

I Mina'Trentai Kuáttro Na Liheslaturan
BILL STATUS

BILL NO.	SPONSOR	TITLE	DATE INTRODUCED	DATE REFERRED	CMTE REFERRED	PUBLIC HEARING DATE	DATE COMMITTEE REPORT FILED	FISCAL NOTES	NOTES
276-34 (LS)	Dennis G. Rodriguez, Jr. Tommy Morrison William M. Castro	AN ACT TO ADD A NEW SECTION § 50120 TO CHAPTER 50 GUAM ECONOMIC DEVELOPMENT AND COMMERCE AUTHORITY, 12 GCA AUTONOMOUS AGENCIES, RELATIVE TO DIRECTING THE GUAM ECONOMIC DEVELOPMENT AUTHORITY IN COLLABORATION WITH THE OFFICE OF TECHNOLOGY TO DEVELOP AND PUBLISH A REQUEST FOR INFORMATION RELATIVE TO HOW AN INTERESTED CONTRACTOR, INTERNET SERVICE PROVIDER, OR OPERATOR WOULD DESIGN A MUNICIPAL WI-FI SERVICE TO PROVIDE INTERNET ACCESS TO THE ENTIRE ISLAND OF GUAM.	4/24/18 4:47 p.m.						

MINA' TRENTAI KUATTRO NA LIHESLATURAN GUÅHAN
2018 (SECOND) Regular Session

Bill No. 276-34 (LS)

Introduced by:

Dennis G. Rodriguez, Jr. 

Tommy A. Morrison 

William M. Castro 

AN ACT TO *ADD* A NEW SECTION § 50120 TO CHAPTER 50 GUAM ECONOMIC DEVELOPMENT AND COMMERCE AUTHORITY, 12 GCA AUTONOMOUS AGENCIES, RELATIVE TO DIRECTING THE GUAM ECONOMIC DEVELOPMENT AUTHORITY IN COLLABORATION WITH THE OFFICE OF TECHNOLOGY TO DEVELOP AND PUBLISH A REQUEST FOR INFORMATION RELATIVE TO HOW AN INTERESTED CONTRACTOR, INTERNET SERVICE PROVIDER, OR OPERATOR WOULD DESIGN A MUNICIPAL WI-FI SERVICE TO PROVIDE INTERNET ACCESS TO THE ENTIRE ISLAND OF GUAM.

2018 APR 24 PM 4:47 

1 **BE IT ENACTED BY THE PEOPLE OF GUAM:**

2 **Section 1. Legislative Findings and Intent.** *I Liheslaturan Guåhan*
3 finds that the internet may become an essential utility of the 21st
4 century. More and more of our lives and systems are reliant upon access to
5 the internet and this trend will not stop. Having internet access brings
6 communities together, improves learning outcomes for students, and drives
7 economic growth. The world will continue to improve and develop more
8 “Internet of Things” which will drive cost reductions and improve our lives.

1 The advantages and impacts of a “connected” world are only limited by our
2 imagination.

3 *I Liheslaturan Guåhan* further finds that Guam has come a long way
4 from the early 20th century when the Guam Cable Station connected the
5 island to Hawaii. Today, the old station ruins near Sumay have been
6 registered under the National Register of Historic Places, a reminder of
7 when the island was first established as a telecommunications hub within the
8 region. We have moved from those early days to now having connected
9 smart power meters that allow for remote reading and monitoring of our
10 power system. It is well know that Guam, given its geographical location, is
11 important on the world stage. Guam strategic location is touted for military
12 infrastructure and as the gateway to Asia for the United States. Guam’s
13 location is also strategic to the world in a subtle way. Guam has become a
14 major hub for undersea cables accessing the internet. Unfortunately the
15 people of Guam have only limited direct benefit of this infrastructure to use
16 on our island. Many still lack access to the internet and we lag behind in
17 joining and benefiting from many advantages a connected island could bring.
18 In early 2000, technology experts began discussing the concept of municipal
19 Wi-Fi, a program that would enhance access to all the people in a
20 community. Research shows many attempts, some successful and some
21 failures, were made on providing free or low cost access to entire cities. In
22 the decade that passed a great deal of refinement was made on those early
23 attempts using the lessons learned in the startup communities.

24 *I Liheslaturan Guåhan* finds that the time is right to take advantage of
25 the experience gained from those early attempts and to get input from
26 companies on what models for providing free public Wi-Fi might be
27 successful in our community. *I Liheslaturan Guåhan* is excited to learn how

1 companies would provide this service at low or no cost to our island and
2 enter into a carefully crafted public private partnership that would blanket
3 our entire island with internet access. The goal is to use information gathered
4 to develop a comprehensive approach to expanding internet access to all or
5 our people and to build island wide infrastructure to take advantage of
6 current and future “Internet of Things”. Specifically, *I Liheslaturan Guåhan*
7 is interested in how a municipal Wi-Fi system that covers the entire island
8 would enhance our educational system both in the public schools and access
9 to online education, enhance our emergency response system to shorten the
10 “golden hour” even in the remotest locations, and enhance our public safety
11 and infrastructure systems.

12 Private-sector involvement in this effort is not unprecedented, as past
13 initiatives have been powered by grants from Google and Facebook and
14 have relied on collaboration with telecommunications giants Comcast and
15 Century Link. Ultimately this RFI is an exploratory effort and it's aimed at
16 soliciting fresh ideas for bolstering public Wi-Fi access, particularly in areas
17 where residents lack connectivity. In addition or in coordination with island
18 wide Wi-Fi access *I Liheslaturan Guåhan* is looking for potential partners to
19 establish a smart island ecosystem, which uses multiple technologies to
20 manage municipal information systems. The RFI specifically calls for
21 information that the public and private sectors can work together on in our
22 push for universal connectivity.

