

**PALM BEACH COUNTY
BOARD OF COUNTY COMMISSIONERS
AGENDA ITEM SUMMARY**

Meeting Date: November 15, 2011

☒ [X] Consent

☐ [] Regular

☐ [] Public Hearing

☐ [] Workshop

Department:

Submitted by: Information Systems Services

Submitted for: Information Systems Services

I. EXECUTIVE BRIEF

Motion and Title: Staff recommends motion to approve:

(A) Supplemental Service Order Request Quote No FLR-20110925-01, with Florida LambdaRail (FLR) to add 3 Gigabytes of FLRNet capacity, under the Terms and Conditions applicable to Affiliate Connection Agreement (R2008-0674), effective December 1, 2011 with a one-time cost of \$73,930 and a recurring, annual cost of \$44,160, for a new total cost for FLR services of \$364,567 for the period January 1, 2011 through September 30, 2012 and,

(B) Supplement to Affiliate Connection Agreement, Aggregator Third Party Connections Report, which acknowledges the agencies connected to the Palm Beach County network as of September 30, 2011, clarifies the procedure for notification to FLR and approval by FLR for all future Third Party Connections and establishes a review process for exemption of payment to FLR of the Downstream Subscriber Connection fee(s) of \$100 per month per agency at a cost estimated at \$33,800 for the period January 1, 2010 through September 30, 2012.

Summary: On April 15, 2008, the County entered into an Affiliate Connection Agreement with Florida LambdaRail, LLC to obtain high-speed, high bandwidth optical network services to support the needs of the County and other governmental, educational and non-profit entities participating in the Palm Beach County Regional Network. Network service conditions change frequently in an effort to serve our network customer's needs. The most recent requirement is the need to upgrade our current FLRNet connection to a total of 4GB in order to accommodate new services to our planned new partners such as Florida Atlantic University and South Florida Water Management District. Additionally, the notification and approval procedures under which Palm Beach County is responsible to pay a Downstream Connection Charge to FLR are revised in the appropriate sections of the Supplement to Affiliate Connection Agreement. Countywide (PFK).

Background and Justification: (Begins on Page 3)

Attachments:

1. 3 Originals, Supplemental Service Order Request Quote No. FLR-20110925-01
 2. 3 Originals, Supplement to Affiliate Connection Agreement
 3. Attachment 1, List of Third Party Connections as of September 30, 2011
 4. Florida LambdaRail Affiliate Connection Agreement, R-2008-0674
-

Recommended By: _____

Steve Bordelon

Department Director

11/3/11

Date

Approved By: _____

[Signature]

County Administrator

11/14/11

Date

II. FISCAL IMPACT ANALYSIS

A. Five Year Summary of Fiscal Impact

Fiscal Years	<u>2012</u>	<u>2013</u>	<u>2014</u>	<u>2015</u>	<u>2016</u>
Capital Expenditures	0	0	0	0	0
Operating Costs	\$273,902	\$N/A	\$N/A	0	0
External Revenues	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>
Program Inc (County)	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>
In-Kind Match (County)	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>
NET FISCAL IMPACT	<u>\$273,902</u>	<u>\$N/A</u>	<u>\$N/A</u>		
# Additional FTE					
Positions (Cumulative)	0	0	0	0	0

Is Item Included in Current Budget Yes X No

Expenditure Budget Acct #(s): Fund 0001 Dept. 490 Unit 1303 Object 4101

B. Recommended Sources of Funds / Summary of Fiscal Impact

C. Department Fiscal Review:

Tom K. Seal 11/11/11

III. REVIEW COMMENTS

A. OFMB Fiscal and/or Contract Dev. & Control Comments:

The total cost of services to FLR is \$364,567, with a fiscal impact of \$273,902 applicable to FY 2012 and the remaining \$90,665 having been paid in FY 2011.

applicable to FY 2012 and the remain
John A. ... 11/9/11
 WS 11/7/2011 SN 11/8/11 OFMB
 11/14/11
John A. ...

Contract Administration

B. Legal Sufficiency:

This item complies with current County policies.

Paul F. [Signature] 11/10/11
Assistant County Attorney

C: Other Department Review:

Department Director

THIS SUMMARY IS NOT TO BE USED AS A BASIS FOR PAYMENT.

Continued from Page 1

The County's fiber optic network and connection to the LambdaRail is a valuable resource offered to all qualifying organizations, including government, education, health care, and non-profits.

The Florida LambdaRail is a non-profit broadband network created to facilitate advanced research, education, and economic development activities in the State of Florida. This statewide network interconnects ten of the state universities and is jointly owned by these same universities, including Florida Atlantic University and Palm Beach State College.

A portion of this expanded service will allow the County to provide the same high-speed, high-quality Internet II service to new County network partners including Florida Atlantic University (Jupiter Campus), Max Planck Institute and Scripps.

