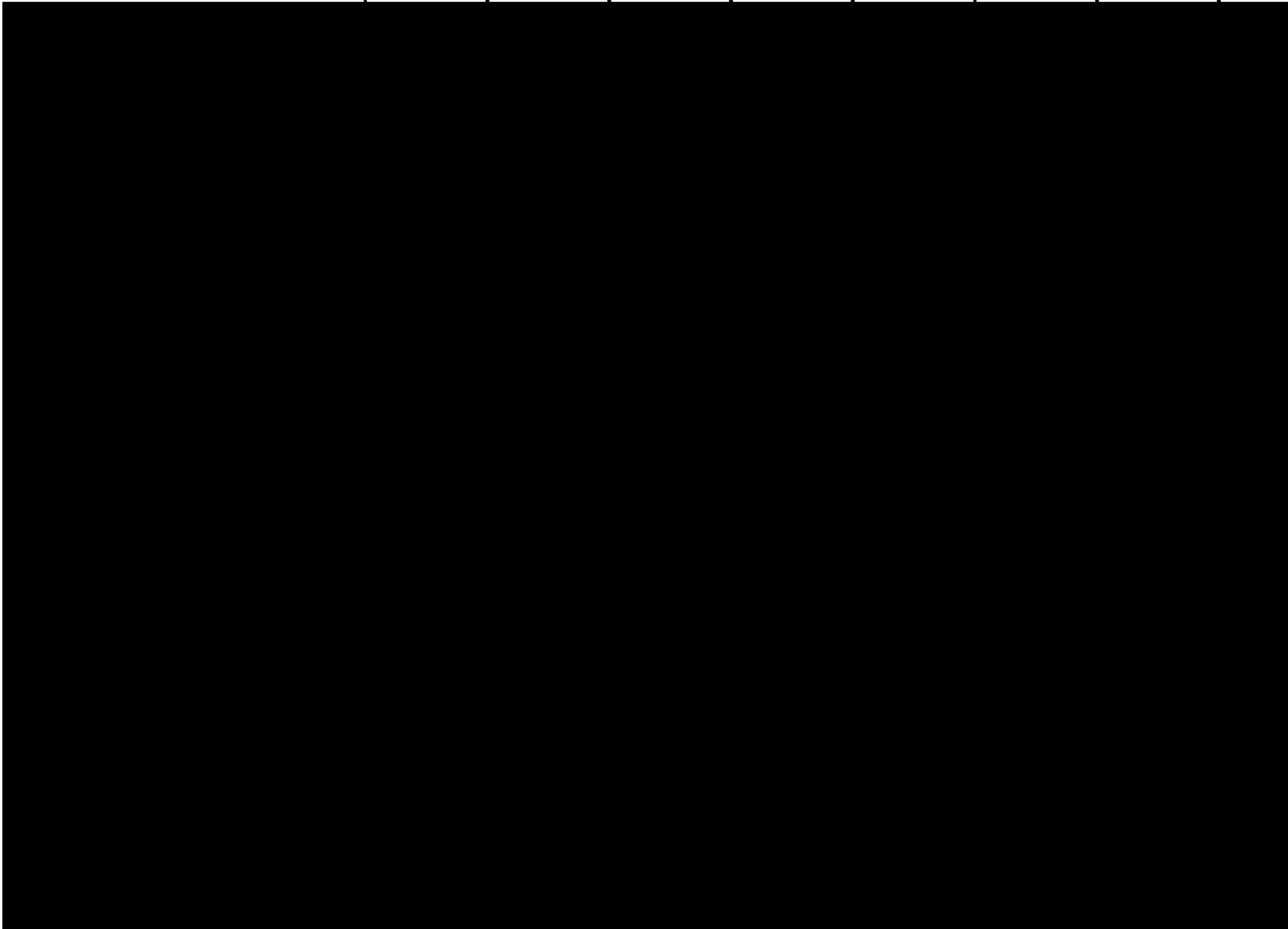


Income Statement

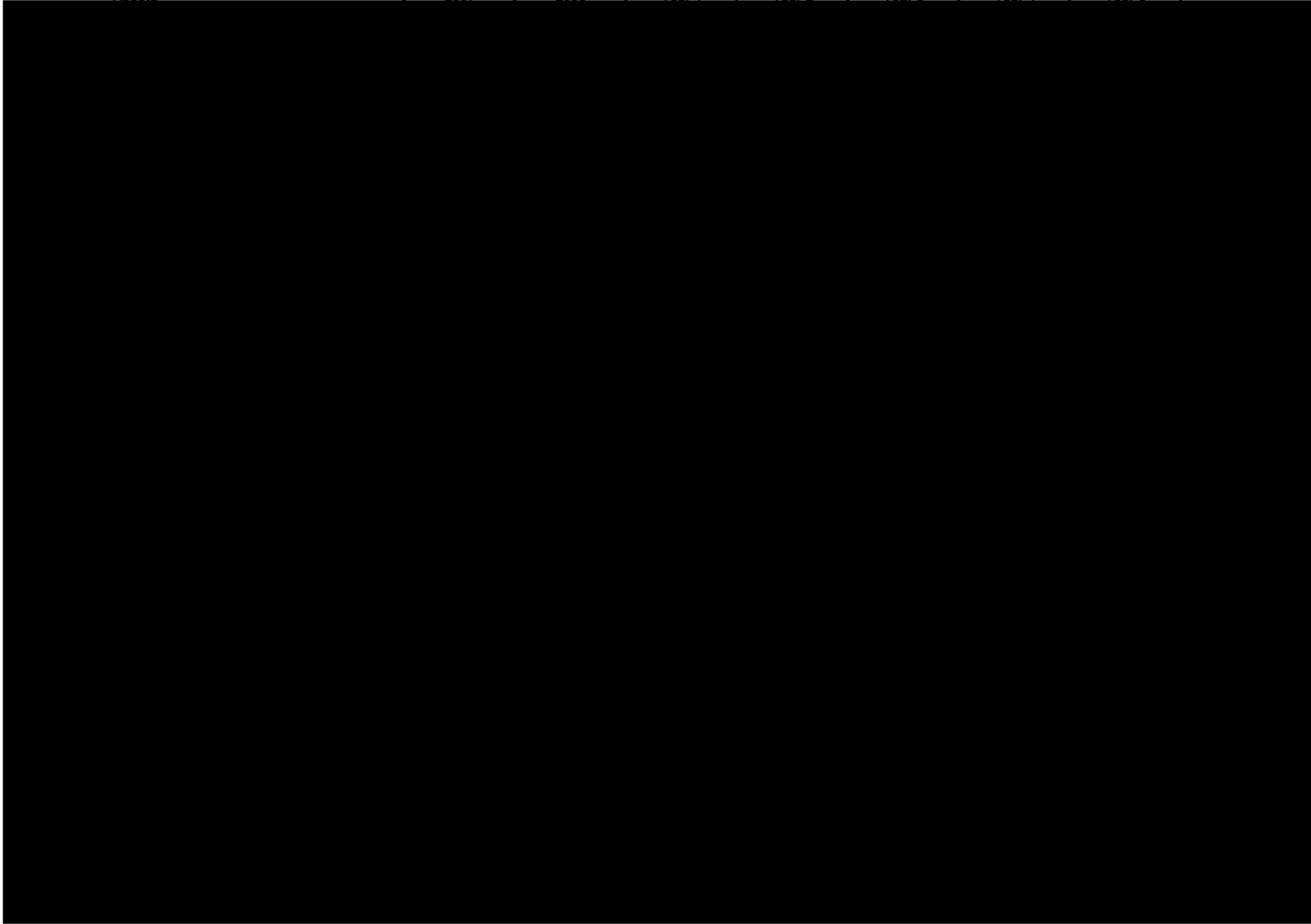
Historical	Forecast Period
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[Redacted]

Assets

Historical		Forecast Period				
2007	2008	Year 1	Year 2	Year 3	Year 4	Year 5



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Historical		Forecast Period				
2007	2008	Year 1	Year 2	Year 3	Year 4	Year 5





SAIPAN CHAMBER OF COMMERCE

P.O. Box 500806 Saipan, MP 96950 • Tel: (670) 233-7150 • Fax: (670) 233-7151
www.saipanchamber.com info@saipanchamber.com

**2009
Board of Directors**

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James T. Arenovski

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John J. Santos

Executive Director
Kyle L. Calabrese

August 14, 2009

To Whom It May Concern:

This letter is written in support of IT&E's proposed plans to be enacted through ARRA funding. The plans support access to broadband services within the community of the Commonwealth of the Northern Mariana Islands. A diverse broadband environment will help create opportunities beginning with individual usage and spanning to the larger community through economic impact.

The ability for individuals and families to obtain broadband internet services through subsidies and at affordable costs will help in the development of services for the insular area of the CNMI. The infrastructure plans will help create employment opportunities that support the next level of technology advancements. This will also have an impact on businesses by creating an increased demand for local goods and services. Tourism, the main industry in the CNMI, will also benefit through the wide availability of internet service and options to purchase prepaid timecards through retailers and wholesalers. Retail stores can create increased traffic and wholesalers will have an additional product line to provide. This type of progression creates the sort of multiplying factor the economy of the CNMI can benefit from. The government may be able to prototype this program in future funding requests or economic development programs.

We strongly encourage the approval of this grant application. The funds will promote opportunities to the community by stimulating broadband services and access, an important initiative of the ARRA. We believe IT&E is committed to supporting community efforts, and the initiatives proposed will sponsor immediate and sustained development within the CNMI.

Sincerely,

James T. Arenovski
President



Department of Commerce
COMMONWEALTH OF THE NORTHERN MARIANA ISLANDS
Caller Box 10007 CK, Saipan, MP 96950
Tel. (670) 664-3000 • Fax: (670) 664-3067

August 11, 2009

IT & E Management
P. O. Box 500306
Saipan, MP 96950

Dear Sir:

This communication comes as a show of support for the stated project proposed by the Commonwealth of the Northern Mariana Islands (CNMI) sole telecommunications carrier, IT & E. The presence of broadband capability in the CNMI to the extent that this project proposes will benefit this community in a variety of ways inclusive of benefits that will extend to education, health, government services, and the private sector business and economic development. The ability to utilize high speed, affordable information technology will serve to cure many of the impediments that our community faces due to our isolation from US mainland and other major economies.

As the CNMI Department of Commerce is tasked with the economic development of the CNMI, our infrastructure, inclusive of telecommunications and IT infrastructure, has served as an obstacle to meaningful investments and local business development. We urge strong consideration of this proposal as a way to alleviate not only the global economic pressures, but the economic disparity felt in the CNMI due to our isolation, lack of resources, and the tremendous negative consequences felt as a result of various dynamics outside of our control. It is our sincere belief that the commitment that IT & E has already demonstrated to our community's local employment and delivery of service only serves as an added benefit to consider their request for assistance. They are reputable firm who has shown corporate citizenry and a desire to assist our community. They have a superior management team capable of ensuring that the proposed project moves forward to realize the desired impacts required under the grant conditions.

