



DATE: October 31, 2022

MEMO TO: Jessica Vealitzek, Chair
Operations Committee

FROM: Mary E. Kann
Director of Administration

RECOMMENDATION: Recommend approval of a Resolution awarding a contract for the purchase and installation of a Turn-Key Wireless (Wi-Fi) System for eight District locations to Xtivity Solutions, LLC, in the Contract Price of \$125,342.00.

STRATEGIC DIRECTION SUPPORTED: Organizational Sustainability

FINANCIAL DATA: This item is budgeted for in FY2023, in accounts 91124100-805100 (\$100,000.00) and 15814100-805100 (\$26,690.00).

BACKGROUND: As a part of our Information Technology network infrastructure upgrades, we will be replacing a centrally managed and secured wireless networks at the General Offices (Indoor) and Greenbelt Cultural Center (Indoor). In addition, we will be adding services at the Ryerson Welcome Center (Indoor), Operations & Public Safety building (Indoor), Countryside Golf Club (Indoor), Thunderhawk Golf Club (Indoor), and Independence Grove (Indoor and Outdoor) to provide employees and guests with wireless access to network resources and the internet.

Xtivity Solutions was chosen based on the close match of their Request for Proposal (RFP) response to our request. Xtivity offers a superior hardware platform and their architecture provides a unified voice, data and radio frequency (RF) management platform. Additionally, this solution will provide new network infrastructure at Independence Grove outdoor facilities (Beer Garden, Marina, and Millennia Plaza Concert Area) to replace failing 22-year-old copper telephone lines, which run underneath the lake.

Security of the wireless environment will be handled through 24 x 7 monitoring of the complete wireless environment. This includes compliance monitoring, rogue detection and termination, and advanced troubleshooting.

REVIEW BY OTHERS: Chief Operations Officer, Director of Finance, Purchasing Manager, Information Technology Officer, Corporate Counsel

STATE OF ILLINOIS)
) SS
COUNTY OF LAKE)

**BOARD OF COMMISSIONERS
LAKE COUNTY FOREST PRESERVE DISTRICT
RESCHEDULED REGULAR NOVEMBER MEETING
NOVEMBER 15, 2022**

MISTER PRESIDENT AND MEMBERS OF THE BOARD OF COMMISSIONERS:

Your **OPERATIONS COMMITTEE** presents herewith “A Resolution Awarding a Contract for the Purchase and Installation of a Turn-Key Wireless (Wi-Fi) System for Multiple District Locations to Xtivity Solutions, LLC,” and requests its approval.

OPERATIONS COMMITTEE:

Date: _____

- Roll Call Vote: Ayes: ___ Nays: _____
- Voice Vote Majority Ayes; Nays: ___

**LAKE COUNTY FOREST PRESERVE DISTRICT
LAKE COUNTY, ILLINOIS**

**A RESOLUTION AWARDING A CONTRACT FOR THE
PURCHASE AND INSTALLATION OF A TURN-KEY WIRELESS (WI-FI) SYSTEM
FOR MULTIPLE DISTRICT LOCATIONS TO XTIVITY SOLUTIONS, LLC**

WHEREAS, the Lake County Forest Preserve District (the “District”) desires to purchase services for the design and installation of a turn-key wireless system to serve multiple District locations (the “Services”); and

WHEREAS, the Director of Administration and the Purchasing Manager have determined that the Services requires personal confidence; and

WHEREAS, the Purchasing Manager has solicited proposals for the Services;

WHEREAS, a selection committee comprised of staff reviewed the proposals and the selection committee, the Purchasing Manager, the Information Technology Officer, and the Operations Committee, recommend that the Board of Commissioners (i) finds the proposal submitted by Xtivity Solutions, LLC is the proposal that is most advantageous to the District and (ii) awards a contract for the Services to Xtivity Solutions, LLC (the “Contract”); and

WHEREAS, the Board of Commissioners hereby finds that the proposal submitted by Xtivity Solutions, LLC is the proposal that is most advantageous to the District;

NOW, THEREFORE, BE IT RESOLVED by the Board of Commissioners of the Lake County Forest Preserve District, Lake County, Illinois, **THAT**:

Section 1: Recitals. The recitals set forth above are incorporated as a part of this Resolution by this reference.

Section 2: Award of Contract. The Proposal submitted by Xtivity Solutions, LLC in the amount of \$125,342.00 (the “Contract Price”) is hereby accepted and a Contract for the Services, in substantially the form attached hereto, is hereby awarded to Xtivity Solutions, LLC.

Section 3: Execution of Contract. The Executive Director of the District is hereby authorized and directed to execute the Contract for the Services in the amount of the Contract Price.

Section 4: Payments. The Treasurer shall make payments under the Contract only pursuant to and in accordance with the Contract terms.

Section 5: Effective Date. This Resolution shall be in full force and effect from and after its passage and approval in the manner provided by law.

PASSED this ____ day of _____, 2022.

AYES:

NAYS:

APPROVED this _____ day of _____, 2022.