Florida LambdaRail, LLC
 2509 Barrington Circle, #105
 Tallahassee, FL 32309
 Phone: (850) 385-1250
 FEIN: 20-0377087
 Fax: (850) 385-0379



FLR
 Florida LambdaRail

Florida's Research and Education Network

Supplemental Service Order Request

Date: September 25, 2011

Quote Number: FLR-20110925-01

Customer Name	Robert Busch, Sr. Manager
Address	Palm Beach County Information Systems Services 301 North Olive Avenue, Room 801.8
City/State/Zip	West Palm Beach, FL 33041
Phone:	(561) 972-8671
Email:	rbusch@pbcgov.org
Fax:	

Customer Requested Services	Non-recurring			Recurring		
	Qty	Unit Cost	Total	Qty	Monthly	Annual
Upgrade of Palm Beach existing connection (increase of the existing 1*GB connection to a 4*1G redundant connection - i.e., Palm Beach to Miami and Orlando)						
Non-Recurring Cost - Infrastructure			\$ 73,930			
Annual Recurring Cost - FLRNet (3G)	3				\$ 3,000	\$ 36,000
FLR Maint/Support	1					\$ 8,160

Total Non-Recurring:

\$ 73,930

Total Annual Recurring:

\$ 44,160

Total for this Quote

\$ 118,090

IN RECOGNITION OF THEIR AGREEMENT HEREUNDER, INCLUDING THE TERMS AND CONDITIONS SETFORTH IN ATTACHMENT A, THE PARTIES HAVE EXECUTED THIS AGREEMENT AS OF DATE OF THE LAST SIGNATURE BELOW

Name

Florida LambdaRail, LLC

Provider

Veronica Sarjeant

Accepted by

Date Signed

Accepted by

Date Signed

Veronica Sarjeant, Chief Operations Officer

Print name and title

Print name and title

APPROVED AS TO TERMS AND CONDITIONS

BY *Steve Borden*

ISS DIRECTOR

APPROVED AS TO FORM
AND LEGAL SUFFICIENCY

Paul F. E.

ATTACHMENT A - TERMS AND CONDITIONS

1. FLR and Palm Beach County Government, Florida (hereinafter referred to as "User") entered into that certain Affiliate Connection Agreement dated the **15th day of April, 2008** (hereinafter referred to as the "Agreement"). FLR and User acknowledge and agree additional FLR services may be requested at any time and shall be based upon the current price schedule.
2. In consideration of the foregoing and for other good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, the parties hereto agree to modify the Agreement to include an increase of their existing connection to the FLR infrastructure from a 1GB connection to a 4*1G redundant connection.
3. Except as expressly modified by this Supplemental Service Request, the Agreement shall be and remain unchanged and in full force and effect.

Note: Please e-mail, fax or mail signed form to:

Veronica Sarjeant, COO
Florida LambdaRail, LLC
2509 Barrington Circle, Suite 105
Tallahassee, Florida 32308-6801
Office (850) 385-0242 Fax: (850) 385-0379
Email: veronica.sarjeant@flrnet.org

**FLORIDA LAMBDARAIL
SUPPLEMENT TO AFFILIATE CONNECTION AGREEMENT**

THIS SUPPLEMENT TO AFFILIATE CONNECTION AGREEMENT (hereinafter referred to as this "Supplement") is made and entered into by and between **FLORIDA LAMBDARAIL, LLC**, a Florida limited liability company (hereinafter referred to as "FLR"), and **PALM BEACH COUNTY GOVERNMENT, FLORIDA**, a political subdivision organized under the laws of the state of Florida (hereinafter referred to as "Affiliate"), effective as of the last date signed.

RECITALS

A. FLR and Affiliate entered into that certain Affiliate Connection Agreement dated the 15th day of April, 2008 (hereinafter referred to as the "Affiliate Connection Agreement"), under the terms of which FLR agreed to provide Affiliate with a connection to the Network (as that term is defined in the Affiliate Connection Agreement) and to provide Affiliate with various Network Services (as that term is defined in the Affiliate Connection Agreement).

B. Under the Affiliate Connection Agreement, the parties agreed that Affiliate would also be able to utilize its connection to the Network as a "Network Aggregator". The Affiliate Connection Agreement provides that as a Network Aggregator, Affiliate is authorized to provide connectivity to the Network to any of the municipalities incorporated in Palm Beach County or any other person or entity approved by FLR (hereinafter referred to as "Third Party Connections") through a connection to Affiliate's fiber network. The Affiliate Connection Agreement also provides that Affiliate shall be responsible for notifying FLR of any Third Party Connection and will be responsible for payment of the annual downstream subscriber fee for each Third Party Connection as invoiced by FLR.

C. The parties desire to enter into this Supplement to Affiliate Connection Agreement to memorialize FLR's approval of the Third Party Connections already in place and to agree upon the initial annual downstream subscriber fee to be paid by Affiliate to FLR in connection therewith and to further define the notification and approval process.

NOW, THEREFORE, in consideration of the foregoing and other good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, the parties hereto agree as follows:

1. Recitals. The recitals set forth hereinabove are true and correct in all respects and are incorporated herein by reference as fully as if set forth herein verbatim.

2. Approval of Third Party Connections. FLR acknowledges and agrees that it has approved Third Party Connections to the Network through a connection to Affiliate's fiber network under the Affiliate Connection Agreement. All of the provisions set forth in paragraph 11 of the Affiliate Connection Agreement shall be applicable to the Third Party Connection approved pursuant to this Supplement. Without limiting the generality of the preceding sentence, Affiliate acknowledges that Affiliate shall be solely responsible for the Third Party

Connection approved hereunder to Affiliate's fiber network, and FLR shall have no obligation whatsoever in connection therewith. The initial downstream subscriber fee for those Third Party Connections shown on Attachment I (through September 30, 2011) shall be \$14,000.

Notice of all future proposed Third Party Connections shall be made to the Chief Financial Officer (CFO) of FLR via email from Director, PBC Information Systems Services (ISS).. The type of agency (municipality, educational, medical, non-profit, etc.) being connected to the PBC Network shall be disclosed to the CFO FLR in this transmittal. The CFO of FLR shall notify Affiliate, by email within 10 (ten) days if FLR has any objection to the proposed new Third Party Connection. FLR's decision as to the acceptability of a proposed new Third Party Connector shall be final.

