

**A RESOLUTION FINANCE/EXECUTIVE COMMITTEE TO AUTHORIZE THE MAYOR OR HIS DESIGNEE TO ENTER INTO SOLE SOURCE AGREEMENT NUMBER SS-6817-PL, PURSUANT TO SECTION 2-1191 OF THE CITY OF ATLANTA CODE OF ORDINANCES, WITH RG NETS FOR THE PURCHASE OF RXG WIRELESS GATEWAY CONTROLLERS AND CONFIGURATION SERVICES FOR THE AIRPORT WI-FI SYSTEM IN AN AMOUNT NOT TO EXCEED ONE HUNDRED TWENTY-EIGHT THOUSAND ONE HUNDRED DOLLARS AND NO CENTS (\$128,100.00) TO BE CHARGED TO AND PAID FROM FUNDING NUMBERS LISTED HEREIN; AND FOR OTHER PURPOSES.**

**Review List:**

Patricia McIver	Completed	08/19/2013 8:51 AM
Jennifer Andrews	Completed	08/20/2013 2:33 PM
Louis Miller	Completed	08/20/2013 2:58 PM
Information Technology	Completed	08/21/2013 12:18 PM
Procurement	Completed	08/21/2013 1:31 PM
Adam Smith	Completed	08/21/2013 1:54 PM
Mayor's Office	Completed	08/21/2013 3:07 PM
Office of Research and Policy Analysis	Completed	08/21/2013 4:06 PM
Finance/Executive Committee	Pending	
Atlanta City Council	Pending	
Mayor's Office	Pending	

Certified by Presiding Officer	Certified by Clerk
Mayor's Action <i>See Authentication Page Attachment</i>	

LEGISLATION HISTORY - BLUE BACK

**A RESOLUTION  
BY FINANCE/EXECUTIVE COMMITTEE**

**A RESOLUTION FINANCE/EXECUTIVE COMMITTEE TO AUTHORIZE THE MAYOR OR HIS DESIGNEE TO ENTER INTO SOLE SOURCE AGREEMENT NUMBER SS-6817-PL, PURSUANT TO SECTION 2-1191 OF THE CITY OF ATLANTA CODE OF ORDINANCES, WITH RG NETS FOR THE PURCHASE OF RXG WIRELESS GATEWAY CONTROLLERS AND CONFIGURATION SERVICES FOR THE AIRPORT WI-FI SYSTEM IN AN AMOUNT NOT TO EXCEED ONE HUNDRED TWENTY-EIGHT THOUSAND ONE HUNDRED DOLLARS AND NO CENTS (\$128,100.00) TO BE CHARGED TO AND PAID FROM FUNDING NUMBERS LISTED HEREIN; AND FOR OTHER PURPOSES.**

WHEREAS, the City of Atlanta (“City”) Department of Information Technology (“DIT”) seeks to purchase the rXg Wireless Gateway Controllers and configuration services from RG Nets to expand the current Wireless Internet Gateway to facilitate free Wi-Fi in the near future; and

WHEREAS, RG Nets is the current provider of the existing wireless gateway located at the Airport that provides Internet access to the traveling passengers; and

WHEREAS, the rXg Wireless Gateway is proprietary software and hardware of RG Nets; and

WHEREAS, RG Nets is the only source for purchasing the rXg Wireless Gateway Controllers; and

WHEREAS, the Chief Procurement Officer has therefore determined that RG Nets is the sole source provider for the rXg Wireless gateway Controllers and configuration services, pursuant to City Code Section 2-1191, et seq.

NOW, THEREFORE, BE IT RESOLVED BY THE COUNCIL OF THE CITY OF ATLANTA, GEORGIA, the Chief Procurement Officer or his designee, in consultation with the City Attorney or her designee, is directed to prepare a new sole source agreement, to be designated as SS-6817-PL, and any other requisite documentation for execution by the Mayor or his designee for the purchase of the rXg Wireless Gateway and configuration services provided by RG Nets.