Again, I strongly urge the approval of this project application and hope that the funds made available under the ARRA will be instrumental in transforming the economic conditions in the CNMI. Please feel free to contact my office should you require any further documentation regarding this application. My office can be reached at (670) 664-3077 or via our website at www.commerce.gov.mp.

Respectfully Submitted,

A handwritten signature in black ink, appearing to be "M. J. Ada", enclosed within a hand-drawn oval.

Michael J. Ada
Secretary of Commerce

Commonwealth of the Northern Mariana Islands



Department of Public Health

Office of the Secretary of Public Health



Joseph Kevin Villagomez, MA
Secretary of Public Health

August 14, 2009

IT&E Management
P.O. Box 500306
Saipan, MP 96950

Subject: Community Support for IT&E Community Outreach Program

Dear IT&E:

We, the community and government leaders of the Commonwealth of the Northern Mariana Islands, are writing to support IT&E's plan to offer enhanced broadband services to the community. IT&E's plan will help agencies which provide services to low income, disabled and elderly communities.

The current post paid plans and equipment offered by the market are not flexible enough to help encourage broadband services and create barriers for adoption among traditionally disadvantaged communities. We believe IT&E's application to utilize the American Recovery and Reinvestment Act (ARRA) of 2009 Broadband Initiative funds to provide high speed Broadband access to disadvantaged communities at an affordable rate will help to increase internet and broadband adoption within the community. The impact of these services will help create opportunities in the areas of education, public services and economic development.

This initiative will provide needed internet access to traditionally disadvantaged communities along with the community and government agencies which support such communities. We ask the ARRA Broadband Initiative to please consider this endorsement of IT&E's plans as a viable option considering it will provide to our community at such a needed time.

Sincerely,


Joseph Kevin P. Villagomez, MA
Secretary of Public Health

8/13/09

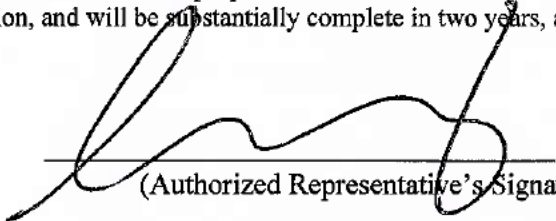


Network Design and Implementation Plan Certification (to be complete for projects requesting more than \$1 million in federal assistance)

**U.S. Department of Agriculture and U.S. Department of Commerce
BIP and BTOP Program**

We the undersigned, certify that the proposed broadband system will work as described in the System Design and Network Diagram sections, and can deliver the proposed services outlined in the Service Offerings Section. Moreover, the system, as designed, can meet the proposed build-out timeframe based on the resources designated in Project Viability Section, and will be substantially complete in two years, and complete within three years.

8/19/09
(Date)


(Authorized Representative's Signature)

Larry Kuculat
Name:

EVP
Title:

8-19-09
(Date)


(Certifying Engineer's Signature)

PAUL K. BARON, P.E. (Guam #1161)
Name:

Sr. Project Mgr. / Guam R.M.F.
Title:

Steve Curran

for MAURO SANTOS
Name:

Regional Executive Director - Network
Title:



Legal Opinion

August 19, 2009

Administrator
Rural Utilities Service
U. S. Department of Agriculture
Washington, D. C. 20250-1500

Assistant Secretary
National Telecommunications and Information Administration
U.S. Department of Commerce
Washington, D.C. 20230

Re: **Broadband Opportunity Program Application**

Dear Sir:

I am the General Counsel for PTI Pacifica, Inc, (the "Applicant.") In such capacity, I acted as counsel to the Applicant in connection with its ability to apply to the [Broadband Initiatives Program and/or the Broadband Technology Opportunities Program] and in the review of the [grant agreement, loan agreement, or loan/grant combination agreement], as referenced in the Notice of Funds Availability.

We are of the opinion that:

(a) the Applicant is a duly organized and existing [legal entity] under the laws of the Commonwealth of the Northern Mariana Islands.

(b) the Applicant has corporate power: (1) to execute and deliver the [grant agreement, loan agreement, or loan/grant combination agreement]; and (2) to perform all acts required to be done by it under said agreement.

(c) no legal proceedings have been instituted or are pending against the Applicant, the outcome of which would adversely affect the Applicant's ability to perform the duties under the grant agreement, and there are no judgments against the Applicant which would adversely affect the Applicant's ability to perform the duties under the grant agreement.

Very truly yours,

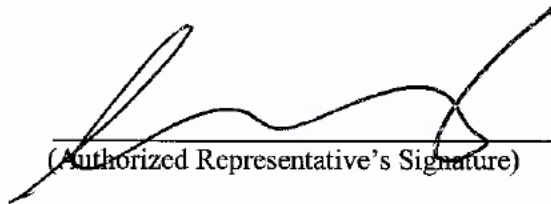
STEVEN CARRARA
General Counsel

Certification Requirements for BTOP

U.S. Department of Commerce
Broadband Technology Opportunities Program

I certify that I am the duly authorized representative of the applicant organization, and that I have been authorized to submit the attached application on its behalf. A copy of the applicant organization's authorization for me to submit this application as its official representative is on file in the applicant's office, and I am identified as the applicant organization's Authorized Organization Representative (AOR) in the Central Contractor Registration database. By signing this certification, I certify that the statements contained in the application are true, complete, and accurate to the best of my knowledge, and that if an award is made, the applicant organization will comply with all applicable award terms and conditions.

9/19/07
(Date)


(Authorized Representative's Signature)

LAWRENCE P. KNECHT
Name:

EXECUTIVE VICE PRESIDENT & GM
Title:

Certification Requirements for **BTOP**

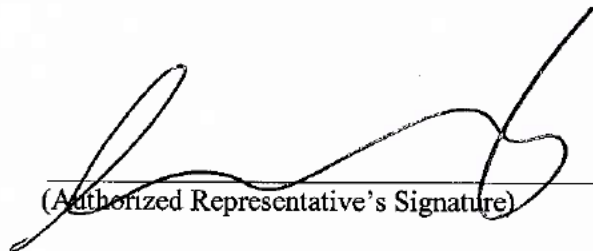
U.S. Department of Commerce
Broadband Technology Opportunities Program

(i) I certify that I am authorized to submit this grant application on behalf of the eligible entity(ies) listed on this application, that I have examined this application, that all of the information and responses in this application, including certifications, and forms submitted, all of which are part of this grant application, are material representations of fact and true and correct to the best of my knowledge, that the entity(ies) that is requesting grant funding pursuant to this application and any subgrantees and subcontractors will comply with the terms, conditions, purposes, and federal requirements of the grant program; that no kickbacks were paid to anyone; and that a false, fictitious, or fraudulent statements or claims on this application are grounds for denial or termination of a grant award, and/or possible punishment by a fine or imprisonment as provided in 18 U.S.C. §1001 and civil violations of the False Claims Act.

(ii) I certify that the entity(ies) I represent have and will comply with all applicable federal, state, and local laws, rules, regulations, ordinances, codes, orders and programmatic rules and requirements relating to the project. I acknowledge that failure to do so may result in rejection or deobligation of the grant or loan award. I acknowledge that failure to comply with all federal and program rules could result in civil or criminal prosecution by the appropriate law enforcement authorities.

(iii) I certify that the entity(ies) I represent has and will comply with all applicable administrative and federal statutory, regulatory, and policy requirements set forth in the DOC Pre-Award Notification, published in the Federal Register on February 11, 2008 (73 FR 7696), as amended; DOC Financial Assistance Standard Terms and Conditions (Mar. 8, 2009); DOC American Recovery and Reinvestment Act Award Terms (April 9, 2009); and any Special Award Terms and Conditions that are included by the Grants Officer in the award."

4/19/09
(Date)


(Authorized Representative's Signature)

LAWRENCE P. KNECHT

Name:

EXECUTIVE VICE PRESIDENT & GM

Title:

ASSURANCES - CONSTRUCTION PROGRAMS

OMB Approval No. 4040-0009
Expiration Date 07/30/2010

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 (0348-0042), Washington, DC 20503.

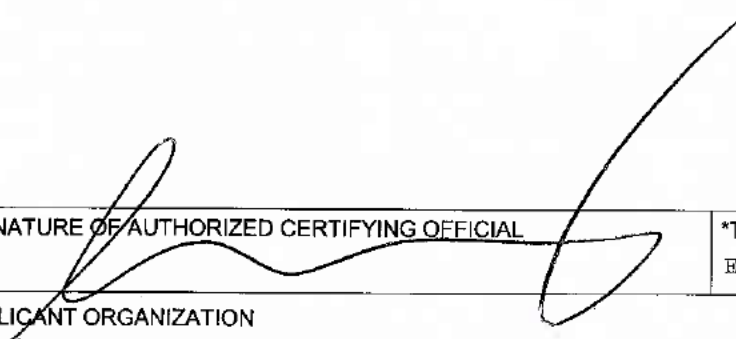
PLEASE DO NOT RETURN YOUR COMPLETED FORM TO THE OFFICE OF MANAGEMENT AND BUDGET. SEND IT TO THE ADDRESS PROVIDED BY THE SPONSORING AGENCY.

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 assistance 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 costs) 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, the right to examine all records, books, papers, or documents related to the assistance; and will establish a proper accounting system in accordance with generally accepted accounting standards or agency directives.
3. Will not dispose of, modify the use of, or change the terms of the real property title, or other interest in the site and facilities without permission and instructions from the awarding agency. Will record the Federal awarding agency directives and will include a covenant in the title of real property acquired in whole or in part with Federal assistance funds to assure non-discrimination during the useful life of the project.
4. Will comply with the requirements of the assistance awarding agency with regard to the drafting, review and approval of construction plans and specifications.
5. Will provide and maintain competent and adequate engineering supervision at the construction site to ensure that the complete work conforms with the approved plans and specifications and will furnish progress reports and such other information as may be required by the assistance awarding agency or State.
6. Will initiate and complete the work within the applicable time frame after receipt of approval of the awarding agency.
7. 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.
8. 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).
9. 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.
10. Will comply with all Federal statutes relating to non-discrimination. 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.

11. 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 and federally-assisted programs. These requirements apply to all interests in real property acquired for project purposes regardless of Federal participation in purchases.
12. Will comply with the 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.
13. 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.
14. Will comply 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.
15. 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).
16. 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.
17. 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).
18. 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-1 33, "Audits of States, Local Governments, and Non-Profit Organizations."
19. Will comply with all applicable requirements of all other Federal laws, executive orders, regulations, and policies governing this program.

*SIGNATURE OF AUTHORIZED CERTIFYING OFFICIAL 	*TITLE Executive Vice President & GM
*APPLICANT ORGANIZATION PTI PACIFICA, INC. dba IT&E	*DATE SUBMITTED 8/19/09

CERTIFICATION REGARDING LOBBYING

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.

Statement for Loan Guarantees and Loan Insurance

The undersigned states, to the best of his or her knowledge and belief, that:

If any 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 commitment providing for the United States to insure or guarantee a loan, the undersigned shall complete and submit Standard Form-LLL, "Disclosure Form to Report Lobbying," in accordance with its instructions.