The Director, PBC ISS shall also notify the CFO of FLR (and supply FLR with supporting information) if Affiliate believes the proposed new Third Party Connector should be exempted from the standard Third Party Connection fee of One Hundred Dollars (\$100.00) per month from the date of the activation of the Third Party Connection. FLR will consider the facts presented by PBC and rule on the exemption request within 10 (ten) days via email to Director, PBC ISS.

PBC and FLR will review the Third Party Connection list once each year on/around PBC's 11th Fiscal Month (August) and reconcile the payment amounts applicable to that Fiscal Year. FLR will present invoice to PBC for the agreed upon annual Third Party Connection fee by September 10 of each fiscal year to enable PBC to process payment within that Fiscal Year.

Such annual downstream subscriber fee shall be subject to periodic review and adjustment by the Board of Directors of FLR as provided in the Affiliate Connection Agreement.

3. Amendment to Paragraph 11 of Affiliate Connection Agreement. The second sentence of paragraph 11 of the Affiliate Connection Agreement is hereby revised to read in its entirety as follows:

As a Network Aggregator, Affiliate shall be authorized to provide connectivity to the FLR Network to any of the municipalities incorporated within Palm Beach County or any other person or entity approved by FLR.

IN WITNESS WHEREOF, the parties hereto caused this Supplement to be duly executed in their respective names as of the last date signed.

Approved as to form and legality
By R. Mason Blake, Esq.
General Counsel for FLR
October 21, 2011

FLORIDA LAMBDARAIL, LLC, a Florida
limited liability company

By: Veronica Sargeant

Name: VERONICA SARJEANT

Title: Chief Operations Officer

Date: 10/28/11

ATTEST:

Sharon R. Bock, Clerk & Comptroller

Palm Beach County, Florida, By Its
Board of County Commissioners

By: _____
Deputy Clerk

By: _____
, Chair

(SEAL)

APPROVED AS TO FORM AND
LEGAL SUFFICIENCY

APPROVED AS TO TERMS AND
CONDITIONS

By: Paul F. S.
County Attorney

By: Steve Bordelon
Steve Bordelon, Director, ISS

**Palm Beach County Information Systems Services
Active Third Party Connections for FLR Fees - ATTACHMENT 1**

<u>Agency</u>	<u>3rd Pty Fee ?</u>	<u>Exemption Request?</u>	<u>Type</u>	<u>FLR Fees Due</u>		
				<u>CY 2010</u>	<u>CY 2011 (thru 9/30/2011)</u>	<u>TOTAL</u>
Boynton Beach, City of	YES		Municipality	800	900	1,700
Center for Family Services	YES		Non-Profit	300	900	1,200
Children's Services Council	NO		Taxing Authority	0	0	0
Children's Services Council	NO		Taxing Authority	0	0	0
Delray Beach, City of	YES		Municipality	300	900	1,200
Families First of PBC	YES		Non-Profit	0	800	800
Health Care District	NO		Taxing Authority	0	0	0
Jewish Fed of the Palm Beaches	YES		Non-Profit	0	200	200
Juno Beach, Town of	YES		Municipality	0	400	400
Jupiter, Town of	YES		Municipality	1,200	900	2,100
Kravis Center	YES		Non-Profit	700	900	1,600
Kravis Center	YES		Non-Profit	0	0	0
Kravis Center	YES		Non-Profit	0	0	0
Lake Worth, City of	YES		Municipality	0	400	400
Learning Excellence (Imagine) School	NO		Education	0	0	0
Loxahatchee River Environ District	NO		Taxing Authority	0	0	0
Martin County	NO		County	0	0	0
Nonprofits First	YES	YES	Non-Profit	0	0	0
Oxbridge Academy	YES		Non-Profit	0	200	200
Palm Beach Gardens, City of	YES		Municipality	1,200	900	2,100
Palm Beach State College - Central	NO		College	0	0	0
Palm Beach State College - North	NO		College	0	0	0
Palm Beach State College - South	NO		College	0	0	0
Palm Beach State College - West	NO		College	0	0	0
PBSC - Institute of Excellence, CSC	NO		College	0	0	0
PBSC - Institute of Excellence, Dryfoos	NO		College	0	0	0
Riviera Beach, City of	YES	NO	Municipality			
School Board Palm Beach County	NO		Education	0	0	0
Seacoast Utility Authority	YES	YES	Authority	0	0	0
South Florida Fair	YES	YES	Non-Profit	0	0	0
West Palm Beach, City of	YES		Municipality	1,200	900	2,100
West Palm Beach, City of	YES		Municipality	0	0	0
West Palm Beach, City of	YES		Municipality	0	0	0
				\$5,700	\$8,300	\$14,000

R2008-0674
FLORIDA LAMBDARAIL
AFFILIATE CONNECTION AGREEMENT

THIS AFFILIATE CONNECTION AGREEMENT (hereinafter referred to as the "Agreement") is made and entered into as of the ——— day of ~~APR 15 2008~~ 2008 by and between FLORIDA LAMBDARAIL, LLC, a Florida limited liability company (hereinafter referred to as "FLR"), and PALM BEACH COUNTY GOVERNMENT, FLORIDA, a political subdivision organized under the laws of the State of Florida (hereinafter referred to as "Affiliate").

RECITALS

A. FLR has constructed a high-bandwidth optical network (hereinafter referred to as the "Network") to link Florida's research institutions and provide a network to support large-scale research, education outreach, public/private partnerships and information technology infrastructure.

