

Exhibit O: Network Design Certification

CNMI Broadband Equity, Access, and Deployment (BEAD) Program Subgrant Agreement between CNMI BPD and Micronesian Telecommunications Corp. dba IT&E

| Field | Detail |
|--------------------------------------|--|
| Project Name(s)/Identifier(s) | All 20 Project Funding Areas (CNMI-S1 through CNMI-S17, CNMI-R1, CNMI-T1, and CNMI-T2 as individually detailed in the attached Exhibits A) |
| Subgrantee | Micronesian Telecommunications Corp. dba IT&E |
| BPD Subgrant Award Identifier | CNMI Broadband Equity, Access, and Deployment (BEAD) Program Subgrant Agreement (Covering all 20 PFA Awards) |
| Agreement Effective Date | May 13, 2026 |

Referenced Project Documentation

The Professional Engineer (PE) named below certifies the technical accuracy and compliance of the following documents incorporated into this Subgrant Agreement:

| Document Name | Version/Date |
|---|-------------------------|
| Network Design Diagrams (As Proposed) | [Version Number / Date] |
| Detailed Project Cost Estimates (Technical Breakdown) | [Version Number / Date] |
| Build-Out Timeline and Project Milestones | [Version Number / Date] |
| Capital Investment Schedule (For Reference) | [Version Number / Date] |

Professional Engineer (PE) Certification Statement

I, the undersigned Professional Engineer, hereby certify that I have reviewed the referenced network designs, diagrams, project cost estimates, build-out timeline, and milestones for project implementation submitted by the Subgrantee, Micronesian Telecommunications Corp. dba IT&E, for the Project Funding Area (PFA) [PFA Identifier(s)].

This certification is provided pursuant to the requirements of the BEAD Program, the CNMI BPD's Subgrantee Selection Process, and the BEAD Restructuring Policy Notice (RPN).

I CERTIFY, to the best of my professional knowledge, skill, and belief, that the materials submitted demonstrate the following technical requirements are met:

1. **Performance Capability:** The proposed network design **can deliver Reliable Broadband Service** that meets the requisite performance requirements to all Broadband Serviceable Locations (BSLs) and Community Anchor Institutions (CAIs) covered by the Project.
 - a. **BSLs:** Minimum sustained speeds of **100 Mbps download and 20 Mbps upload**.
 - b. **CAIs:** Service capable of **1 Gigabit per second symmetrical** (upload/download).
2. **Design Integrity and Scope:** The network diagrams and design documentation accurately reflect the technical scope necessary to serve all unserved and underserved BSLs identified within the Project Funding Area(s). The technical approach is **realistic and justifiable**.
3. **CNMI Resilience and Priority Broadband Project (PBP) Requirements:** The network design incorporates adequate measures for **reliability and resilience** of the broadband infrastructure, including **climate-resilient practices** (such as underground construction methods) suitable for the typhoon-prone CNMI environment and associated power vulnerability.
4. **Deployment Standards:** The design incorporates required deployment elements, including the implementation of **interspersed conduit access points at regular and short intervals** for any project that involves laying fiber optic cables or conduit underground or along a roadway.
5. **Project Timeline and Milestones:** The proposed build-out timeline and milestones for project implementation are **reasonable and achievable** within the BEAD Program's **four-year statutory deployment deadline**.

Exclusions and Attestation

- **PE License Status:** I am a Professional Engineer, licensed in [State/Territory of Licensure]. I acknowledge that certification by a Professional Engineer licensed in any of the 56 Eligible Entities is permitted.
- **RPN Waiver:** I certify all elements listed above. The requirement that I certify the **Capital Investment Schedule** evidencing complete build-out and initiation of service within four years is hereby **waived** per the NTIA BEAD Restructuring Policy Notice (RPN). The Capital Investment Schedule has, however, been submitted by the Subgrantee.

| | |
|-----------------------------------|------------------|
| Signature: | |
| Professional Engineer Name | [Printed Name] |
| PE License Number | [License Number] |
| Date | [MM/DD/YYYY] |