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

NAME OF APPLICANT

AWARD NUMBER AND/OR PROJECT NAME

PTI PACIFICA, INC. dba IT&E

Next Generation Network- Middle Mile Infr Plan

PRINTED NAME AND TITLE OF AUTHORIZED REPRESENTATIVE

LAWRENCE P. KNECHT, EXECUTIVE VICE PRESIDENT & GENERAL MANAGER

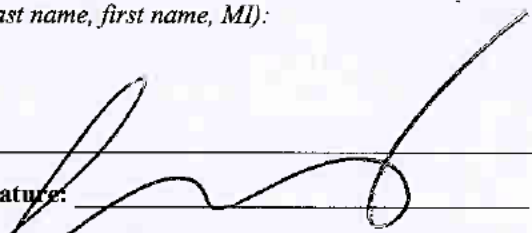
SIGNATURE

DATE

8/19/09

Disclosure of Lobbying Activities

Complete this form to disclose lobbying activities pursuant to 31 U.S.C. 1352
(See reverse for public burden disclosure)

<p>1. Type of Federal Action: a. contract <input checked="" type="checkbox"/> b. grant c. cooperative agreement d. loan e. loan guarantee f. loan insurance</p>	<p>2. Status of Federal Action: a. bid/offer/application <input checked="" type="checkbox"/> b. initial award c. post-award</p>	<p>3. Report Type: <input checked="" type="checkbox"/> a. initial filing b. material change For material change only: Year _____ quarter _____ Date of last report _____</p>
<p>4. Name and Address of Reporting Entity: <input checked="" type="checkbox"/> Prime <input type="checkbox"/> Subawardee Tier _____, if Known: PTI Pacifica, Inc. dba IT&E 122 W. Harmon Industrial Park Rd, Ste. 103 Tamuning, Guam 96913-4164 Congressional District, if known:</p>		<p>5. If Reporting Entity in No. 4 is Subawardee, Enter Name and Address of Prime: Congressional District, if known:</p>
<p>6. Federal Department/Agency: U.S. Department of Commerce</p>	<p>7. Federal Program Name/Description: Broadband Technology Opportunities Program CFDA Number, if applicable: <u>11.557</u></p>	
<p>8. Federal Action Number, if known:</p>	<p>9. Award Amount, if known: \$</p>	
<p>10. a. Name and Address of Lobbying Registrant <i>(if individual, last name, first name, MI):</i></p>	<p>b. Individuals Performing Services <i>(including address if different from No. 10a)</i> <i>(last name, first name, MI):</i></p>	
<p>11. Information requested through this form is authorized by title 31 U.S.C. section 1352. This disclosure of lobbying activities is a material representation of fact upon which reliance was placed by the tier above when this transaction was made or entered into. This disclosure is required pursuant to 31 U.S.C. 1352. This information will be reported to the Congress semi-annually and will be available for public inspection. Any person who fails to file the required disclosure shall be subject to a civil penalty of not less than \$10,000 and not more than \$100,000 for each such failure.</p>	<p>Signature:  Print Name: <u>LAWRENCE P. KNECHT</u> Title: <u>Executive Vice President & General Manager</u> Telephone No.: <u>670.682.2600</u> Date: <u>8/19/09</u></p>	
<p>Federal Use Only</p>	<p>Authorized for Local Reproduction Standard Form - LLL (Rev. 7-97)</p>	

**CERTIFICATION REGARDING LOBBYING
LOWER TIER COVERED TRANSACTIONS.**

Applicants should 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."

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:

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(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.

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If any 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 commitment providing for the United States to insure or guarantee a loan, the undersigned shall complete and submit Standard Form-LLL, "Disclosure Form to Report Lobbying," in accordance with its instructions.

Submission of this statement 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 statement 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

AWARD NUMBER AND/OR PROJECT NAME

PTI PACIFICA, INC. dba IT&E

Next Generation Network-Middle Mile Infr Plan

PRINTED NAME AND TITLE OF AUTHORIZED REPRESENTATIVE

LAWRENCE P. KNECHT, EXECUTIVE VICE PRESIDENT & GENERAL MANAGER

SIGNATURE

DATE

8/19/09

Equal Opportunity and Nondiscrimination Certification

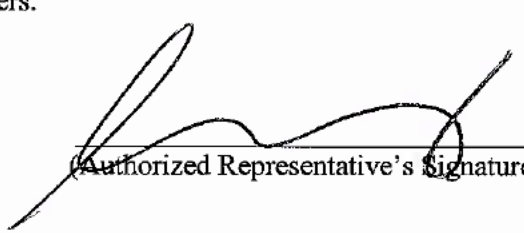
**U.S. Department of Agriculture
Broadband Initiatives Program**

All loans and grants made under the Broadband Initiatives Program are subject to the nondiscrimination provisions of Title VI of the Civil Rights Act of 1964, as amended, (7 C.F.R. Part 15); Section 504 of the Rehabilitation Act of 1973, as amended, (29 U.S.C. 901 *et seq.*; 7 C.F.R. Part 15b); and the Age Discrimination Act of 1975, as amended (42 U.S.C. 6101 *et seq.*; 45 C.F.R. Part 90), and Executive Order 11375, Amending Executive Order 11246, Relating to Equal Employment Opportunity (3 C.F.R. 1966, 1970).

All recipients of financial assistance from Rural Development, the prospective primary participant commits to carry out Rural Development's established policy to comply with the requirements of the above laws and executive orders to the effect that no person in the United States shall, "on the basis of race, color, national origin, handicap, or age, be excluded from participation in, be denied the benefits of, or be otherwise subjected to discrimination under the Broadband Initiatives Program.

We PTI PACIFICA, INC. dba IT&E (the Applicant) hereby certify that, as a prospective recipient under the said Broadband Initiatives Program, we will comply with the above referenced laws and executive orders.

8/19/09
(Date)


(Authorized Representative's Signature)

LAWRENCE P. KNECHT

Name:

EXECUTIVE VICE PRESIDENT & GM

Title:

Equal Opportunity and Nondiscrimination Certification

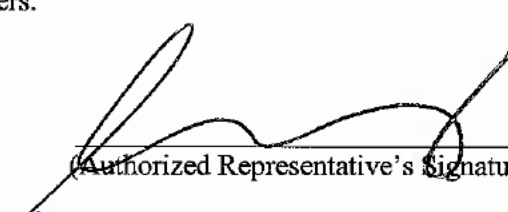
**U.S. Department of Agriculture
Broadband Initiatives Program**

All loans and grants made under the Broadband Initiatives Program are subject to the nondiscrimination provisions of Title VI of the Civil Rights Act of 1964, as amended, (7 C.F.R. Part 15); Section 504 of the Rehabilitation Act of 1973, as amended, (29 U.S.C. 901 *et seq.*; 7 C.F.R. Part 15b); and the Age Discrimination Act of 1975, as amended (42 U.S.C. 6101 *et seq.*; 45 C.F.R. Part 90), and Executive Order 11375, Amending Executive Order 11246, Relating to Equal Employment Opportunity (3 C.F.R. 1966, 1970).

All recipients of financial assistance from Rural Development, the prospective primary participant commits to carry out Rural Development's established policy to comply with the requirements of the above laws and executive orders to the effect that no person in the United States shall, "on the basis of race, color, national origin, handicap, or age, be excluded from participation in, be denied the benefits of, or be otherwise subjected to discrimination under the Broadband Initiatives Program.

We PTI PACIFICA, INC. dba IT&E (the Applicant) hereby certify that, as a prospective recipient under the said Broadband Initiatives Program, we will comply with the above referenced laws and executive orders.

8/19/09
(Date)


(Authorized Representative's Signature)

LAWRENCE P. KNECHT

Name:

EXECUTIVE VICE PRESIDENT & GM

Title:

Certification Regarding Architectural Barriers

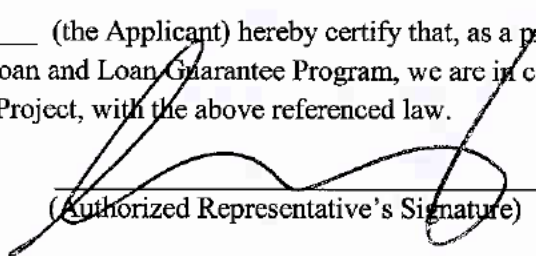
**U.S. Department of Agriculture
Broadband Initiatives Program**

All facilities financed with Rural Development loans that are open to the public, or in which physically handicapped persons may be employed or reside, must be designed, constructed, and/or altered to be readily accessible to, and usable by, handicapped persons. Standards for these facilities must comply with the Architectural Barriers Act of 1968, as amended, 42 U.S.C. §4151 *et seq.*) and with the Uniform Federal Accessibility Standards (UFAS), (Appendix A to 41 C.F.R. subpart 101-19.6).

As a prospective primary participant recipient of financial assistance from Rural Development, this organization commits to carry out Rural Development's established policy to comply with the requirements of the above referenced law to the effect that all facilities must be readily accessible to and usable by handicapped persons.

We, PTI Pacifica, Inc. dba IT&E (the Applicant) hereby certify that, as a prospective recipient under the Rural Broadband Access Loan and Loan Guarantee Program, we are in compliance, or will be in compliance upon completion of the Project, with the above referenced law.

8/19/09
(Date)


(Authorized Representative's Signature)

LAWRENCE P. KNECHT

Name:

EXECUTIVE VICE PRESIDENT & GENERAL MANAGER

Title:

**Uniform Relocation Assistance and Real Property Acquisition
Policies Act of 1970 Certification**

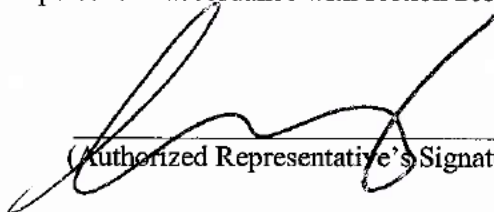
**U.S. Department of Agriculture
Broadband Initiatives Program**

We, PTI PACIFICA, INC. dba IT&E (the Applicant) assure the U.S. government that we will comply with the Uniform Relocation Assistance and Real Property Acquisition Policies Act of 1970, as amended, 42 U.S.C. §4601 *et seq.*, and with implementing federal regulations in 49 C.F.R. Part 24 and 7 C.F.R. Part 21.

Specifically, we assure that whenever Federal financial assistance is used to pay for any part of the cost of a program or Project which will result in the displacement of any person:

- (a) Fair and reasonable relocation payments and assistance shall be provided to or for displaced persons in accordance with sections 202, 203, and 204 of the Uniform Act;
- (b) Relocation assistance programs offering the services described in section 205 of the Uniform Act shall be provided to displaced persons; and
- (c) Within a reasonable period of time prior to displacement, comparable replacement dwellings will be available to displaced persons in accordance with section 205(c) (3) of the Uniform Act.