B. Affiliate desires to connect to the Network and obtain the Network Services (as defined hereinbelow) as an Affiliate participant of FLR, and FLR has agreed to furnish such connection and Network Services to Affiliate as an Affiliate participant, on the terms and subject to the conditions hereinafter set forth.

NOW, THEREFORE, the parties hereto set forth their mutual understandings and agreement as follows:

1. Approval of Affiliate. By its execution hereof, FLR acknowledges and agrees that Affiliate has been approved by the Board of Directors of FLR as an Affiliate participant of FLR.

2. Term of Agreement. Unless sooner terminated as provided hereinbelow, the term of this Agreement and Affiliate's status as an Affiliate participant of FLR shall be for a period of one year. This Agreement shall automatically be renewed annually for five (5) successive one (1) year renewal terms unless either party gives written notice of termination of this Agreement as provided for in paragraph 19 hereinbelow.

3. Connection to Network; Network Services. FLR agrees to provide Affiliate with a connection to the Network and to provide Affiliate with the following service (herein referred to as the "Network Services"):

- (a) access to national research networks (e.g., Internet2, NLR, etc.) for eligible Affiliate network users, such as the Palm Beach County educational institutions, libraries, museums, hospitals;
- (b) access to commercial Internet services;
- (c) provisioning of virtual private networks (VPNs) to enable remote access and private data communications over the state-wide infrastructure; and
- (d) peering with other participants in the Network.

4. Connection Locations. FLR will provide Affiliate with connections to the Network in accordance with that certain Florida LambdaRail Installation Agreement of even date herewith ((hereinafter referred to as the "Installation Agreement").

5. Network Management. Once the connection is established, Affiliate agrees to exercise normal prudent network management and implement normal prudent controls so as to ensure FLR's production services are not disrupted. To the extent permitted by Section 768.28, Florida Statutes, Affiliate covenants and agrees to indemnify, hold harmless and defend FLR from and against any and all claims, liabilities, losses, costs, damages and expenses which FLR may sustain, suffer or incur as a result of Affiliate's failure to exercise normal prudent network management and implement normal prudent controls as required by the immediately preceding sentence.

6. Affiliate Responsibilities. Affiliate shall be responsible for all financial, contractual and physical arrangements related to establishing and maintaining its connections to the Network, including without limitation furnishing its own router and interface hardware and local loops. Affiliate shall also be responsible for complying in every respect with the responsibilities set forth in the FLR Service Level Understanding (SLU) attached hereto as Exhibit "A" and made a part hereof.

7. Charges for Connection to Network and Network Services. The charges described hereinbelow for connection to the Network and the Network Services shall be based upon the FLR price schedule applicable to Affiliate participants as approved by the Board of Directors of FLR from time to time. Affiliate acknowledges and agrees that such price schedule will be periodically reviewed and adjusted by the Board of Directors of FLR. Notice of changes shall be provided to Affiliate prior to the effective date of change. Affiliate covenants and agrees to pay the following charges and fees for connection to the Network and the Network Services:

- (a) Recurring Costs. Affiliate shall pay to FLR an annual recurring services fee (hereinafter referred to as the "Services Fee") for FLR services, which are integrated, into a single package as set forth in Exhibit "B". These services include port charges and support functions required to maintain the Affiliate's connection to the FLR infrastructure for each connection location identified in the Installation Agreement, access (75 Mbps) to the commercial Internet, and use (up to 1 Gbps) of the FLR Ethernet-based transport facility. Additional services may be requested at any time and shall be based upon the current price schedule. This Services Fee is effective the date the Affiliate initiates use of the FLR services and shall be due and payable on a quarterly basis. Advanced annual payments are also acceptable.

As part of the FLR network services, for amounts of commercial Internet bandwidth of 100 Mbps or less, a corresponding amount of bandwidth to access the Internet2 network will be available at no additional cost to eligible users of the Affiliate network. Eligible users are educational institution (non-profit and for-profit K-20, technical, and trade schools), museums, art galleries, libraries, or hospitals that require routine collaboration on instructional, clinical, and/or research projects, services, and

content with the Internet2 participants. Affiliate shall have access up to 75 Mbps to the Internet2 network. In order to take advantage of access to the Internet2 network, eligible users must be sponsored participants of Internet2. Sponsorship shall be provided by FLR as part of the Internet2 Secondary Educational Group Participant (SEGP) program. There is no cost to Affiliate or eligible users of the Affiliate's network for this sponsorship.

Based upon the current price schedule applicable to Affiliate participants of FLR, the amounts due hereunder for the above-described charges and fees, subject to adjustment by the Board of Directors of FLR from time to time as provided for hereinabove, shall be as set forth in Exhibit "B", attached hereto and made a part hereof.

8. Status as Affiliate. Affiliate acknowledges and agrees that Affiliate's status as an Affiliate participant of FLR (a) does not create any equity interest in FLR and (b) does not bestow any voting rights upon Affiliate.

9. Resale of FLR Services. Affiliate shall not resell FLR Network services in any manner not approved of in this Agreement or without the written consent of the Board of Directors of FLR, which consent may be withheld in FLR's sole and complete discretion.

10. Use of FLR Services by County Agencies. As an Affiliate, Affiliate will have a direct connection to the Network and shall be authorized to provide access to, or services across the Network through Affiliate's network to certain governmental, educational and medical agencies and institutions within Palm Beach County (hereinafter referred to as the "County Agencies") that have been approved by the FLR Board of Directors. FLR agrees that the Network Services provided hereunder to Affiliate may be utilized by County Agencies at no additional cost to Affiliate and shall not be considered a resale of FLR services for the purposes of this Agreement. County Agencies shall not be construed or deemed to be Affiliate participants of FLR. County Agencies are not Owners, do not own an equity interest in the LLC, have no representation on the Board, and have no voting rights. Affiliate shall be solely responsible for County Agencies' connections to Affiliate's network, and FLR shall have no obligation whatsoever in connection therewith.