BE IT FURTHER RESOLVED, that all purchases and services be paid from Fund, Department Organization, Account, and Function Activity (“FDOA”) numbers 5501 (Airport Revenue Fund) 180107 (Department of Aviation, Aviation Information Services), Expenditure 5212001 (Consulting/Professional), Functionality Activity 7563000 (Airport).

BE IT FINALLY RESOLVED, that sole source agreement number SS-6817-PL will not become binding upon the City, and the City will incur no obligation or liability under it, until it has been approved by the City Attorney or her designee as to form, executed by the Mayor or his designee, attested to by the Municipal Clerk, and delivered to RG Nets.

TRANSMITTAL FORM FOR LEGISLATION

TO: MAYOR'S OFFICE

ATTN: CANDACE L. BYRD

Dept.'s Legislative Liaison: Anita Williams

Contact Number: 404-530-6600

Originating Department: Aviation

Committee(s) of Purview: Finance/Executive

Chief of Staff Deadline: 08/09/13

Anticipated Committee Meeting Date(s): 08/28/13

Anticipated Full Council Date: 09/03/13

Legislative Counsel's Signature: Jennifer Andrews *Jennifer Z Andrews*

Commissioner's Signature: [Signature]

Chief Financial Officer: N/A

Chief Information Officer Signature (for IT Procurements): [Signature]

Chief Procurement Officer Signature: [Signature]

CAPTION

A RESOLUTION TO AUTHORIZE THE MAYOR OR HIS DESIGNEE TO ENTER INTO SOLE SOURCE AGREEMENT NUMBER SS-6817-PL, PURSUANT TO SECTION 2-1191 OF THE CITY OF ATLANTA CODE OF ORDINANCES, WITH RG NETS FOR THE PURCHASE OF RXG WIRELESS GATEWAY CONTROLLERS AND CONFIGURATION SERVICES FOR THE AIRPORT WI-FI SYSTEM IN AN AMOUNT NOT TO EXCEED ONE HUNDRED TWENTY-EIGHT THOUSAND ONE HUNDRED DOLLARS AND NO CENTS (\$128,100.00) TO BE CHARGED TO AND PAID FROM FUNDING NUMBERS LISTED HEREIN; AND FOR OTHER PURPOSES.

FINANCIAL IMPACT: (if any) \$128,100.00

Mayor's Staff Only

Received by CPO: \_\_\_\_\_  
(date)

Received by LC from CPO: \_\_\_\_\_  
(date)

Received by Mayor's Office: 7.1.8/8/13  
(date)

Reviewed by: \_\_\_\_\_  
(date)

Submitted to Council: \_\_\_\_\_  
(date)

**Part II: Legislative White Paper:** (This portion of the Legislative Request Form will be shared with City Council members and staff)

**A. To be completed by Legislative Counsel:**

**Committee of Purview:** Finance/Executive

**Caption:**

**A RESOLUTION TO AUTHORIZE THE MAYOR OR HIS DESIGNEE TO ENTER INTO SOLE SOURCE AGREEMENT NUMBER SS-6817-PL, PURSUANT TO SECTION 2-1191 OF THE CITY OF ATLANTA CODE OF ORDINANCES, WITH RG NETS FOR THE PURCHASE OF RXG WIRELESS GATEWAY CONTROLLERS AND CONFIGURATION SERVICES FOR THE AIRPORT WI-FI SYSTEM IN AN AMOUNT NOT TO EXCEED ONE HUNDRED TWENTY-EIGHT THOUSAND ONE HUNDRED DOLLARS AND NO CENTS (\$128,100.00) TO BE CHARGED TO AND PAID FROM FUNDING NUMBERS LISTED HEREIN; AND FOR OTHER PURPOSES.**

**Council Meeting Date:** 9/3/13

**Requesting Dept.:** Aviation

**FAC Confirmed by:** Chiquetta West

**B. To be completed by the department:**

**1. Please provide a summary of the purpose of this legislation (Justification Statement).** The Department of Information Technology Aviation Support Group (DIT Aviation) is responsible for the support of the airport Wi-Fi systems that are critical to the operations and public Wi-Fi access of Hartsfield-Jackson International Airport.