08/17/09
(Date)


(Authorized Representative's Signature)

LAWRENCE P. KNECHT
Name:

EXECUTIVE VICE PRESIDENT & GM
Title:

Certification Regarding Lobbying for Contracts, Grants, Loans, and Cooperative Agreements

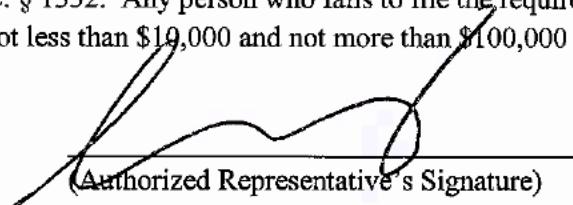
**U.S. Department of Agriculture
Broadband Initiatives Program**

We, PTI PACIFICA, INC. dba IT&E (the Applicant) the undersigned certify, to the best of our knowledge and belief, that:

- (1) No Federal appropriated funds have been paid or will be paid, by or on our behalf, 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 the awarding of any Federal contract, the making of any Federal grant or 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, we shall complete and submit Standard Form-LLL, Disclosure Form to Report Lobbying, in accordance with its instructions. See <http://www.whitehouse.gov/omb/grants/sflllin.pdf> for Disclosure Instructions.
- (3) We 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 31 U.S.C. § 1352. 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.

4/19/09
(Date)


(Authorized Representative's Signature)

LAWRENCE P. KNECHT

Name:

EXECUTIVE VICE PRESIDENT & GM

Title:

Lawrence P. Knecht

Executive Vice-President/General Manager, PTI Pacifica Inc., dba IT&E

Job Summary

- Responsible for overseeing the staff and all operational and administrative functions of PTI and its subsidiary, PTI Pacifica (IT &E and Yellow Pages Ink) in directing the profitable growth of the Corporation's Micronesian operations, providing a full range of local, inter-island and international telecommunication services, to include voice, data, image, CPE, cellular, and coin/prepaid card services for residential, business and government customers

Duties and Responsibilities

- Responsible for all accounting and financial reporting functions including forecasting (outlook), fiduciary, managerial, cost (FCC, RUS), and treasury functions for three operating companies.
- Initiate and develop the five-year strategic plan including current year operating budget and capital plan.
- Manage all corporate reporting requirements including internal and external audits.
- Analyze strategic implications of request for proposal opportunities, including marketing, financial, and regulatory impacts.
- Maintain international toll correspondent relationships and settlement administrations with carriers.
- Evaluate business development opportunities for financial viability and submit recommendations.
- Initiated, developed, and implemented a 401 K savings plan for management employees.
- Initiated and completed an internal capacity study for an International Long Distance Prepaid Phone Card, which has generated over \$10 million in additional revenue since its rollout. Received a GTE International Individual Excellence Award for this project.

Education

- Indiana Wesleyan University, Master of Business Administration
- Indiana University, Bachelor of Science in Business

Work Experience

- Ten years progressively responsible experience in all aspects of telecommunications management, with five years as an operations manager or director, possessing strong telecommunications sales, services, operations, and engineering knowledge

Dr. Frederick Richard Hill

Chief Technical Officer, PTI Pacifica Inc., dba IT&E

Education Background

- D.Sc., Communications Engineering, George Washington University, 1992
- MSEE, Communications, George Washington University, 1981
- BSEE, George Washington University, 1979
- AOS, Electronics Technology, RCA Institutes, 1973

Work Experience

- **Present**, Verizon Pacifica/PTI/IT&E
- **1995 – 2001**, Department of Business, Hospitality, and Computer Technology, Northern Marianas College
- **1992-1994**, Independent Consultant to Commonwealth Ports Authority - Oversaw construction and outfitting of Air Traffic Control Tower at Saipan International Airport.
- **1985-1992**, BDM International - Wrote technology assessments for Joint Tactical Command, Control, and Communications Agency (JTC3A); Designed major portions of FAA's Data Multiplex Network. Oversaw editing of FCC's annual submission of 5-year communications forecast to the Congress (Fuschia Book).
- **1984-1985**, Tariff Resources, Inc - Designed and implemented large scale marine tariff database using ISMA on Convergent Technologies equipment running CTOS.
- **1982-1984**, C3, Inc. - Designed and implemented system software on Stratus Cloud non-stop computers running VOS and on USCG Standard Terminals (Convergent Technologies computers) running CTOS. Wrote software in ASM-86, 680x0 assembler, PLM-86, and PL-1.
- **1963-1983**, U. S. Coast Guard - Electronic technician responsible for shipboard communications, radar, and navigation equipment and high powered Loran C transmitters and timing equipment; Communications engineer responsible for design of short range and microwave radio communications systems; laboratory engineer responsible for design and construction of unattended telemetry equipment on Large Navigation Buoys; Systems programmer for USCG Standard Terminal (Convergent Technologies equipment running CTOS). Designed USCG National VHF-FM Search and Rescue System constructed between 1974 and 1978.

Current Duties and Responsibilities

- Managed both Information Systems and Network Planning and Engineering departments; designed and implemented DSL network in CNMI; designed Saipan-Guam microwave backbone; designed new cellular network for Guam; redesigned existing cellular network for Guam; Wrote TAP 3.11 software for GSM roaming billing operations; participated in design of new telephone billing system; implemented trans-Pacific connectivity for call center; installed DACS equipment in Hawaiian Telcom's main building on Bishop Street
- Design & implementation of communications systems (wireless, optical, & wire line); Software development and design; Analysis of packet communications protocols; Computer systems integration; High level and assembler language programming (C, C++, PL-1, PLM-86, ASM-86, 680x0 assembler); Computer operating systems (Windows, Linux, VOS, CTOS); Database design and implementation; Network technology

Mar P. Santos

Regional Executive Director, PTI Pacifica Inc., dba IT&E

Job Summary:

- Responsible for overseeing the staff and all operational and administrative functions of the IT&E Network departments in Guam and the CNMI, providing a full range of local, inter-island and international telecommunication services, to include voice, data, image, CPE, cellular, and coin/prepaid card service for residential, business and government customers

Duties and Responsibilities

- Ensure the development and successful accomplishment or compliance with the established IT &E Mission, policies and procedures, relevant provisions of the union agreement, corporate business strategy and objectives, quality assurance and safety programs and standards
- Ensures that Network managers develop and accomplish departmental goals and objectives in line with the IT &E Mission and business strategy
- Provide guidance and oversight to Network Managers to assist them in ensuring efficient and successful departmental operations through the development of performance measures, establishment of goals and objectives, setting priorities and obtaining and giving feedback
- Work with General Manager and Regional Controller in the development of the annual IT &E budget, based upon input from the department Managers. Hold Managers accountable for ensuring that monthly actual expenditures remain within the budgeted amount
- Monitor the assignment and completion of tasks, projects and other responsibilities assigned to division directors to track effectiveness, ensure efficient and timely completions, and maintain compliance with Federal Communication Commission (FCC) regulations and other applicable federal, CNMI and Guam laws, and Department policies and procedures
- Ensure that all network and customer services provided in the CNMI meet or exceed industry quality standards (e.g., repair commitments, trouble reports, and answer time).
- Ensure that Switching, Transmission and Outside Plant and Land and Buildings management meets IT &E requirements for growth, providing sophisticated new services comparable to those in the U.S. domestic and Asian markets.
- Negotiate IT &E infrastructure support in the financial community (bankers, auditors, local government finance officials), participate in the development and presentation of rate case information to the Commonwealth Telecommunications Commission, and provide presentations and testimony to local government officials and the local legislature

Education

- Bachelor's degree from an accredited college or university in telecommunications, electronic engineering, business administration, marketing or a related field of study; an MBA or job-related Masters Degree desired

Work Experience

- Fifteen years progressively responsible experience in all aspects of telecommunications management, with five years as an operations manager or director, possessing strong telecommunications sales, services, operations, and engineering knowledge

Leanne Loan**Manager, Information Management Systems, PTI Pacifica Inc., dba IT&E*****Job Summary***

- Responsible for overseeing the staff and operational functions of the Information Management Systems Department in planning, managing, implementing and supporting billing operations, information systems/technology; Internet and Intranet, DSL, Call Control system for prepaid calling cards; and general management of all PTI information systems

Duties and Responsibilities

- Know and uphold the established PTI Mission, policies and procedures, relevant provisions of the union agreement, Department and Division objectives, quality assurance and safety programs and standards.
- Participate as a member of the management team in the development of the PTI business strategy and other short and long-term corporate plans, providing input and expertise relevant to information management issues.
- Provide guidance and oversight to division supervisors to assist them in ensuring efficient and successful departmental operations through the development of performance measures, establishment of sales quotas and other goals and objectives, setting priorities and obtaining and giving feedback.
- Develop, in conjunction with the Accounting Office, the annual budget for the Department, based upon input from the division supervisors. Reconcile monthly actual expenditures against the budget.
- Manage the development, testing and maintenance of billing processing and billing systems.
- Direct and manage the development and deployment of functional and system requirements based on customer and product demands.
- Evaluate new products and systems in order to keep company competitive through the billing process.
- Manage the mailing of billing statements to ensure that customers get the bills in a timely fashion.
- Direct, formulate, and approve computer system hardware/software installation, customization, and testing of maintenance in data centers.
- Execute strategy for the ongoing support of the distributed computing infrastructure and management environment.
- Direct technical support activities to manage application and/or system data to ensure that integrity, performance, and appropriate retention is maintained and that data is received by all systems interfaces.

Education

- Bachelor's degree from an accredited college or university in computer science or related field, or a combination of completion of a technical certificate program and equivalent additional work experience

Work Experience

- Seven years progressively responsible experience in data communication networks in LAN, MAN and WAN, operating systems, network and systems security with two years supervisory/managerial experience

Velma Palacios

Manager, Engineering/Plant Technical Services, PTI Pacifica Inc., dba IT&E

Job Summary

- The Manager, Engineering/Plant Technical Services, is responsible for overseeing the staff and operational functions of the Engineering and Outside Plant Services/Technical Support Services (OSP/TSS) Divisions. In the Engineering Division, the Manager provides guidance and oversight to the Division Supervisor in the research, design, planning and implementation of major telecommunications network planning and engineering projects. In the OSP/TSS Division, the Manager provides guidance and oversight to the Division Supervisor in the installation and maintenance of residential and small business lines, cable maintenance, and the installation, maintenance and repair of all business telecommunication equipment sold by PTI

Duties and Responsibilities

- Know and uphold the established PTI Mission, policies and procedures, relevant provisions of the union agreement, PTI and Department objectives, quality assurance and safety programs and standards.
- Participate as a member of the management team in the development of the PTI business strategy and other short and long-term corporate plans, providing input and expertise relevant to engineering and plant technical services issues.
- Develop, in conjunction with the division supervisors, goals and objectives for the Department in line with the PTI Mission and business strategy.
- Provide guidance and oversight to Division Directors to assist them in ensuring efficient departmental operations through the development of performance measures, establishment of goals and objectives, setting priorities and obtaining and giving feedback.
- Develop, in conjunction with the Accounting Office, the annual budget for the Department, based upon input from the Division Supervisors. Reconcile monthly actual expenditures against the budget.
- Monitor the assignment and completion of tasks, projects and other responsibilities assigned to division directors to track effectiveness, ensure efficient and timely completions, and maintain compliance with Federal Communication Commission (FCC) regulations and other applicable federal and CNMI laws, and Department policies and procedures.
- Ensure that each division develops and implements a preventive maintenance program for all Plant facilities and equipment for which the Department is responsible.
- Approve Purchase Requisitions for materials and equipment needed by the department.