11. Use of Affiliate's Network as a Network Aggregator. The parties understand and agree that Affiliate will also utilize its connection to the Network as a "Network Aggregator". As a Network Aggregator, Affiliate shall be authorized to provide connectivity to the FLR Network to any of the municipalities incorporated with Palm Beach County or any other person or entity approved by the Board of Directors of FLR (hereinafter referred to as "Third Party Connections") through a connection to its fiber network. Each Third Party Connection shall be 100 Mbps or less and delivered via Affiliate's fiber network to the FLR location identified in the Installation Agreement. The Third Party Connection shall not be construed or deemed Affiliate participants of FLR. Third Party Connections are not Owners, do not own an equity interest in the LLC, have no representation on the FLR Board of Directors, and have no voting rights. Affiliate agrees not to allow any Third Party Connections to its network that will utilize FLR Network Services unless each such Third Party Connection is to a municipality

located in Palm Beach County or otherwise approved by FLR. Affiliate shall be solely responsible for Third Party Connections to Affiliate's network, and FLR shall have no obligation whatsoever in connection therewith.

Affiliate shall be obligated to collect an annual downstream subscriber fee from each Third Party Connection who utilizes the Network Services provided hereunder to Affiliate and remit such fee collected promptly to FLR. As with the FLR fees and charges for network connectivity, the downstream subscriber fee shall be based upon the FLR price schedule applicable to Third Party Connections as approved by the Board of Directors of FLR. Such price schedule will be periodically reviewed and adjusted by the Board of Directors of FLR. Notice of changes shall be provided to Affiliate prior to the effective date of change.

12. Use of Affiliate's Network for Last Mile Connectivity to the FLR Network. The parties understand and agree that Affiliate will also utilize its connection to the Network to deliver last mile connectivity to the Network to other affiliate participants of FLR (hereinafter referred to as "Affiliate Connectors"). Affiliate shall be authorized to provide connectivity to the FLR Network to Affiliate Connectors through a connection to its fiber network. Each Affiliate Connector shall be greater than 100 Mbps and delivered via Affiliate's fiber network to the FLR location identified in the Installation Agreement. Both parties understand and agree that such connectivity shall be in accordance to provisions established under different and separate agreements between Affiliate and applicable Affiliate Connectors. FLR and Affiliate Connectors shall have separate agreement for the provision of the FLR Network Services. In the event this Agreement shall terminate, the Affiliate agrees to continue its service with Affiliate Connectors in accordance to the provisions established under the separate agreement for last mile connectivity between Affiliate and Affiliate Connectors. Affiliate shall be solely responsible for Affiliate Connectors' connection to Affiliate's network, and FLR shall have no obligation whatsoever in connection therewith.

13. Collocation of Network Equipment. Affiliate desires to share vertical rack space (with power) at the FLR location identified in the Installation Agreement for the purpose of collocating equipment. The FLR agrees to provide an installed and grounded 19" inch wide, 5-U (8.75") of vertical rack space, with 10 amps of DC power, fuse panels and cross connects as required. Affiliate shall be responsible for pre-configuring their equipment prior to installation by the FLR engineering staff. Installation shall be according to FLR standards. Affiliate shall be solely responsible for maintaining the configuration and code levels of their equipment. FLR shall provide Affiliate an "out of band" Ethernet port and IP address to reach their equipment in case of loss of management through normal channels.

Affiliate understands and agrees access to the collocation space shall be coordinated, authorized and approved by FLR. All access to the collocation space shall be through Level3 Tech Escort Services. Adding new or swapping modules in existing equipment may be performed by Affiliate with a Level3 Tech Escort. All other changes shall be completed by FLR and/or Level3 as required. Affiliate shall be responsible for the cost of all Level3 Tech Escort services conducted on their behalf and based upon

separate costs set forth by Level3 according to their dispatch fee schedule. Level3 reviews these charges periodically and subject to adjustments from time to time.

14. General. Capacity on the Network (hereinafter referred to as "Capacity") shall be provided and maintained through FLR in accordance with FLR's then-current technical specifications. In order to protect the technical integrity of the network, FLR has the right to limit the manner by which any portion of the Network is used. FLR reserves the right to reject for any reason any request for Capacity. Capacity is offered subject to the availability of facilities and the submission of accurate information by Affiliate. FLR shall have priority over all other users with respect to use of the Capacity. The Network shall at all times remain the property of FLR. Affiliate shall not take any action or inaction that imposes any encumbrance on the Network or use the Capacity in an unlawful manner or in a way that interferes with FLR's or a third party's use of Capacity or the Network, including any transmission or the content thereof that violates any copyright or export control laws or that are libelous, slanderous or an invasion of privacy. Unless otherwise expressly agreed to in writing by the parties, all connections to the Network for the Capacity shall be made to designated equipment racks at points of presence identified by FLR for the connection locations designated in paragraph 4 herein above and all of the costs of accessing and interconnecting with the FLR connection points shall be borne by the Affiliate. Affiliate understands, acknowledges and agrees that the Capacity is unprotected and is therefore subject to defects, failures and interruptions. Nothing in this Agreement shall prevent FLR from taking such actions as are necessary to repair and maintain the Network upon reasonable notice thereof and without any liability therefor.