Angelo D. Kyle, President
Lake County Forest Preserve District

ATTEST:

Julie Gragnani, Secretary
Lake County Forest Preserve District

Exhibit No. _____



RFP 22028

**Turn-Key Wireless Access
System Installations**



**Lake County
Forest Preserves**

1899 West Winchester Road
Libertyville, Illinois 60048
PurchasingDept@LCFPD.org
847-367-6640

**Prepared for
Lake County Forest
Preserve District**

July 15, 2022



655 W. Grand Ave. Suite 300
Elmhurst, IL 60174
630.832.5400 (Phone)
www.xtivitysolutions.com





1 General Information Sheet

LAKE COUNTY FOREST PRESERVE DISTRICT
REQUEST FOR PROPOSALS 22028
TURN-KEY WIRELESS ACCESS SYSTEM INSTALLATIONS

SECTION 8: GENERAL INFORMATION SHEET

AUTHORIZED NEGOTIATORS:

Name: TERRY CROWLEY Phone # 312-287-9081 Email Tcrowley@xtivitysolutions.com

Name: TIM BRENNAN Phone # 630-832-5400 Email TBRENNAN@XTIVITYSOLUTIONS.COM

RECEIPT OF ADDENDA: The receipt of the following addenda is hereby acknowledged:

Addendum No. 1, Dated 6-28-2022

Addendum No. 2, Dated 6-27-2022

Addendum No. _____, Dated _____

In submitting this Proposal, it is understood that the District reserves the right to reject any or all Proposals, to accept an alternate Proposal, and to waive any informality in any Proposal.

BUSINESS ORGANIZATION: (check one only)

- Sole Proprietor: An individual whose signature is affixed to this proposal
- Partnership: State full names, titles, and addresses of all responsible principals and/or partners on attached sheet.
- Limited Liability Company: State of organization: ILLINOIS
- Corporation: State of incorporation: _____

By signing this proposal document, the Respondent hereby certifies that it is not barred from bidding on this contract as a result of a violation of either Section 33E-3 or 33E-4 of the Illinois Criminal Code of 1961, as amended.

XTIVITY SOLUTIONS LLC
Business Name

Terry Crowley
Signature

TERRY CROWLEY
Print or Type Name

MANAGING PARTNER
Title

7-14-2022
Date

Subscribed and Sworn to
before me this 14th day of
July, 2022.

My Commission Expires: 08/05/24

Courtney K Moore
Notary Public

{SEAL}





2 Company Background

Xtivity Solutions is a technology company founded in 2010 that provides unbiased solutions in designing, implementing, and supporting private communication networks. At the forefront in wireless integration, and surveillance systems, IT services, we are in the business of customizing vendor-neutral solutions. We integrate customized services with single source efficiency, regardless of the size or complexity of a project.

Our integration engineers are certified in a wide array of product lines and our comprehensive portfolio of radio and networking products is unmatched. Our commitment to quality establishes Xtivity as the benchmark of excellence in the systems integration industry.

Services we provide:

- **Engineering/Design:** RF engineering services; design wireless indoor and outdoor networks; DAS; microwave back-haul designs; system configuration; propagation testing; path analysis, spectrum management; interference mitigation and troubleshooting; site surveys and infrastructure audits; VoIP office and business solutions.
- **Installation:** Radio systems; data networks; security and surveillance systems; VoIP systems.
- **Maintenance:** Network monitoring; data center for storage of equipment and services; back-up systems (servers and power); hourly technicians; 24-hour response time for outages and troubleshooting; warranties on all work.

Tim Brennan
Xtivity Solutions
Project Manager
655 W. Grand Ave.
Suite 300
Elmhurst, IL 60126
630.832.5400
847.384.9300
tbrennan@xtivitysolutions.com



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3 Scope of Work

Xtivity Solutions will provide and install an EnGenius managed cloud-controlled Wi-fi network using Wi-Fi 6 AX Access Points at all 7 locations covered in the mandatory walk through. The Lake County Forest Preserve (LCFP) network will have the ability to manage remote sites. The Wireless network will have the ability to configure separate internal and external network access for workers and guests. The 4x4 EnGeniusAX indoor and outdoor AP's can support up to 500+ clients per AP. The network will be configured and managed with the EnGenius Basic Cloud Controller but can be configured with an On-Premise controllers with a slightly higher cost. Xtivity recommends using the Cloud Basic controller for the management of this wireless network.