Education

- Bachelor's degree from an accredited college or university in telephony, electronic/electrical engineering, engineering management or related field

Work Experience

- Seven years experience in the technical and/or engineering aspects of telecommunications with two years supervisory/managerial experience

Jim Calderwood

Manager, Network Technical Services, PTI Pacifica Inc., dba IT&E

Job Summary

- Responsible for overseeing the staff and operational functions of the Network Services Department in the management and direction of the PTI network operations in the installation, maintenance and operation of international toll services, local telephone services, data, satellite, private line and other telecommunications services. The Manager will ensure that all customer service objectives are met or exceeded with the highest customer satisfaction as a primary target

Duties and Responsibilities

- Know and uphold the established PTI Mission, policies and procedures, relevant provisions of the union agreement, PTI and Department objectives, quality assurance and safety programs and standards
- Participate as a member of the management team in the development of the PTI business strategy and other short and long-term corporate plans, providing input and expertise relevant to network operations issues
- Develop, in conjunction with the division supervisors, goals and objectives for the Department in line with the PTI Mission and business strategy
- Provide guidance and oversight to division supervisors to assist them in ensuring efficient division operations through the development of performance measures, establishment of goals and objectives, setting priorities and obtaining and giving feedback
- Develop, in conjunction with the Accounting Office, the annual budget for the Department, based upon input from the Division Supervisors. Reconcile monthly actual expenditures against the budget
- Ensure the availability and timely provision of PTI telecommunication services through the smooth and efficient operation of all network operations, to include network switching, cellular, terrestrial and underwater fiber optic, earth station and private line systems, as well as Tinian, Rota and Guam network operations
- Monitor the assignment and completion of tasks, projects and other responsibilities assigned to division directors to track effectiveness, ensure efficient and timely completions, and maintain compliance with Federal Communication Commission (FCC) regulations and other applicable federal and CNMI laws, and Department policies and procedures
- Ensure that each division develops and implements a preventive maintenance program for all Plant facilities and equipment for which the Department is responsible.
- Provide networking technical expertise and support to Division Supervisors, project developers, customers and other PTI Departments, as requested

Education

- Bachelor's degree from an accredited college or university in telephony, electrical or electronic engineering, engineering management or related field, or a combination of completion of a technical certificate program in electronics and equivalent additional work experience

Work Experience

- Seven years experience in the networking and/or engineering aspects of telecommunications, with two years related supervisory/managerial experience

Ramir Deleon**Telecommunications Engineer, Network Operations, PTI Pacifica Inc., dba IT&E*****Job Summary***

- Responsible for supervising assigned staff in the accomplishment of the functional tasks of Network Operations, providing technical engineering support for International Services and Network Operations; provides engineering expertise primarily for international operations and, secondarily, assists in supporting the engineering requirements for proposal development and general technical support in the area of network systems; provides expertise and support for all engineering disciplines within the Network Operations Department, including, satellite, transmission, radio, and operational support systems such as network and facilities management systems. This position will work under the guidance and general supervision of the Manager of the Network Operations Department

Duties and Responsibilities

- Assist the Manager, Network Operations, in developing engineering goals and objectives for the Network Operations function in line with the PTI Mission and business strategy
- Assist in achieving efficient and successful network operations through the accomplishment of assigned performance measures, meeting all goals and objectives, setting priorities and obtaining and giving feedback
- Monitor wireless, local and long distance networks for issues affecting reliability and quality determine appropriate measures of quality and write software to produce reports to show levels of operational performance relative to these measures
- Troubleshoot network problems, analyze source of problems and assist in their correction
- Assist in the engineering design review of existing and proposed terrestrial carrier (transmission) systems to ensure operational performance and expansion/upgrade requirements
- Ensure equipment vendor/manufacturers' performance standards for new equipment are fully compliant with the specifications required by PTI and meet both North American and international standards
- Assist the Manager, Network Operations, in providing research and engineering design support for the development of major project proposals
- Prepare engineering and system drawings as well as support documentation for test and acceptance, training, cutover, and installation plans
- Provide technical support for all network and network-related systems (Billing; traffic engineering and separations/settlements; COE maintenance support programs, etc.).
- Cross-train other engineering and technical staff in various aspects of this position to prepare them to fill in as needed and for possible succession

Education

- Bachelor of Science in Electronics and Communication Engineering, Lyceum of the Philippines - Intramuros Manila, Philippines

Work Experience

- Two years experience in the operation and maintenance of wireless systems

Ray Sanchez

Supervisor, Billing/Systems Engineer, PTI Pacifica Inc., dba IT&E

Job Summary

- The Supervisor, Billing Division/Systems Engineer, is responsible for supervising the staff and ensuring the accomplishment of the functional tasks of the Billing Division in processing all call records from the switches and loads them into the billing system, ensuring that all processes are performed properly and the customers are billed accurately. The Supervisor also performs as the Systems Engineer, analyzing and programming the Aptis system environment. The Supervisor will ensure that cost and quality objectives are achieved and customer expectations are met

Duties and Responsibilities

- Know and uphold established IT &E Mission, policies and procedures, relevant provisions of the union agreement, Department and Division objectives, quality assurance and safety programs and standards
- Develop, in conjunction with the Department Manager, goals and objectives for the Billing Division in line with the IT &E Mission and business strategy.
- Perform supervisory duties that include interview and hiring, coaching, counseling, monitoring attendance, taking disciplinary action, preparing performance appraisals, timekeeping and promoting employee involvement
- Ensure efficient and successful division operations through the implementation of performance measures, establishing and meeting all goals and objectives, setting priorities and obtaining and giving feedback
- Evaluate new projects prior to launch and investigates technical aspects, creates software programs and implementation procedures, assigns tasks to staff, verifies test run results, and implements project
- Evaluate current system processes and develops problem solutions to decrease time usage and to improve on ease of use
- Analyze current hardware and software used in billing process and finds, evaluates and recommends problem solutions to improve ease of use, save on monthly operations expensed and improve the overall billing system
- Develop and implement system standards, technical data and procedures to serve as a guide for division staff
- Refer Customer billing problems to Customer Service and assist by developing input error queries and generating reports for Customer Service to use in correcting problems
- Analyze, create, revise/fix programs in the Aptis system environment, using Command Language (CL) and Report Programming Generator (RPG), RPG-Integrated Language Environment (ILE), Structured Query Language (SQL) and SQL-ILE, to maintain and improve the billing software/system and accomplish any other corporate system needs

Education

- Bachelor's degree from an accredited college or university in computer science or related field

Work Experience

- Five years progressively responsible experience in systems analysis and systems administration

Richarte Dumlao

**Sr. Administrator (Analyst)- Systems/Network LAN, MAN & WAN,
PTI Pacifica Inc., dba IT&E**

Job Summary

- Responsible for telecommunications systems and networking systems. Experienced individual contributor is responsible for planning, analyzing, recommending and supporting company's computer systems and network including but not limited to Routers, Switches, Firewalls, Linux, Windows servers, Data and Voice communication lines, operating systems and other types of software. Provides assistance to client staff on the most difficult problems. Participates in the design and planning of infrastructure to support new applications and technologies

Duties and Responsibilities

- Performs analysis and makes recommendations regarding server and network related equipment and software
- Develops and evaluates options in infrastructure planning to support new applications and technologies. Configures, installs and administers Routers, DSLAM, servers and network hardware and software
- Provides network operations support including data back ups, data restores, disaster recovery and storage management. Analyzes server and network activity and maintains performance monitoring systems as well as other software programs
- Develops departmental hubbing, diversity and meshing schemes for intranet which meet user expectations for mission critical applications. Applies thorough professional knowledge and complex processes in the wide area data network architecture, developing and implementing for the enterprise intra net environments
- Provides database support services for critical computer applications. Provides backup for Internet system maintenance and support. Provides backup for Call Control system for prepaid calling card system maintenance and support
- Provides backup for billing operations, AS/400 system maintenance, and user support
- Performs other related duties as assigned

Education

- Bachelor of Science in Electrical Engineering Computers, Lyceum of the Philippines - Intramuros Manila, Philippines

Work Experience

- Considerable knowledge of computer systems, computer hardware and software applications. Working knowledge of local area networks, and wide area networks. Working knowledge of LANIWAN architecture to provide redundancy, fault tolerance and perimeter security. Working knowledge of network and client/server with a detailed understanding which includes Network Routing Protocols, Network Services such as IP VoiceNideo, DNS, Firewall policies, proxy and cache servers, mail servers, COMA network, and DSLAM technologies. Skilled at designing, planning, coordinating and implementing changes, maintaining and troubleshooting various aspects of multi-scaled, multiplatform and multi-protocol complex networks. Troubleshoot difficult hardware and software problems. Meet project deadlines. Ability to establish and maintain effective working relationships with Engineering, Support resources, customers and vendors

Sharon Abragon**Supervisor, Billing/Systems Engineer, PTI Pacifica Inc., dba IT&E*****Job Summary***

- The Supervisor, Billing Division/Systems Engineer, is responsible for supervising the staff and ensuring the accomplishment of the functional tasks of the Billing Division in processing all call records from the switches and loads them into the billing system, ensuring that all processes are performed properly and the customers are billed accurately. The Supervisor also performs as the Systems Engineer, analyzing and programming the AS400 system environment. The Supervisor will ensure that cost and quality objectives are achieved and customer expectations are met

Duties and Responsibilities

- Know and uphold established PTI Mission, policies and procedures, relevant provisions of the union agreement, Department and Division objectives, quality assurance and safety programs and standards
- Perform supervisory duties that include interviewing/hiring, coaching, counseling, monitoring attendance, taking disciplinary action, preparing performance appraisals, timekeeping and promoting employee involvement
- Supervise team of System Administrators and a Support Assistant, providing a work environment that focuses on both team and individual objectives and promotes empowerment for the employees in responding to customer needs
- Ensure efficient and successful division operations through the implementation of performance measures, establishing and meeting all goals and objectives, setting priorities and obtaining and giving feedback
- Ensure that all billing-related jobs are done accurately to ensure Customers are billed properly by checking all aspects of the billing cycle and making sure all new projects are in place and set up properly prior to running the cycle
- Evaluate new projects prior to launch and investigates technical aspects, creates software programs and implementation procedures, assigns tasks to staff, verifies test run results, and implements project
- Evaluate current system processes and develops problem solutions to decrease time usage and to improve on ease of use
- Analyze current hardware and software used in billing process and finds, evaluates and recommends problem solutions to improve ease of use, save on monthly operations expensed and improve the overall billing system
- Refer Customer billing problems to Customer Service and assist by developing input error queries and generating reports for Customer Service to use in correcting problems
- Analyze, create, and revise/fix programs in the AS400 system environment, using Command Language (CL) and Report Programming Generator (RPG) to maintain and improve the billing software/system and accomplish any other corporate system needs