THE CAPACITY PROVIDED HEREUNDER IS PROVIDED "AS IS" WITHOUT REPRESENTATION OR WARRANTY OF ANY KIND, EITHER EXPRESS, IMPLIED, STATUTORY OR OTHERWISE, INCLUDING WITHOUT LIMITATION, ANY WARRANTY WITH RESPECT TO MERCHANTABILITY, NON-INFRINGEMENT, TITLE, OR FITNESS FOR A PARTICULAR PURPOSE.

15. Force Majeure. Neither party shall be in default if any failure to perform is caused by anything beyond the control of such party.

16. Liability. FLR shall use commercially reasonable efforts to deliver the Capacity by the requested due date, but FLR's failure to do so shall not be a default under this Agreement and FLR shall not be liable to Affiliate or any third party for any damages related thereto.

FLR SHALL NOT BE LIABLE OR RESPONSIBLE FOR INDIRECT, SPECIAL, INCIDENTAL, PUNITIVE OR CONSEQUENTIAL DAMAGES SUFFERED AS A RESULT OF THIS AGREEMENT.

IN ADDITION, ANY THIRD PARTY PROVIDER OF SERVICES OR FACILITIES EMPLOYED BY FLR TO PROVIDE THE CAPACITY SHALL NOT BE LIABLE FOR INDIRECT, SPECIAL, INCIDENTAL, PUNITIVE OR CONSEQUENTIAL DAMAGES SUFFERED AS AN INDIRECT OR DIRECT RESULT IN CONNECTION WITH OR BASED UPON ALLEGED DEFECTS,

FAILURES OR INTERRUPTIONS IN OR OTHERWISE RELATING TO THE SERVICES OR FACILITIES OF THE PROVIDER EXCEPT TO THE EXTENT SUCH DAMAGES ARISE FROM THE GROSS NEGLIGENCE OR WILLFUL MISCONDUCT OF THE PROVIDER.

As provided by Section 768.28, Florida Statutes, Affiliate shall be responsible for any costs incurred by FLR, or any damage to or loss of any of FLR's facilities, arising out of the acts or omissions of Affiliate.

17. Payment. Unless other payment terms are specified in this Agreement, charges hereunder shall be paid 30 days after receipt of the invoice for such charges. In addition to the charges set forth herein and except for income or gross receipts taxes, Affiliate shall pay any fees lawfully imposed by any governmental or quasi-governmental body in connection with the provision of the Capacity, as well as any additional costs that FLR reasonably incurs as an indirect or direct result of this Agreement, not to exceed on an annual basis five percent (5%) of the charges and payments due for the applicable year as specified hereinabove. If Affiliate in good faith disputes any portion of a charge, Affiliate shall provide written notice to FLR of the billing dispute within 30 days thereafter.

18. Assignment. Neither party may assign this Agreement or any of the Capacity without the prior written consent of FLR.

19. Termination of Service. Affiliate shall have the right to terminate this Agreement prior to the expiration of the term hereof in the event it determines it will be unable to make the payments due hereunder. FLR may suspend or terminate, in whole or in part, the Capacity or this Agreement without any liability therefor (a) in the event that Affiliate fails to make payment hereunder if such failure is not corrected by Affiliate within 30 days following written notification thereof; (b) for any other material breach by Affiliate if such breach is not corrected by Affiliate within 30 days following written notification thereof; (c) for any use of the Capacity by Affiliate which FLR determines to be harmful to the Network or other users of the Network or violates any law or regulation; or (d) in the event any law, rule, regulation or judgment of any court or governmental or quasi-governmental agency prevents FLR from providing the Capacity or any portion thereof. Termination or suspension by FLR or early termination by Affiliate shall not relieve Affiliate of liability incurred prior to such termination or suspension.

Affiliate may terminate this Agreement with respect to FLR Network services without liability therefor in the event a material breach by FLR in the performance of its obligations hereunder is not cured by FLR within 30 days following written notification thereof. Affiliate may terminate this Agreement for any reason upon providing FLR with ninety (90) days prior written notice of cancellation. FLR shall make no further commitments hereunder. Affiliate shall be liable to FLR for the cost of all authorized services provided and work completed prior to date of termination.

20. Parties Responsibilities. Each party shall be responsible for its own acts, omissions, and the results thereof.

21. Nondisclosure. Unless otherwise required by law, neither FLR nor Affiliate shall disclose to third parties the rates and fees due hereunder, or any information that is identified as confidential by one of the parties hereto (hereinafter referred to as the "Disclosing Party"), without the prior, written consent of the Disclosing Party. For the purposes of this Agreement, the information disclosed hereunder by the Disclosing Party to the other party hereto (hereinafter referred to as the "Receiving Party") will not be treated as confidential if it (a) is or becomes public knowledge without the fault or action of the Receiving Party, (b) is received by the Receiving Party from a third party, (c) is independently developed by the Receiving Party without access to the information hereunder, (d) is or becomes available to the Receiving Party on an unrestricted basis from the Disclosing Party, or (e) is required to be disclosed by law or court order. The obligation of each party receiving confidential information shall extend for the term of this Agreement as stated above. This section is not intended to prevent required disclosure pursuant the provisions of Chapter 119, Florida Statutes.