The purpose of this legislation is to request funds to purchase additional Rxx wireless gateway solution to expand the current DOA public wireless network to facilitate 15,000 simultaneous public Wi-Fi users. It will also enhance DOA current indoor wireless network quality of services for airport passengers.

**2. Please provide background information regarding this legislation.** At present, the Department of Aviation wireless system can only support 2,000 simultaneous public Wi-Fi users. Due to increased usages, Department of Information Technology (DIT) has no avenue to expand the capacity to facilitate additional public Wi-Fi users. By purchasing this additional rXg wireless gateway solution, DIT would be able to increase the user capacity and improve the public Wi-Fi user experience.

**Recommendation**

The Chief Information Officer and the Chief Procurement Officer also recommend the execution of sole source agreement with RG Nets, in an amount not to exceed \$128,100.00.

**3. If Applicable/Known:**

- (a) **Contract Type (e.g. Professional Services, Construction Agreement, etc): Professional Services**
- (b) **Source Selection: N/A**
- (c) **Bids/Proposals Due: N/A**
- (d) **Invitations Issued: N/A**
- (e) **Number of Bids: N/A**
- (f) **Proposals Received: N/A**
- (g) **Bidders/Proponents: N/A**
- (h) **Term of Contract: N/A**

**4. Fund Account Center (Ex. Name and number):**

**Fund: 5501                  Account: 5212001                  Center: 180107**

**5. Source of Funds: *Example: Local Assistance Grant* - Revenue****6. Fiscal Impact: N/A**

***Example: This legislation will result in a reduction in the amount of \_\_\_\_\_ to Fund Account Center Number \_\_\_\_\_.***

**7. Method of Cost Recovery: N/A*****Examples:***

- a. Revenues generated from the permits required under this legislation will be used to fund the personnel needed to carry out the permitting process.***
- b. Money obtained from a local assistance grant will be used to cover the costs of this Summer Food Program.***

**This Legislative Request Form Was Prepared By:**

\_\_\_\_\_  
Erin Greene, 404 382-2145

\_\_\_\_\_  
Louis Tseng, 404 382-2143

**Legislative White Paper****Committee of Purview: Finance/Executive**

Caption:

A RESOLUTION TO AUTHORIZE THE MAYOR OR HIS DESIGNEE TO ENTER INTO SOLE SOURCE AGREEMENT NUMBER SS-6817-PL, PURSUANT TO SECTION 2-1191 OF THE CITY OF ATLANTA CODE OF ORDINANCES, WITH RG NETS FOR THE PURCHASE OF RXG WIRELESS GATEWAY CONTROLLERS AND CONFIGURATION SERVICES FOR THE AIRPORT WI-FI SYSTEM IN AN AMOUNT NOT TO EXCEED ONE HUNDRED TWENTY-EIGHT THOUSAND ONE HUNDRED DOLLARS AND NO CENTS (\$128,100.00) TO BE CHARGED TO AND PAID FROM FUNDING NUMBERS LISTED HEREIN; AND FOR OTHER PURPOSES.

**Council Meeting Date: 09/03/13****Legislation Title: Wireless Gateway Replacement****Requesting Dept.: Aviation****Contract Type: N/A****Source Selection: Sole Source****Bids/Proposals Due: N/A****Invitations Issued: N/A****Number of Bids/  
Proposals Received: N/A****Bidders/Proponents: N/A****Background:**

The Department of Information Technology Aviation Support Group (DIT Aviation) is responsible for the support of the airport Wi-Fi systems that are critical to the operations and public Wi-Fi access of Hartsfield-Jackson International Airport. The purpose of this legislation is to request funds to purchase additional rXg wireless gateway solution to expand the current Department of Aviation (DOA) public wireless network to facilitate 15,000 simultaneous public Wi-Fi users. It will also enhance DOA current indoor wireless network quality of services for airport passengers.