Education

- Bachelor's degree from an accredited college or university in computer science or related field

Work Experience

- Five years progressively responsible experience in systems analysis and systems administration

Sharon Arboleda Porra,
Asst. MIS Manager, PTI Pacifica Inc., dba IT&E

Job Summary

- In the absence of a MIS Manager for the first 7 months of my stay, worked together with another Asst. MIS Manager to oversee and manage the whole computer system of both the Hotel and Casino. Involved in the pre-opening project which comprise of the preparation and setup of all computers, integration of the different systems in order to attain a seamless computer operation for the hotel and casino. The responsibility is more focused on the Hotel Operation.
- Maintain the interface between the Hotel information System (HIS), Property Management System (Integram PABX System Interface, Mini bar, Voicemail), Pay TV (Guestserve) and the MICROS POS.
- Manage AS/400 environment on PC using Client Access/400 software in Windows 95 (TCP/IP and NS/Router), Windows NT Workstation 4.0 and DOS interface
- Systems Administration for AS/400
- Ensure proper backup and recovery system for AS/400 machines
- Manage I Maintain MICROS 8700 operations and machines
- Maintain /I develop menus for the different revenue centers
- Administer to HIS Back Office Operations (GL, AP, Inventory) running on AS/400
- Support ABRA Payroll & Unitime Time & Attendance operations
- Configure / Maintain I Troubleshoot Local Area Network for both Hotel & Casino
- Support User Operations on Windows 95, Windows NT Workstation, Windows NT Server 4.0 environment
- Software / Hardware Installations / Maintenance I fixes for computers

Education

- College: University of San Carlos, Cebu City, Philippines. Bachelor of Science in Computer Engineering

Work Experience

- Present - Tinian Dynasty Hotel & Casino
- 1995 – 1997 Systems Engineer for AS/400

Ernesto Baysa, Head of Wireless and VSAT Operations, PTI Pacifica Inc., dba IT&E

Job Summary

- Head of Wireless and VSAT Operations
- Handles 32 Engineers and Technical specialist for the O&M of Telicphil FOC Operations, SAT Satellite Earth Station, Terrestrial Backbone Management and O&M, Power Plant Operations and South Luzon Operations
- Plan, Operate and Maintain DWDM system of 14 POIs with combined links of undersea and land FOC over 1700 Km of submerged FOC span (16ch x 10G DWDM system with undersea links of up to 50dB with RAMAN technology and working since year 2004 under ECI XDM Platform: XDM-2000, XDM-1000, XDM-100 and BG 40s with NMS under Lightsoft system)
- Operate and Maintain the existing 2x2.5G FOC network using Fujitsu FLX 2000 and FLX 1501600 ADM using FLEXR Plus NMS and SIEMENS DXCs. Installed since year 1996
- Support the O&M of Nortel TNIX FOC transmission for LEE services on 126 units of
- OPAC system (Outside Plant Access Cabinet) for Provincial Area
- Operate and Maintain 2+1 Fujitsu 5G SDH Microwave Network of 48 Relay Stations
- including its support facilities. Installed since 1995 to present
- Plan, Operate and Maintain Satellite Earth Station of 10m antenna system in Antipolo City with 101 remote VSAT nodes.
- Manage the Power Plant Operations for support facilities compose of 225 generator sets and 210 UPS system installed nationwide
- Operate and Maintain PDH DMR spurs in Metro Manila of 26 links and support the
- Involved in BAYAN's Special Project Group for the rollout and implementation of the Phase 1 (23 stations) & Phase 2 BTS (30 Provincial stations) of WLL-CDMA1x technology as Project Manager of BSS implementation: BTS and BSe installation, Wireless Network
- Planning, Wireless Network Optimization, Coverage Planning, Capacity Planning and Site Acquisition
- 13 years of experienced in telecoms industry and specialized in FOE Transmission, DMR Microwave, VSAT and CDMA Wireless Operations and Maintenance, Implementation, Commissioning and Engineering
- OPEX/CAPEX Management, Staff Management and Development

Education

- Electronics Communication Engineering (BS) Rizal Technological Colleges, Mandaluyong City, 1994.
- SDH Technology and Fujitsu DMR equipment
- AWA 8 x E1 and 16 x E1 PDH DMR facilities
- In-depth PMI of Fujitsu SDH DMR thru NMS
- Antenna Assembly and Waveguide Installation

Work Experience

- Bayantel Inc. Philippines, Team Leader, Head - Wireless and VSAT Operations, Strategic Project - WLL CDMA Implementation Manager
- 1995 – 1996 Radio Communication Philippines Inc., Systems Engineer
- 1993 – 1995 Metrotech Inc., Philippines, Cadet Engineer

Gina Leon Guerrero, Manager, Network Services

Job Summary

- Responsible for the management, optimization and overall technical operation and maintenance, including advance planning, design recommendations, and implementation of telecommunications networks, i.e., interconnection mediums, switching systems, terminal equipment, etc.

Duties and Responsibilities

- Know and uphold the established IT &E Mission, policies and procedures, IT &E and Department objectives, quality assurance and safety programs and standards
- Participate as a member of the management team in the development of the IT &E business strategy and other short and long-term corporate plans, providing input and expertise relevant to switching and network services
- Provide guidance and oversight to the Department to assist them in ensuring efficient departmental operations through the development of performance measures, establishment of goals and objectives, setting priorities and obtaining and giving feedback
- Develop, in conjunction with the Accounting Office, the annual budget for the Department, based upon input from the Regional Executive Director for Network.
- Manage the Department Operating Expense Budget
- Monitor the assignment and completion of tasks, projects and other responsibilities assigned to unit supervisors to track effectiveness, ensure efficient and timely completions, and maintain compliance with Federal Communication Commission (FCC) regulations and other applicable federal and local laws, Department policies and procedures
- Approve Purchase Requisitions for materials and equipment needed by the department
- Provide technical expertise and support to Wireless Network Services supervisors, engineers, technicians, and other IT &E Departments, as requested.
- Review Department work assignments, performance reports with the Network Services team
- Coordinate with the Human Resources office to develop and implement in-service and cross-training, certification programs and other programs and strategies to improve staff skill levels and advancement potential, productivity, safety, and quality within the department
- Serves as project manager on special projects, as assigned by the Regional Executive Director for Network

Education

- Bachelor's degree from an accredited college or university in telephony, electronic/electrical engineering, engineering management, computer science or related field

Work Experience

- Six (6) years experience in the technical and/or engineering aspects of telecommunications with Two (2) years supervisory/managerial experience

Alan Pacheco, Supervisor, Wireless Network Operations Center

Job Summary

- Responsible for the direct supervision of the staff and operational functions of the Wireless NOC Unit which conducts routine maintenance, trunk provision, circuits, and provisions and maintain subscriber database

Duties and Responsibilities

- Supervise personnel of the Wireless Network Operations Center.
- Conduct routine maintenance, provision trunks, circuits, and provisions and maintains subscriber database.
- Administrator of SMSC.
- Provide technical support for Roaming Implementation.
- Conduct routine maintenance and clearing alarms as required.
- Updates switch database and other related equipment.
- Ensures trouble reports are processed and cleared.
- Assist and support Customer Service in updating subscriber information and accounts.
- Provision and maintain other aspects of the Wireless service such as the Pre-paid System and Voice Mail System.
- Train and assist subordinate technicians on complex, routine and enhanced maintenance.
- Provide technical assistance on Wireless digital issues and complex translations.
- Review Unit work assignments and performance reports.
- Perform other related duties as assigned or required.

Education

- Bachelor's degree from an accredited college or university in telephony, electronic/electrical engineering, engineering management or related field, or equivalent training

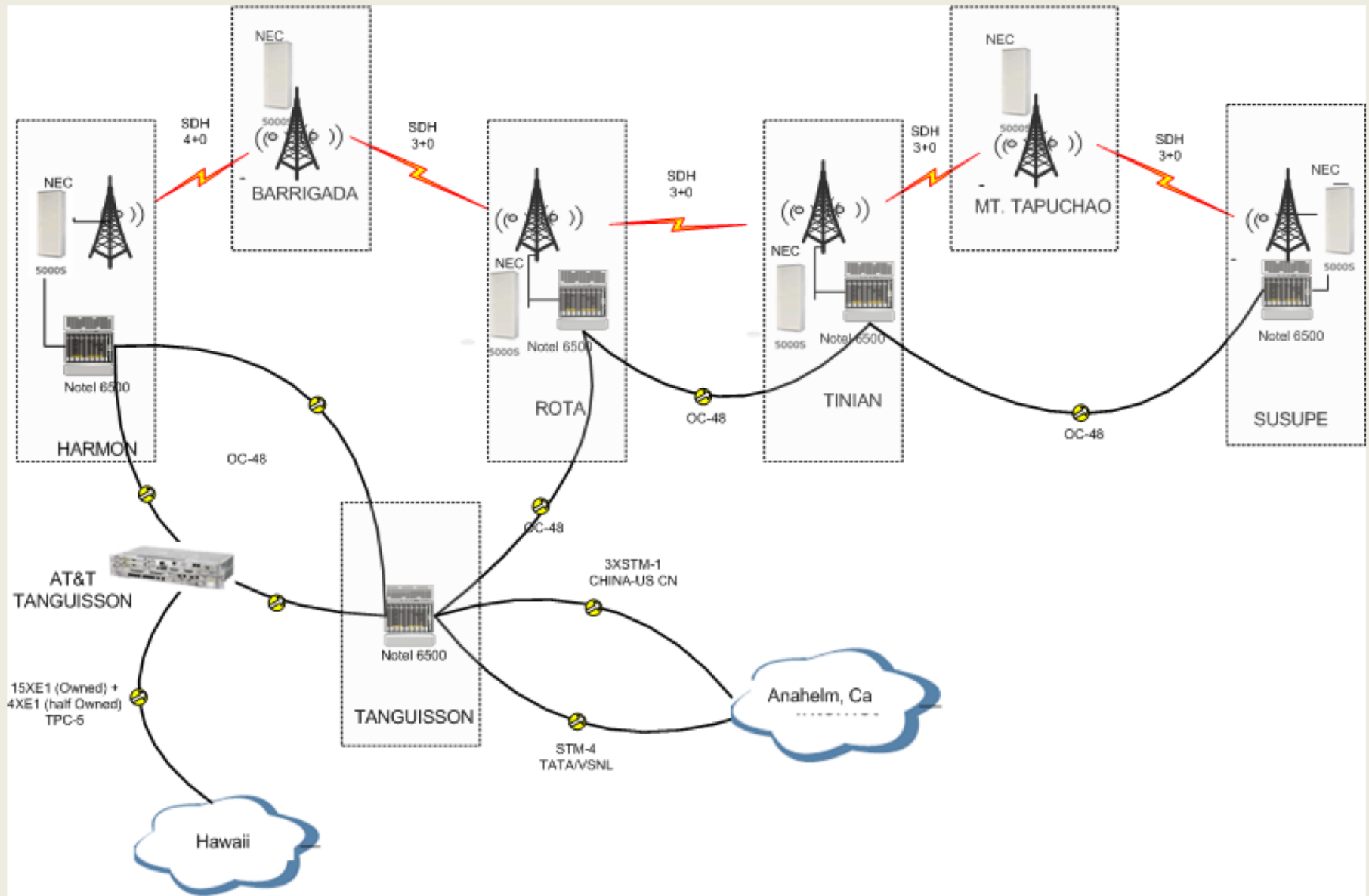
Work Experience

- Four (4) years experience in the technical aspects of switching and telecommunications related equipment

