 1	Period 2	Period 1	Period 2	Period 1	Period 2
17b-1. How many microwave nodes have been deployed?	0									
17b-2. How many microwave nodes are operat ng for reporting period?	0									

MICROWAVE BASED	17b-3. Installation cost per microwavable node	0									
	17b-4. Number of new towers bui t to support microwave structure	0									
	17b-5. If applicable, what type(s) of tower were constructed (a) Monopole (b) Self-Support, (c) Guyed or (d) Other dur ng this reporting period?	Othe									
	17b-6. Average cost per tower installed	0									
	17b-7. Total spend on Tower deployment this reporting period	0									
	17b-8. Total spend on microwave deployment this reporting period	0									
	17b-9. If you answered "Other" to question 17b-5 or if t is a combination of mult ple types, please prov de a detailed narrative description deta ling what type of tower or what combination of towers is used for the project and the their associated costs. (200 words or less).	PFN s not deploy ng m c owave based se v ces.									
	17b-10. Please provide the digital mappings (e.g., CAD, Revit, KMZ, KML) for the m crowave nodes created dur ng this reporting period.										
SATELLITE	17c. Sate lite	Year 1		Year 2		Year 3		Year 4		Year 5	
		Period 1	Period 2	Period 1	Period 2	Period 1	Period 2	Period 1	Period 2	Period 1	Period 2
	17c-1. What satellite provider is being used?	0									
	17c-2. What is the estimated capacity of the satell te l nk (i.e. throughput)?	0									
	17c-3. What is the associated cost to use this satell te service?	0									
	17c-4. Please prov de any add tional information about the Satellite deployment (200 words or less)	PFN s not deploy ng satell te based se v ces.									
	17c-5. Please provide the digital mappings (e.g., CAD, Revit, KMZ, KML) for the sate lite network accessed during this reporting per od.										
CERTIFICATIONS	Certifications										
	18. Please p ov de ce t f cat on ev denc ng compl ance w th Fede al labo and employment laws along w th the equ ements of Inf ast uctu e Investment and Jobs Act and M ddle M le G ant P og am, fo the b-annual pe od fo wh ch th s epo t s be ng f led.										
	Not appl cable fo th s pe od.										
	19. Please p ov de ce t f cat on ev denc ng compl ance w th the Bu ld Ame ca, Buy Ame ca Act. The Bu ld Ame ca, Buy Ame ca Act equ es that a l of the on, steel, manufactu ed p oducts (nclud ng but not l m ted to f be -opt c commun cat ons fac l t es), and const uct on mate als used n the p oject o othe el g ble act v t es s e p oduced n the Un ted States unless a wa ve g anted.										
	Not appl cable fo th s pe od.										
	20. I certify to the best of my knowledge and bel of that this report is correct and complete for performance of activ t es for the purposes set forth n the award documents.										

[redacted]