22. Miscellaneous. This Agreement or any provision hereof may be amended or waived only by written agreement signed by both parties. This writing constitutes the entire agreement between the parties and supersedes and merges all prior oral or written agreements, representations, statements, proposals and undertakings between the parties regarding the subject matter hereof. Nothing contained herein shall be construed to imply a partnership, joint venture, principal and agent or employer and employee relationship between the parties. Except as set forth in Section 9 above with regard to the provider of the facilities employed by FLR to provide the Capacity, no provision in this Agreement shall provide to any person not a party to this Agreement any remedy, claim or cause of action, or create any third-party beneficiary rights against either party. In the event that any one or more of the provisions in this Agreement shall for any reason be held to have no force and effect, this Agreement shall, if possible, be interpreted in a manner so as to effectuate the intention of the parties. Provisions contained in this Agreement that, by their sense and context, are intended to survive the suspension or termination of this Agreement, shall so survive. All disputes related to this Agreement shall in the first instance be referred to the appropriate executives of each party for resolution. This Agreement is the subject of negotiation between the parties and should not be interpreted more favorably toward one party over the other.

In recognition of their agreements hereunder, the parties have executed this Agreement as of the date first above written.

Approved as to form and legality
By R. Mason Blake, Esq.
General Counsel for FLR
March 6, 2008

FLORIDA LAMBDARAIL, LLC, a Florida
limited liability company

By: [Signature]

Name: J. Philip Halstead

Title: Chief Executive Officer

R2008-0674 APR 15 2008
PALM BEACH COUNTY GOVERNMENT,
FLORIDA, a political subdivision organized under
the State of Florida

Sharon R. Bock, Clerk & Comptroller
Palm Beach County

By: [Signature]
Deputy Clerk

By: Addie L. Greene Addie L. Greene

Title: Chairperson

Address: _____

E-Mail Address: _____

APPROVED AS TO TERMS AND CONDITIONS
By: [Signature]
DIRECTOR

APPROVED AS TO FORM
AND LEGAL SUFFICIENCY
[Signature]
COUNTY ATTORNEY

EXHIBIT A

EXHIBIT A

Florida LambdaRail, LLC Service Level Understanding (SLU)

The purpose for this document is to characterize the availability and problem-recovery/response-interval participants utilizing the FLR networking infrastructure and services may expect. The targeted availability and problem recovery response for the FLR services offered to its participants are noted below.

I. FLR Services offered:

A. FLRNet Service (Internet, Internet2, Peering, L2/3 VPN)

Availability: The design goal for the FLRNet service is five 9's (99.999%)

FLR Internet service is provided by FLR contract with two Tier1 Internet Service Providers (ISPs), each with their own redundant connection to FLRNet. A redundant path for enhanced access to the National LambdaRail (NLR) and Internet2 (I2) is provided via a 10GE NLR interface to Houston, Texas as the results of a mutual backup arrangement with LEARN/LONI/ONENET.

To ensure highly available FLRNet services each FLRNet 7609 core site backbone is dual connected to other FLRNet core router sites to protect against single wave failures. The CISCO 7609s utilized include redundant supervisor and power supplies. In other words, the FLRNet is redundant outside of a full switch outage.

Because of local fiber access issues observed over the first few months of FLR operations it is advised that each FLR participant connect to FLRNet services with both Primary and Secondary connections to protect against a single local access failure.

Problem analysis: The FLR Engineering team is dispatched immediately upon report of problem from the user community or the FLR Network Management System (see below for details on accessing the NMS and NOC.)

Problem resolution: Problem resolution for FLRNet is four hours or less after problem analysis. Problem resolution of Internet2 or Internet will depend on upstream providers' response. Problem response may depend on Members local loop provider.

Equipment that supports the FLRnet, (Cisco 7609s) are under smart net contract with Cisco. Contract response for the 7609 is 24/7 by 4 hours on-site. The backbone of FLRNet utilizes FLRWave service.

EXHIBIT A

Florida LambdaRail, LLC Service Level Understanding (SLU)

B. FLRWave Services - Gigabit Ethernet (GE), OC48, 10GE, OC192

Availability: The design goal of FLRWave services is 99.99%

The design goal for FLRWaves provided over the FLR infrastructure is four 9's availability. For waves that extend outside Florida utilizing NLR may only expect two 9's availability. If your application requires a higher level of availability an additional wave can be provided via alternate physical path at additional cost.

Problem analysis: The FLR Engineering team is dispatched immediately upon notification of an outage by its NMS systems or by the participant.

Problem Resolution:

Repair is next business day pending Cisco delivery of non-common components. 24/7/4 Smartnet services can be obtained at the request of the customer at additional cost.

Equipment that supports the FLRWave service (Cisco 15454s) is under a Cisco Smartnet contract 8/5 NBD (next business day.) The FLR NOC has spare hardware for the common parts that make up an FLRWave but not the transponders. The common parts can be delivered on-site to anywhere in the state in six hours for total node failure barring natural disaster (e.g. Hurricane). . FLR does not at present maintain spare ROADM, ADM or Transponders.

Cisco Smartnet service contract requires that we place order for replacement part prior to 3PM EST for next business day delivery.

II. Service Requests:

Requesting additional Internet bandwidth or updating any of the FLRNet suite of services is done via the web S-Ticket system. Internet2 service can typically be enabled within a week depending on the response of the Internet2 NOC. Internet service will be enabled within a week if the total FLR Internet utilization is within 80% of capacity otherwise FLR will provide the requested capacity within 17 business days.

III. Change Management:

FLR performs and schedule maintenance over two weekly standing change windows. Scheduled work takes place either Sunday morning 6AM-9AM or Tuesday 5AM-6AM. Urgent changes may take place any day from 5AM-6AM. Emergency maintenance: anytime. All changes are reviewed and tracked in a change management tracking system.