The EnGenius Wi-Fi system will be interconnected through the Basic Cloud providing indoor wireless coverage and service to the LCFP employees and guests at each of the following locations

- Lake County Forest Preserve General Offices, 1899 W Winchester Rd, 60048
- Greenbelt Cultural Center, 1215 Green Bay Road, North Chicago, Illinois 60064
- Independence Grove Forest Preserve, 16400 Buckley Road, Libertyville, Illinois 60048
- Ryerson Conservation Area, 21950 N. Riverwoods Road, Deerfield, Illinois 60015
- Thunderhawk Golf Club, 39700 Lewis Ave, Beach Park, Illinois 60099
- Operations & Public Safety Facility, 19808 W. Grand Avenue, Lindenhurst, Illinois 60046
- Countryside Golf Club, 20800 W. Hawley, Mundelein, Illinois 60060

The EnGenius Wi-Fi system will be interconnected through the cloud providing outdoor wireless coverage and service to the LCFP employees and guests at each of the following locations

- Independence Grove Forest Preserve, 16400 Buckley Road, Libertyville, Illinois 60048
- Thunderhawk Golf Club, 39700 Lewis Ave, Beach Park, Illinois 60099
- Greenbelt Cultural Center, 1215 Green Bay Road, North Chicago, Illinois 60064

With every system we install a **one-year** manufacturer's **warranty** on all new equipment and a one-year warranty against installation defects is included. Should you choose to extend the warranty agreement we offer very competitive maintenance packages. Maintenance and monitoring packages are offered with our systems: for 3, and 5 years. After final approval for the design is agreed upon and complete, we will provide competitive tiered pricing based on length of contract.





4 Client References

Agency Name: Chicago Studio City
Address: 5660 W Taylor
City, State, Zip Code: Chicago, IL 60644
Telephone Number: 630-816-3673
Contact Person: John Credidio
Email Address: N/A
Dates of Service: 2014 - Present
of Employees: Production Companies 100+

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Agency Name: Salt Creek School District 48
Address: 1110 S. Villa Ave
City, State, Zip Code: Villa Park, IL 60181
Telephone Number: 630-279-8400 Ext1003
Contact Person: Dr. Frank Evans
Email Address: N/A
Dates of Service: 2016 - Present
of Employees: 25+

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Agency Name: Notre Dame School and Parish
Address: 64 Norfolk Ave
City, State, Zip Code: Clarendon Hills, IL 60514
Telephone Number: 630-601-1761
Contact Person: Michael Keefe
Email Address: N/A
Dates of Service: 2017- Present
of Employees: 25+

=====

Agency Name: Chicago St Patrick High School
Address: 5900 W. Belmont Ave
City, State, Zip Code: Chicago, IL 60634
Telephone Number: 773-282-8844 ext.250.
Contact Person: Tom Christman



Email Address	<u>N/A</u>
Dates of Service	<u>2015 - present</u>
# of Employees	<u>25+</u>

5 Exceptions to the RFP

Assumptions:

- A. 120 AC power will be provided by others indoor and outdoors.
- B. All new cabling will be installed in existing routes and penetrations if available.
- C. Existing Cabling will be re-used at the Main Offices and Greenbelt
- D. If Coring/Drilling is necessary and possibility of Asbestos may be involved, the cost is not included.
- E. Conduit is not required.
- F. Building Permits are not included.
- G. Customer is responsible for any Network PoE switches.
- H. Working Hours are the same as Business Hours Monday – Friday 8am- 4pm.



6 Price Proposal

SITE		Materials	Labor
A1	General Offices	\$17,142	\$15,100
B1	Greenbelt Cultural Center	\$8,097	\$7,920
B2	Independence Grove Forest Preserve	\$3,540	\$5,150
B3	Ryerson Conservation Area	\$4,120	\$3,125
B4	ThunderHawk Golf Club	\$7,840	\$6,850
B5	Operations & Public Safety Facility	\$8,963	\$8,845
B6	Countryside Golf Club	\$1,109	\$850
C1	Independence Grove Forest Preserve - Outdoor	\$16,441	\$10,250
C2	Greenbelt Cultural Center - Outdoor	\$3,950	\$3,491
C3	ThunderHawk Golf Club - Outdoor	\$3,950	\$3,491





7 Proposal Security

See Bid Bond Package attachment



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8 Disclosure Statement



8 Disclosure Statement

Identification of Consultant and Related Parties:

Consultant Name:	Xtivity Solutions LLC
Consultant Address:	655 W. Grand Ave. Elmhurst, IL 60126
Person Certifying Statement for Consultant, including Phone # and Email Address:	Dimitrios Lalos 630-832-5400 dlalos@xtivitysolutions.com
Covered Services:	Managing Partner
Names of Disclosure Covered Owners (if none, please insert "N/A"):	N/A
Names of Disclosure Covered Employees (if none, please insert "N/A"):	N/A

Consultant Certification and Signature:

By signing below, I certify that (i) I am authorized to make the disclosures above on behalf of Consultant, Consultant's Disclosure-Covered Owners, and Consultant's Disclosure-Covered Employees, (ii) I have read and understand this Consultant Disclosure Statement, (iii) the above disclosures are accurate and complete, to the best of my knowledge after making reasonable inquiry, and (iv) my signature below, if electronic, is intended to authenticate this writing and to have the same force and effect as a manual signature.

Name

7/15/2022

Date



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Signature Page

Agreed to and Accepted on behalf of Lake County Forest Preserve District

On _____ (date)

By

Printed Name

Signature

Title

Agreed to and Accepted on behalf of Xtivity Solutions LLC

On _____ (date)

By

Printed Name

Signature

Title



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