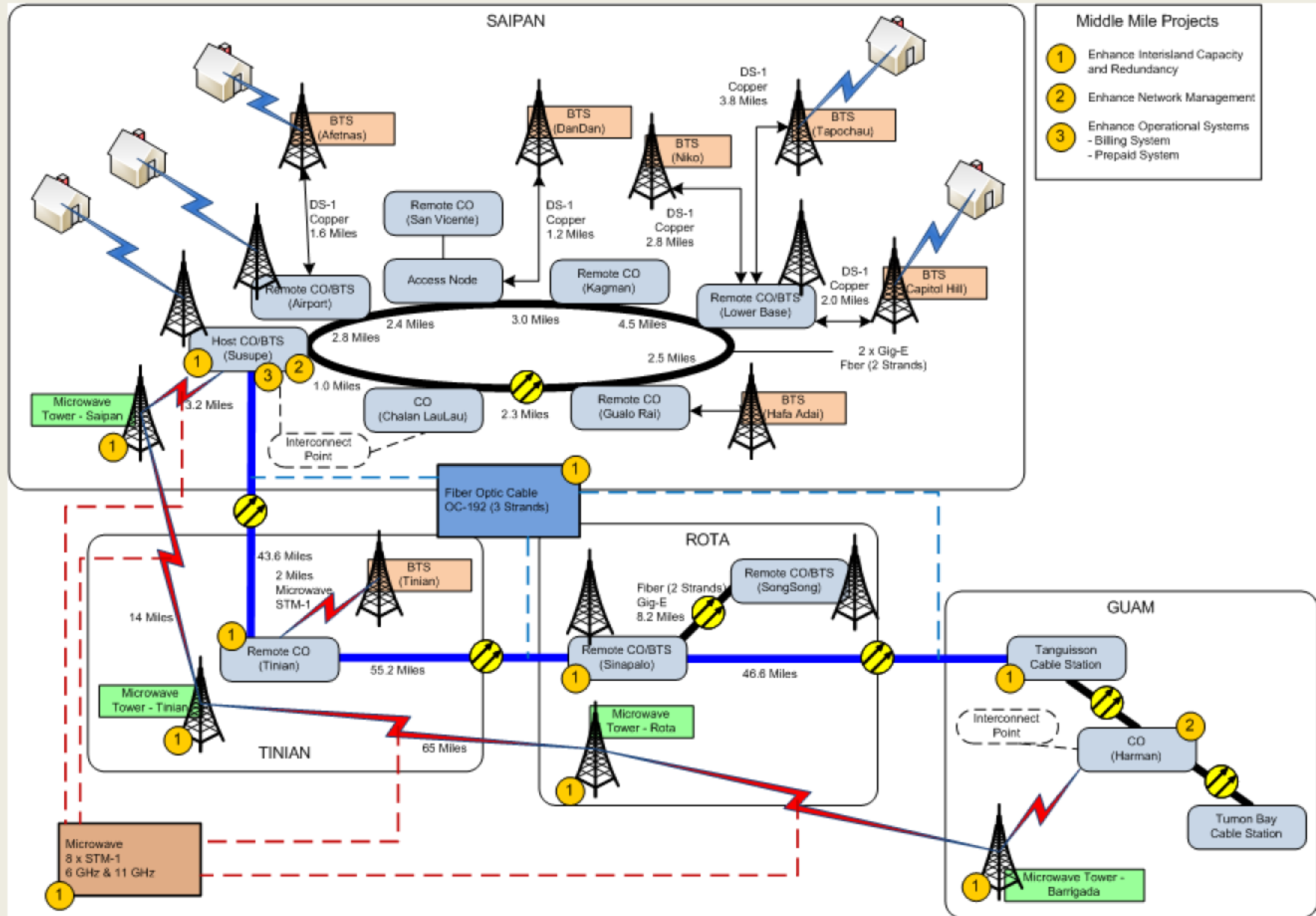
IT&E Middle Mile Network Diagram

Current State

Marianas Interisland Cable Systems (MICS)







Proposed High Level Middle Mile Implementation



EXISTING TRANSMISSION BACKHAUL UNLICENSED 2/5GHz MICROWAVE RADIO WITH 4&8XT1

LEGEND:

-  Existing Microwave Radio (Licensed)
-  Existing Microwave Radio (Unlicensed)
-  BTS Node
-  Leased T1

**GTA
LEASED T1**



1. INARAJAN 2XT1
2. IPAN 1XT1
3. ATAO 1XT1
4. AJAYAN 1XT1
5. SUMAY MERIZO 1XT1
6. LINGAE 1XT1
7. PIGA 1XT1
8. UMATAC 1XT1
9. CHAGAME 1XT1

- HANSEN**
1. CAMP COVINGTON 4XT1/3.64 Miles
 2. STA RITA 4XT1 / 5.12 Miles
 3. NIMITZ TOWER 8XT1 / 2.8 Miles
 4. HALODA 4XT1/1.45 Miles
 5. AGAT 4XT1/ 8.33 Miles
 6. COCOS 4XT1/ 4.77 Miles
 7. HANSEN

SONY

DS3 1+0 (8.32 Miles)

DS3 1+0 (1.73 Miles)

OC3 1+1 (9.98 Miles)

- GITC**
- DS3 1+0 (2.44 Miles)
- DS3 1+0 (3.3 Miles)
- HOLIDAY**
1. SAN RAMON 4XT1/ 1.34 Miles
 2. ORDOT 4XT1 / 1.21 Miles
 3. HOLIDAY

GITC

1. SONY 4XT1 / 0.89 Miles
2. GITC

DS3 1+0 (3.3 Miles)

- HARMON**
1. OHANA 8XT1/ 1.8 Miles
 2. MARRIOT 8XT1 / 0.88 Miles
 3. PACIFIC TYRE 4XT1/ 2.7 Miles
 4. AIRPORT 4XT1 / 0.74 Miles
 5. FINEGAYAN 8XT1 / 4 Miles
 6. GUGAGON – FINEGAYAN 4XT1 / 1.78 Miles
 7. CHALAN TRAMOJO 4XT1 / 5.2 Miles
 8. ISMC

PNB

1. GCIC (0.41 Miles)
2. CANADA (2.27 Miles)
3. PNB

OC3 3+1 (1.97 Miles)

SDH 4+0 (1.97 Miles)

OC3 1+0 (5.52 Miles)

- LEO PALACE**
1. YONA 4XT1 / 2.75 Miles
 2. CHALAN PAGO 4XT1 / 3.08 Miles
 3. TALAFOFO 8XT1 / 3.76 Miles
 4. SINIFA 4XT1 / 3.51 Miles
 5. MALOLO 4XT1 / 7.4 Miles
 6. LEO PALACE

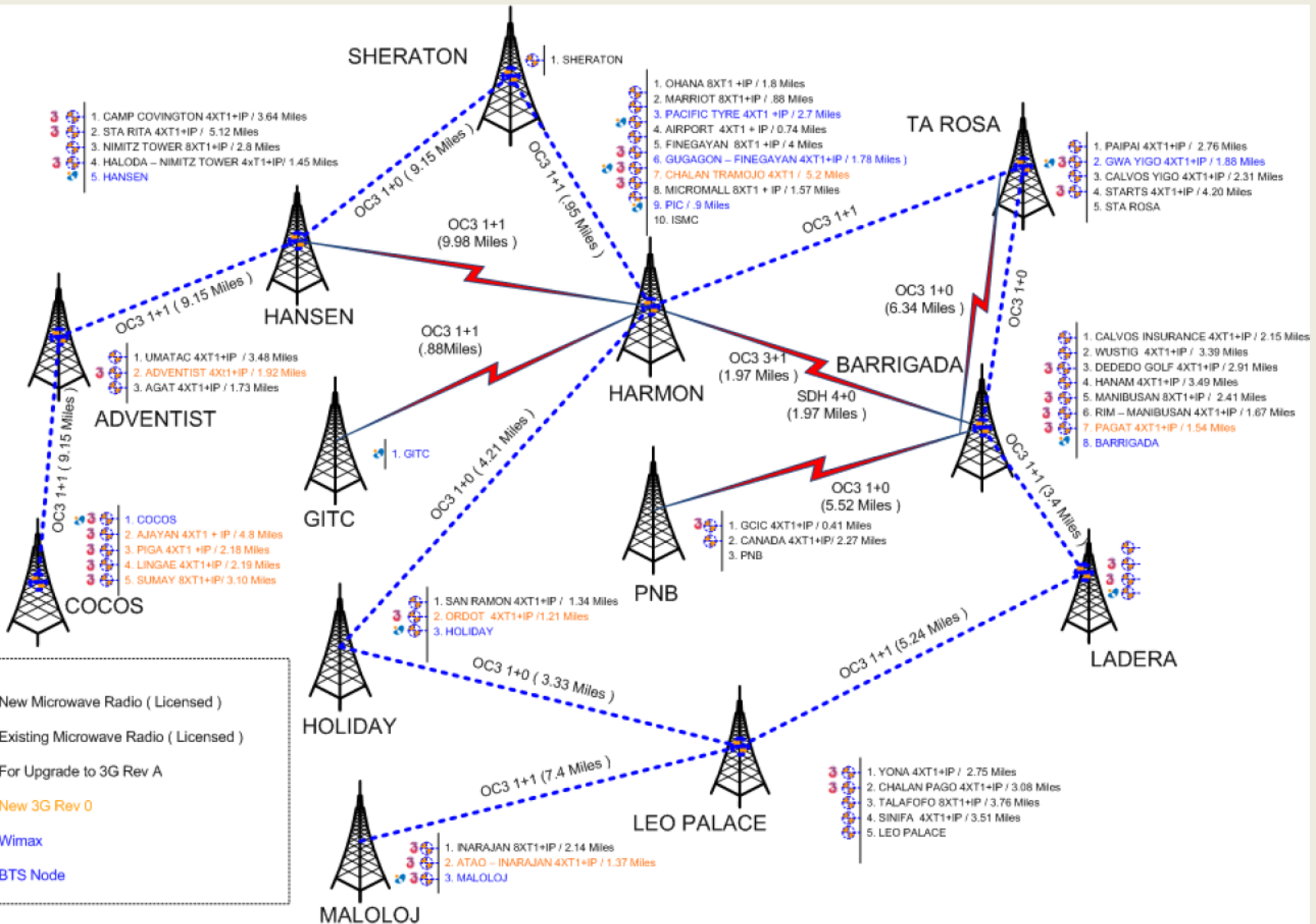
- STA ROSA**
1. PAIPAI 4XT1 / 2.76 Miles
 2. GWA YIGO 4XT1 / 1.88 Miles
 3. CALVOS YIGO 4XT1 / 2.31 Miles
 4. STA ROSA