EXHIBIT A

Florida LambdaRail, LLC Service Level Understanding (SLU)

IV. FLR NOC

The FLR NOC is staffed for continuous, 24*365 monitoring of the state of the optical network, and coordinates restoration of any failures that may surface during the operation of the network. The NOC is hosted at the University of Florida Computing and Network Services. Should the NOC become unavailable due to circumstances outside its control the FLR network design facilitates management (rapid NOC relocation) at any of the other FLRNet core sites and additional Optical sites designed for disaster recovery response.

The services of the NOC include coordination, communications and control between and among the FLR participants, vendors and other upstream service providers.

V. Participants' Responsibilities

A. Provides FLR field engineering staff to assist in network operations: FLR field engineers should be derived, where possible, from participant's network engineering groups to assist with all portions of FLR network operations, from provisioning to troubleshooting.

B. Provides end-user support and local problem diagnosis and resolution: Using detailed tools provided to local engineering staff by the FLR NOC, the first level of troubleshooting of any end-user problems should be performed by the local staff. If the problem is not local to the participant, the FLR NOC will be contacted to report a problem and begin the next level of troubleshooting. If the problem is determined to be at another FLR participant's site, staff from that facility will work with the FLR NOC to diagnose and resolve the problem.

C. Facilitates, supports participant's research use of the FLR: In coordination with FLR Experimental Support personnel, designated local staff will facilitate and support participant's interest in the use of FLR for research or teaching purposes.

VI. The FLR NOC can be contacted via the Web, Telephone and email:

WEB: <http://peg.lflinc.org/wiki/>

Phone: 352.294.FLR1 (3571)

Email: peg@lflinc.org

EXHIBIT A

Florida LambdaRail, LLC Service Level Understanding (SLU)

FLR Service Ticket ("S-Ticket")

The FLR "S-Ticket" is the one stop system for reporting problems, requesting net service, or a change in existing service. Once you submit a ticket, you will receive confirmation and progress emails.

Problem Escalation Contacts:

FLR Dispatch, Ralph Brigham roc@flrnet.org

FLR CTO, Director of Engineering Dave.Pokorney@flrnet.org

FLR COO, Veronica.Sarjeant@flrnet.org

FLR CEO, Phil.Halstead@flrnet.org

EXHIBIT B

**FEES AND CHARGES
FOR NETWORK CONNECTIVITY AND SERVICES**

**FLR AFFILIATE CONNECTION AGREEMENT
PALM BEACH COUNTY GOVERNMENT, FLORIDA**

1 Gbps NETWORK CONNECTION - 75 Mbps – INTERNET & INTERNET2

PALM BEACH COUNTY GOVERNMENT	
Recurring Cost ¹	\$ 90,220

Payment Schedule	
1st Payment	\$ 22,555
2nd Payment	\$ 22,555
3rd Payment	\$ 22,555
4th Payment	\$ 22,555
Annual Total	\$ 90,220

Notes:

1. The above cost is based upon the Affiliate price schedule approved by the FLR Board of Directors. This price schedule is reviewed periodically and the fees and charges are subject to adjustments as needed from time to time by the FLR Board of Directors.
2. The recurring cost consists of several FLR services integrated into a single package. These services include co-location, cross connect, and port charges, and support functions required to maintain the Affiliate's connection to the FLR infrastructure, use (up to 1 Gbps) of the FLR Ethernet-based IP transport facility, and access to the commercial Internet (75 Mbps). This cost is due and payable on a quarterly basis and is effective the date the Affiliate initiates use of the FLR services. Annual advance payments are also accepted. Additional FLR network services may be requested at any time and shall be based upon the current price schedule.
3. Access to the commercial Internet is based upon a Committed Data Rate (CDR). Affiliate has requested an initial CDR of 75 Mbps per month and will be charged \$36 per megabit for additional usage over the requested CDR.

For amounts of commercial Internet bandwidth of 100 Mbps or less, a corresponding amount of bandwidth to access the Internet2 network will be available at no additional cost to eligible users of the Affiliate network. Eligible users are educational institution (non-profit and for-profit K-20, technical, and trade schools), museums, art galleries, libraries, or

EXHIBIT B

**FEES AND CHARGES
FOR NETWORK CONNECTIVITY AND SERVICES**

**FLR AFFILIATE CONNECTION AGREEMENT
PALM BEACH COUNTY GOVERNMENT, FLORIDA**

1 Gbps NETWORK CONNECTION - 75 Mbps - INTERNET & INTERNET2

hospitals that require routine collaboration on instructional, clinical, and/or research projects, services, and content with the Internet2 participants. Affiliate shall have access up to 75 Mbps to the Internet2 network. In order to take advantage of access to the Internet2 network, eligible users must be sponsored participants of Internet2. Sponsorship shall be provided by FLR as part of the Internet2 Secondary Educational Group Participant (SEGP) program. There is no cost to Affiliate or eligible users of the Affiliate's network for this sponsorship.



Joel Hartman, Ed.D.
Chairman
Joel.Hartman@ucf.edu

October 25, 2011

To Whom It May Concern:

This is to confirm that Veronica Sarjeant, Chief Operations Officer and Sandra Swearingen, CPA, Chief Financial Officer of Florida LambdaRail, LLC, are authorized to sign on behalf of the organization FLR-related documents including the Affiliate Connection Agreement, Amendment to Affiliate Connection Agreement, Supplement to Affiliate Connection Agreement, and Supplemental Service Orders Requests.

Respectfully submitted,

Joel L. Hartman

Joel L. Hartman
Chair, Florida LambdaRail Board of Directors