At present, the DOA wireless system can only support 2,000 simultaneous public Wi-Fi users. Due to increased usages, Department of Information Technology (DIT) has no avenue to expand the capacity to facilitate additional public Wi-Fi users. By purchasing this

additional rXg Wireless Gateway solution, DIT would be able to increase the user capacity and improve the public Wi-Fi user experience.

**Source of Funds:** Airport Revenue Fund

**Fiscal Impact:** \$128,100.00

**Term of Contract:** N/A

**Method of Cost Recovery:** N/A

**Approvals:**

**DOF:** yes

**DOL:** yes

**Prepared By:** Anita Williams

**Contact Number:** 404-382-2313

4/4



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Reno, NV 89509  
USA

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+1/408.852.3457 (f)

www.rgnets.com

### City of Atlanta Department of Aviation

Bill to:  
68 Mitchell Street  
Room 600  
Atlanta GA 30303

Ship to:  
COA Department of Aviation  
1300 Inner Loop Road  
Atlanta GA 30320

Date Created: 11-07-2013  
Valid Till: 30-09-2013

Attn: Tseng Louis

### Quote QU0605 Record 20654

Item	Qty	Name	List Price	Sub Total	Discount	Net Price	Total
1	3.00	RS6 mk I rXg 2- U Rack mountable revenue eXtraction gateway with 6 GigE ports, 3TB SSD, 64 Cores supports up to 8 Gbit throughput when fully configured to 8,000 Simultaneous Use Licenses. Base price includes 4000 Simultaneous Use Licenses upgradable to a maximum of 8,000	63,250.00	189,750.00	75,900.00	113,850.00	113,850.00
2	3.00	RS6 mk i Enhanced OSA Annual Operator Support Agreement includes access to RG Nets Trouble Ticket / Help Desk and Revision Control and Update systems as defined at www.rgnets.com/support. Hardware repairs include FRUs and are eligible for Advanced Replacement.	9,995.00	29,985.00	29,985.00	0.00	0.00
3	7.00	1000 rXg Simultaneous Use License PAK of 1000 Simultaneous Use Licenses enables: 1,000 active sessions, 3,000 managed IPs, 1,500 VLANs and support for up to: 150,000 TCP/UDP states, 500 Mbit bandwidth, 125,000 identities, 200 groups, 100 policies, 20 portals and 10 uplinks.	6,000.00	42,000.00	40,800.00	1,200.00	1,200.00
4	1.00	500 rXg Simultaneous Use License PAK of 500 Simultaneous Use Licenses enables: 500 active session licenses, 1,500 managed IPs, 750 VLANs and support for up to: 75,000 TCP/UDP states, 250 Mbit bandwidth, 62,500 identities, 100 groups, 50 policies, 10 portals and 5 uplinks.	4,000.00	4,000.00	4,000.00	0.00	0.00
5	2.00	CC4 mk II Enhanced OSA Annual Operator Support Agreement includes access to RG Nets Trouble Ticket / Help Desk and Revision Control and Update systems as defined at www.rgnets.com/support. Hardware repairs include FRUs and are eligible for Advanced Replacement. Support includes access to all scheduled updates and upgrade revisions.	3,200.00	6,400.00	6,400.00	0.00	0.00
6	2.00	rXg A8 Basic OSA Annual Operator Support Agreement includes access to RG Nets Trouble Ticket / Help Desk and Revision Control and Update systems as defined at www.rgnets.com/support. Hardware repairs include FRUs or Return to Factory.	1,500.00	3,000.00	3,000.00	0.00	0.00