23 *I Liheslaturan Guåhan* therefore directs the Guam Economic
24 Development Authority in collaboration with the Office of Technology to
25 develop a Request for Information (RFI) and put forth that RFI to the market.
26 The purpose of this RFI is seeking information on how an interested
27 operators would partner with the government entities to provide universal

1 internet access to the entire island at no or very low cost and thus ensure
2 access to every citizen on Guam. The compilation and analysis of
3 information from respondents will assist the community and policy makers
4 to move toward developing a fully integrated “smart” island. The
5 Government of Guam will evaluate the RFI responses and will use the
6 information provided as the basis to potentially develop a budget request
7 which will lead to a more formal proposal process for specific solutions.
8 There is currently no timeframe for this.

9 **Section 2. A new Section § 50120 is *added* to Chapter 50 of Title**
10 **12 Guam Code Annotated to read:**

11 **§ 50120. Office of Technology Request for Information;**
12 **Municipal Wi-Fi.**

13 Request for Information. The Guam Economic Development Authority
14 (GEDA) in collaboration with the Office of Technology, shall develop and
15 publish a Request for Information (RFI) for the purpose to gauge the interest
16 of for-profit and non-profit entities in forming collaborations or partnerships
17 with the Government of Guam to enable the deployment of wireless services
18 throughout the entire island. The Government of Guam is seeking ideas
19 from the private sector with regard to ways that public and private sectors
20 can work together, with the Government as facilitator, enabler, and potential
21 partner to the private sector, in deploying wireless network infrastructure to
22 support goals.

23 (a) Delivery Period/Dissemination. GEDA shall publicly disseminate
24 the RFI in a manner to solicit the broadest number of qualified interested
25 respondents. Registries, direct mailings, and other methods, at a
26 minimum, shall be utilized to maximize the potential number of responses
27 to the RFI. In addition to both competitors and incumbents of the

1 communications industry, the Government of Guam seeks responses from
2 a wide range of non-traditional entities that may be interested in this
3 initiative, including such potential respondents as:

4 (1) Companies involved in the emerging Smart Cities ecosystem,
5 including solutions providers and manufacturers.

6 (2) Companies involved in the emerging drone and aerial vehicle
7 ecosystems.

8 (3) Non-profit organizations and Public cooperatives.

9 (4) Local businesses, including those in the technology sector that
10 have expertise to lend and a stake in the benefits that the internet offers, such
11 as workforce preparation, or that see wireless service to lower income parts
12 of the community as a mission worth supporting.

13 (5) Manufacturers of relevant equipment, including of network
14 equipment and of the physical housing and platforms for wireless services.

15 (6) Nontraditional wireless providers (e.g., technology companies,
16 technology integrators, software providers, and engineering companies).

17 (7) Investors and Financing that could provide economic models.

18 (8) Companies and organizations that offer grant opportunities.

19 (b) The information to be solicited shall include at a minimum, but shall
20 not be limited to:

21 (1) Information on utilizing current infrastructure, smart meters, in
22 development of an island wide Wi-Fi network. For instance the city of Santa
23 Clara, CA model.

24 (2) Models for public private partnerships.

25 (3) Opportunities to utilize unused fiber optic cable.

26 (4) Opportunities for establishing Broadband of power lines.

1 (5) Other approaches to meet the goal of providing free or low
2 cost, reliable internet access to the entire island.

3 (6) Information on how island wide Wi-Fi access would improve
4 our education, public safety, health and infrastructure systems.

5 (c) The publication of the RFI shall expressly state that it is being issued
6 solely for the purpose of soliciting public information for planning
7 purposes, does not constitute a Request for Proposal (RFP), and does not
8 commit the government to contract for any supply or service.

9 (1) GEDA shall not accept unsolicited submissions that are deemed
10 beyond the scope and intent of the RFI.

11 (2) Respondents shall be advised that the government of Guam will
12 not pay for any information received or administrative costs incurred in
13 responding to this RFI.

14 (3) All costs experienced or associated with responding to this RFI
15 will be incurred solely at the contributing party's expense.

16 (4) Not responding to this RFI does not preclude participation in
17 any future RFP, if any is issued.

18 (5) All submissions to this Request for Information shall become
19 the property of the government of Guam, subject to public review, and
20 will not be returned.

21 (6) Any issues relating to intellectual property and copyright must
22 be clarified by the respondent and clearly marked.

23 (e) GEDA shall adhere to the following schedule:

24 (1) Within sixty (60) days from enactment of this Act, develop and
25 publish the Request for Information (RFI);

26 (2) Provide for a fifteen (15) day question period, Saturday,
27 Sunday, and government holidays excepted, commencing from the date

1 of publication, for requested clarification(s) on the RFI from interested
2 parties/potential respondents;

3 (3) Provide a thirty (30) day period, Saturday, Sunday, and
4 government holidays excepted, after the close of the question period for
5 submission to the RFI by respondents;

6 (4) Compilation by GEDA of the RFI submissions by respondents
7 not to exceed 30 days; and

8 (5) Transmittal of the RFI compilation/results from GEDA to *I*
9 *Maga'låhen Guåhan* and *I Liheslaturan Guåhan* no more than thirty days
10 (30) days after the receipt of information to the RFI.

11 **Section 3. Effective Date. This Act shall become immediately**
12 **effective upon enactment.**