- BARRIGADA**
1. STARTS 8XT1 / 6.63 Miles
 2. WUSTIG 4XT1 / 3.39 Miles
 3. MICROMALL 8XT1 / 1.57 Miles
 4. CALVOS INSURANCE 4XT1 / 0.64 Miles
 5. DEDEDO GOLF 4XT1 / 2.91 Miles
 6. HANAM 4XT1 / 3.49 Miles
 7. MANIBUSAN 8XT1 / 2.41 Miles
 8. RIM – MANIBUSAN 4XT1/ 1.67 Miles
 9. BACKROAD 4XT1 / 1.54 Miles
 10. BARRIGADA

- LADERA**
1. FINESTORE 4XT1 / 0.89 Miles
 2. SABANA 4XT1 / 5.34 Miles
 3. LADERA

- LADERA**
1. FINESTORE 4XT1 / 0.89 Miles
 2. SABANA 4XT1 / 5.34 Miles
 3. LADERA

PROPOSED BTS/3G/WIMAX TRANSMISSION BACKHAUL LICENCED MICROWAVE RADIO WITH IP



Atta

Please complete the table below describing the service offerings to point-to-point (geographical end points) of the specific package, the services. The chart may be adapted to adequately describe the services available based on the area that will be receiving the benefits, the

Service Offering	Distance Band or Point to Point
Inter Island VLAN	Distance Band

Attachment B – Proposed Middle Mile Service Offerings

What will be available indicating the bandwidth packages, the distance band (length), the minimum peak load bandwidth that is available on the route, and the monthly service offerings of the project as long as the information described is included. In separate charts should be developed indicating which are the services for each

Minimum Peak Load Network Bandwidth Capacity (Mbps)	Monthly/Yearly Pricing (\$)
1 Mbps	\$2,500/Monthly Charge

ATTACHMENT C – COMPETITOR TABLE – LAST MILE

Existing Last Mile Broadband Service Providers and Services Offered: Please complete a table describing the competing last mile providers’ broadband service offerings being advertised in each proposed funded service area (BIP applicants should complete this table for each census designated community within the proposed funded service area) . For each competitor, explain the following: a) technology; b) service tiers; c) advertised speeds for residential and business; d) pricing. Include any other comments to explain your findings, if necessary.

CNMI								
Service Area	Last Mile Services Provider	Technology Platform	Service Tier	Advertised Residential Offering		Advertised Business Offering		Other Comments
				Downstream Speed (Mbps)	Price	Downstream Speed (Mbps)	Price	
Service Area 1/ Census community 1	Provider A	Online-e/DSL	Entry Level Plan	.128	\$19.95	N/A	N/A	N/A: Not Available
			Highest Speed Plan	1.8	\$107.19	N/A	N/A	N/A: Not Available
			Other Plans (e.g., Mid-Tier Plan)	1.2	\$75.62	N/A	N/A	N/A: Not Available
	Provider B		Entry Level Plan					
			Highest Speed Plan					
			Other Plans (e.g., Mid-Tier Plan)					
Service Area 2/ Census community 2	Provider A		Entry Level Plan					
			Highest Speed Plan					
			Other Plans (e.g., Mid-Tier Plan)					
	Provider B		Entry Level Plan					
			Highest Speed Plan					
			Other Plans (e.g., Mid-Tier Plan)					

ATTACHMENT C – COMPETITOR TABLE – MIDDLE MILE

Existing Middle Mile Broadband Service Providers and Services Offered: Please complete a table describing the competing middle mile providers’ broadband service offerings being advertised in the last mile service areas associated with the proposed middle mile project. **For BIP**, please provide this information for each census designated community within each last mile service area. For each competitor, explain the following: a) technology; b) service tiers; c) point-to-point of the competitor’s service offering; d) speed; and e) pricing. Include any other comments to explain your findings if necessary.

CNMI							
Service Area	Middle Mile Services Provider	Technology Platform	Service Tier	Point-to-Point	Minimum Peak Load Network Bandwidth Capacity	Pricing	Other Comments
Service Area 1/ Census community 1	Provider A	N/A	Entry Level Plan	N/A	N/A	N/A	N/A: Not Available Wholesale is not widely used in this market
		N/A	Highest Speed Plan	N/A	N/A	N/A	N/A: Not Available Wholesale is not widely used in this market
		N/A	Other Plans (e.g., Mid-Tier Plan)	N/A	N/A	N/A	N/A: Not Available Wholesale is not widely used in this market
	Provider B		Entry Level Plan				
			Highest Speed Plan				
			Other Plans (e.g., Mid-Tier Plan)				
Service Area 2/ Census community 2	Provider A		Entry Level Plan				
			Highest Speed Plan				
			Other Plans (e.g., Mid-Tier Plan)				
	Provider B		Entry Level Plan				
			Highest Speed Plan				
			Other Plans (e.g., Mid-Tier Plan)				

ATTACHMENT C – COMPETITOR TABLE – LAST MILE

Existing Last Mile Broadband Service Providers and Services Offered: Please complete a table describing the competing last mile providers’ broadband service offerings being advertised in each proposed funded service area (BIP applicants should complete this table for each census designated community within the proposed funded service area) . For each competitor, explain the following: a) technology; b) service tiers; c) advertised speeds for residential and business; d) pricing. Include any other comments to explain your findings, if necessary.

Guam								
Service Area	Last Mile Services Provider	Technology Platform	Service Tier	Advertised Residential Offering		Advertised Business Offering		Other Comments
				Downstream Speed (Mbps)	Price	Downstream Speed (Mbps)	Price	
Service Area 1/ Census community 1	Provider A	ADSL	Entry Level Plan	1.0	\$34.95	N/A	N/A	N/A: Not Available
			Highest Speed Plan	10.0	\$129.95	N/A	N/A	N/A: Not Available
			Other Plans (e.g., Mid-Tier Plan)	2.5 7.0	\$62.45 \$93.70	N/A	N/A	N/A: Not Available
	Provider B	ADSL	Entry Level Plan	1.2	\$37.95	1.2	\$42.95	
			Highest Speed Plan	7.0	\$84.35	7.0	\$149.95	
			Other Plans (e.g., Mid-Tier Plan)	2.5	\$56.25	2.5 3.5	\$60.75 \$88.85	
Service Area 2/ Census community 2	Provider A	DSL	Entry Level Plan	N/A	\$59.95	N/A	N/A	Contract Price N/A: Not Available
			Highest Speed Plan	N/A	\$69.95	N/A	N/A	Month-to-Month Price N/A: Not Available
			Other Plans (e.g., Mid-Tier Plan)	N/A	N/A	N/A	N/A	N/A: Not Applicable
	Provider B		Entry Level Plan					
			Highest Speed Plan					
			Other Plans (e.g., Mid-Tier Plan)					

ATTACHMENT C – COMPETITOR TABLE – MIDDLE MILE

Existing Middle Mile Broadband Service Providers and Services Offered: Please complete a table describing the competing middle mile providers’ broadband service offerings being advertised in the last mile service areas associated with the proposed middle mile project. **For BIP**, please provide this information for each census designated community within each last mile service area. For each competitor, explain the following: a) technology; b) service tiers; c) point-to-point of the competitor’s service offering; d) speed; and e) pricing. Include any other comments to explain your findings if necessary.

Guam							
Service Area	Middle Mile Services Provider	Technology Platform	Service Tier	Point-to-Point	Minimum Peak Load Network Bandwidth Capacity	Pricing	Other Comments
Service Area 1/ Census community 1	Provider A	DSL	Entry Level Plan	N/A	N/A	\$59.95	N/A: Not Available Wholesale is not widely used in this market
		DSL	Highest Speed Plan	N/A	N/A	\$69.95	N/A: Not Available Wholesale is not widely used in this market
		N/A	Other Plans (e.g., Mid-Tier Plan)	N/A	N/A	N/A	N/A: Not Applicable
	Provider B		Entry Level Plan				
			Highest Speed Plan				
			Other Plans (e.g., Mid-Tier Plan)				
Service Area 2/ Census community 2	Provider A		Entry Level Plan				
			Highest Speed Plan				
			Other Plans (e.g., Mid-Tier Plan)				
	Provider B		Entry Level Plan				
			Highest Speed Plan				
			Other Plans (e.g., Mid-Tier Plan)				

CNMI-Attachment A - Proposed Last Mile Service Offerings

Please complete the attached chart for each proposed funded service area modifying the chart as necessary to detail the service offerings. **For BIP applicants only:** for all other service areas where funds are not being requested, complete a chart that aggregates the service offerings.

<i>Name of Tier</i>	<i>Advertised Speeds</i>		<i>Average Speeds</i>		<i>Average Latency (BTOP only)</i>	<i>Pricing Plan \$ per month</i>
	<i>Downstream Mbps</i>	<i>Upstream Mbps</i>	<i>Downstream Mbps</i>	<i>Upstream Mbps</i>	<i>@ End User CPE Milli-seconds</i>	
Residential Wireless						
Entry Level Speed	1.0	0.5	1.0	0.5	120/150	██████
Maximum Speed	1.5	0.5	1.5	0.5	120/150	██████
Other Residential Tiers	3.0	0.5	3.0	0.5	120/150	██████
Business or Institutions Wireless						
Entry Level Speed	1.0	0.5	1.0	0.5	120/150	██████
Maximum Speed	1.5	0.5	1.5	0.5	120/150	██████
Other Business or Institution Tiers	3.0	0.5	3.0	0.5	120/150	██████
Prepaid Wireless						
Prepaid Hourly	1.0	0.5	1.0	0.5	120/150	██████

Guam-Attachment A - Proposed Last Mile Service Offerings

Please complete the attached chart for each proposed funded service area modifying the chart as necessary to detail the service offerings. **For BIP applicants only:** for all other service areas where funds are not being requested, complete a chart that aggregates the service offerings.

<i>Name of Tier</i>	<i>Advertised Speeds</i>		<i>Average Speeds</i>		<i>Average Latency (BTOP only)</i>	<i>Pricing Plan \$ per month</i>
	<i>Downstream Mbps</i>	<i>Upstream Mbps</i>	<i>Downstream Mbps</i>	<i>Upstream Mbps</i>	<i>@ End User CPE Milli-seconds</i>	
Residential Wireless						
Entry Level Speed	1.0	0.5	1.0	0.5	120/150	██████
Maximum Speed	1.5	0.5	1.5	0.5	120/150	██████
Other Residential Tiers	3.0	0.5	3.0	0.5	120/150	██████
Business or Institutions						
Entry Level Speed	1.0	1.0	1.0	1.0	120/150	██████
Maximum Speed	1.5	1.5	1.5	1.5	120/150	██████
Other Business or Institution Tiers	3.0	3.0	3.0	3.0	120/150	██████
Prepaid Wireless						
Prepaid Hourly	1.0	0.5	1.0	0.5	120/150	██████