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www.rgnets.com

7	1.00	Cluster Failsafe OSA Annual Operator Support Agreement includes access to RG Nets Trouble Ticket / Help Desk and Revision Control and Update systems as defined at www.rgnets.com/support. Hardware repairs include FRUs or Return to Factory.	5,995.00	5,995.00	5,995.00	0.00	0.00
8	5.00	Professional Services - SOW Daily Rate Professional Services per day charge for pre-approved projects. Minimum 1 Day engagement covers cost of sizing the project, developing specification, defining deliverable, creating validation process for completion.	2,000.00	10,000.00	0.00	10,000.00	10,000.00
9	5.00	Domestic Per Diem Domestic Per Diem charges apply to: ICBT, Training and Professional Service engagements. Price is per day - per person and is designed to cover daily on-site personnel expenses. Price includes auto rental, lodging, meals, and incidentals. 1 per diem day is charged per engagement for travel to and from the customer location and one per diem day is charged for each calendar day on-site.	250.00	1,250.00	0.00	1,250.00	1,250.00
10	1.00	Domestic Travel Expense Travel to and from operator site for on-site ICBT, Training or Virtual Administration engagements, and covers all travel expenses and fees associated with RG Nets personnel going to and returning from engagement site. Price is per PS Engineer.	1,500.00	1,500.00	0.00	1,500.00	1,500.00
Net Total							127,800.00
Shipping & Handling Charges							300.00
Adjustment							0.00
<b>Grand Total (USD)</b>							<b>128,100.00</b>

Upgrade to support up to 15000 SUL includes addition of 3 RS6 rXg in a highly available active / active (load balanced) state. Each RS6 is configured with 7500 SUL. Existing gateway infrastructure to be configured as test / development nodes and LAN connected to the Cluster. Current OSA will transfer at pro-rated value through October 31, 2013. Reducing cost all support costs for upgraded configuration through October 31, 2013. Credit for 4500 SUL applied from existing rXg at List Price.

For gateways, controllers, software licenses, support and professional services payment terms are net 30 from Invoice. For support agreements, service commences upon date of Invoice. If settlement is by electronic transfer, purchaser is responsible for all transactions fees. Purchaser agrees with all terms and conditions as stated in the RG Nets EULA and Operator Support Agreement as defined at www.rgnets.com/support. All sales are final.



June 4, 2013

To: Atlanta International Airport

RG Nets, Inc. manufactures turnkey gateway routers and database controllers for operators of broadband distribution networks. These gateways and controllers are utilized to provide the authentication services, billing interface, bandwidth management routing, access control, WAN aggregation, monitoring and statistics for Atlanta International Airport's wireless High Speed Internet Access network. The software and hardware comprising these gateways and controllers are configured as turnkey systems and are tightly integrated utilizing proprietary RG Nets, Inc., technology.

The proprietary technology and integrated nature of the system makes third party support impossible, as such we do not provide the source code or theory of operations documentation to third party support organizations.

RG Nets is the only commercial entity authorized or capable of providing turnkey system "Operator Support Agreements" to operators of rXg gateways and controllers that include revision upgrades, bug fixes, and product enhancements to network operators utilizing RG Nets, Inc., gateway appliances or controllers.

A handwritten signature in black ink, appearing to read 'Keenan Klinger'.

Keenan Klinger  
CEO  
RG Nets, Inc.



## CITY OF ATLANTA

Kasim Reed  
Mayor

SUITE 1900  
55 TRINITY AVENUE, SW  
ATLANTA, GA 30303  
(404) 330-6204 Fax: (404) 658-7705  
Internet Home Page: [www.atlantaga.gov](http://www.atlantaga.gov)

DEPARTMENT OF PROCUREMENT  
Adam L. Smith, Esq., CPPO, CPPB, CPPM, CPP  
Chief Procurement Officer  
[asmith@atlantaga.gov](mailto:asmith@atlantaga.gov)

June 28, 2013

### SOLE SOURCE – SS-6817-PL PROCUREMENT CERTIFICATION

This sole source request is made for RG Nets, Inc. for the Wireless Internet Gateway and Database Controller for the City of Atlanta, Department of Aviation.

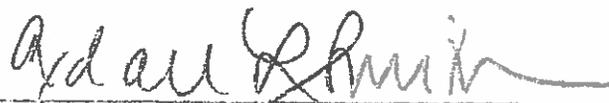
Having conducted an investigation of the available sources regarding the materials, goods and/or services stipulated herein pursuant to § 2-1191 of the City of Atlanta Code of Ordinances, Sole Source Procurement, my findings are the following:

1. RG Nets, Inc. – Is the sole source manufacturer and distributor of the Wireless Internet Gateway and Database Controller. RG Nets is the leading provider of gateways and centralized authentication appliances designed to manage, provision, and protect revenue generating networks. rXg turn-key gateways offer customer networks of all sizes, a single integrated network-provisioning appliance for cost effective and scalable network deployments.
2. RG Nets, Inc. – Installation Support is purchased by operators and is performed on RG Nets equipment (gateways and controllers) located at a customer facility through "remote" or "onsite" access by RG Nets professional services engineers. The installation is a nine-step process that includes: pre-installation discovery call, site survey, network diagram, open installation ticket, rack installation (verification), operational verification, final review / sign off, and customer closure of installation trouble ticket.
3. RG Nets, Inc. – Is located at 1000 E. William Street, Suite 204, Carson City, NV 89701.

This sole source verification was confirmed by Mr. Keenan Klinger of RG Nets, Inc. And, the sole source product information was researched and obtained from website [www.rgnets.com](http://www.rgnets.com).

I, Adam L. Smith, by the authority vested in me pursuant to § 2-1191, do hereby approve, direct and authorize the sole source procurement for the Budget Year: ("2013-2014").

The RG Nets, Inc. for the Wireless Internet Gateway and Database Controller will be used for the Public Wireless Network. The Department of Aviation's Internet Gateway System provides authentication services, billing interface, bandwidth management routing, access control, WAN aggregation, monitoring, and also provide statistics for the Airport's wireless high speed internet access network, for the City of Atlanta, Department of Aviation in the amount of \$128,100.00.

  
Adam L. Smith



## Hartsfield Jackson-Atlanta International Airport

### MEMORANDUM

To: Erin Jenkins, Interim Procurement Manager  
Department of Aviation Procurement Division

From: Erin Greene, Interim Network Services Manager  
Department of Information Technology

Date: June 7, 2013

Subject: **Sole Source Procurement - Request to purchase equipment and services from RG Nets, Requisition# 21307680, in the amount of \$128,100.00.**

#### **CONTRACT TERMS: One time purchase**

In accordance with the City of Atlanta Code of Ordinances, Chapter 2 Administration, Article X Procurement and Real Estate Code, Division 4 Source Selection and Contract Formation, Section 2-1191. Sole Source Procurement, we forward the following justification to support the requested authorization for RGNets, Inc.

We are requesting a Sole Source designation for "RG Nets Inc." to expand our current Wireless Internet Gateway and Database Controller to meet the capacity that is expected as the Department of Aviation transitions to free Wi-Fi. RG Nets Inc. is the sole provider of the current Wireless Internet Gateway and Database Controller products being used by the City of Atlanta, Department of Information Technology-Aviation Division.

Presently, RG Nets' rXg product is being used as the DIT- Aviation's Internet Gateway for the public wireless network. This gateway provides authentication services, a billing interface, bandwidth management routing, access control, WAN aggregation, monitoring and provides statistics for the Airport's wireless High Speed Internet Access network.

RG Net Inc. is the only organization or company authorized to manufacture, install, and support the Wireless Internet Gateway and Database Controller. As a result, our recommendation is to procure services from RG Nets Inc. as a Sole Source.

cc: Sharon Jones, AGM, IT Operations, Department of Information Technology  
Information Technology Business Administration, Department of Information Technology  
Buyer, Department of Aviation, Procurement Division