



REQUEST FOR COMMISSION ACTION
CITY OF INDEPENDENCE
October 8, 2020

Department Finance

Director Approval Lacey Lies

AGENDA ITEM Consider awarding installation services for the City’s Wireless Fixed Broadband System Project.

SUMMARY RECOMMENDATION City Staff recommends awarding the wireless infrastructure installation to Zinser Electric.

BACKGROUND The City of Independence solicited for proposals/bids on the installation of fixed broadband equipment for the City’s Wireless infrastructure project. This project is focused on expanding our network to better provide City departments with access to the City network services, including internet, and offer additional services to our departments, employees in the field, and customers throughout the City of Independence. Additionally, this infrastructure will provide the community with reliable access to the internet in public spaces, such as Riverside Park and Ralph Mitchell Zoo, Shulthis Stadium, Memorial Hall, Downtown rights-of-way, and S. 10th Street Park. As part of the SPARK requirements, this project must be completed by December 30th, 2020. Two proposals were received, as follows:

Company	Location	Phase I	Phase II	Total
Zinser Electric, LLC	Cherryvale, KS	\$ 8,250	\$ 9,000	\$ 17,250
TelXP Communications	Tulsa, OK	\$ 24,857	\$ 31,475	\$ 56,332

BUDGET IMPACT This project is partially funded through SPARK and partially funded through SUST.

SUGGESTED MOTION I move to authorize City Staff to award the project to Zinser Electric LLC in the amount of \$17,250.

SUPPORTING DOCUMENTS Request for Proposals



Request for Proposal

For

City of Independence Fixed Wireless Broadband System Infrastructure Installation

Posted on website
www.independenceks.gov/bids
September 16, 2020

Response Due: Prior to 2PM, October 1, 2020

Office of City Clerk
RFP – City WIFI Project
City of Independence
811 W. Laurel St.
Independence, Kansas 67301



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Request for Proposal:

City Network Wifi Infrastructure Installation

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SECTION 1 INTRODUCTION & PROJECT SUMMARY

The City of Independence is seeking proposals for the installation of our Wireless Fixed Broadband System in the City of Independence.

By expanding our network, the City of Independence will be able to provide City Departments with access to the City Network services, including internet, and offer additional services to our departments, employees in the field, and customers throughout the City of Independence. Phase 2 of this project is specifically aimed at extending that infrastructure to provide the community with reliable access to internet in public spaces.

City of Independence will provide the equipment. The Installer is responsible for misc material i.e. screws, straps, etc to complete the installation.

SECTION 2 SCOPE OF WORK

PHASE 1 - Install equipment at the following locations:

1. Installation of Ubiquiti equipment at City Hall – 811 W. Laurel Street
 - a. Equipment shall be 10Gb SFP+ capable firewall at ISP termination, [Ubiquiti EP-S16](#) on roof top, 4 [AF-5XHD](#) radios, 4 [AF-5G34-S45](#) antennas, 4 antennas mast, shielded cat-5e cables for radio connections, [UF-SM-10G-S](#) fiber module pair, [EP-54V-150W](#), [EP-54V-150W-DC](#), 54V DC surge protector, lead acid battery and single mode fiber from IT room in basement to top of elevator tower.
2. Installation of Ubiquiti equipment at Industrial Park Water Tower
 - a. Equipment shall be 4 [AF-5XHD](#) radios, 4 [AF-5G34-S45](#) antennas, 4 antennas mast for [AF-5G34-S45](#), 2 LTU-Rockets, 2 Ubiquiti 120⁰ sector antennas and mast, [Ubiquiti EP-S16](#), [EP-54V-150W](#), [EP-54V-150W-DC](#), surge protectors for each device, lead acid battery and shielded Cat-5e cabling for radio connections.
3. Installations of CPE's as listed below
 - a. Independence Municipal Airport
 - i. LTU-LR
 - b. Wastewater Treatment Plant
 - i. LTU-LR
 - c. Water Treatment Plant
 - i. LTU-Pro and mounting bracket
4. Installation of equipment at Shulthis Stadium:

STRATEGIC VISION: *Customer Service Excellence – Continuous Improvement – Teamwork*



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- a. LTU-Pro, [Edge Switch 5XP](#), [NBE-2AC-13](#) (repeater for Park Office) and mounting brackets.
5. Installation of equipment at the Park Office
 - a. [NBE-2AC-13](#)
6. Responsible for working with the City I.T. technology group to ensure the installation of the equipment and successful connectivity is obtained.

PHASE 2 - Install equipment at the following locations:

1. Industrial Park Water Tower:
 - a. Add 6 [AF-5XHD](#), [AF-5G34-S45](#) and antenna mast for direct links to Stadium, Water Treatment and Memorial hall.
2. Stadium:
 - a. Add 2 [AF-5XHD](#), [AF-5G34-S45](#) and antenna mast, [EP-54V-150W](#), [EP-54V-150W-DC](#), surge protectors for each device, lead acid battery and [EP-R8](#), 2 [UWB-XG](#) access points for community access WiFi, [LTU Rocket](#) and [120° Sector Antenna](#).
3. Park Open Air and Enclosed Fair Buildings:
 - a. Add: 2 LTU Pro CPE's, 1 [UWB-XG](#) access point, 3 [UAP-AC-HD](#) Access points and 1 [USW-LITE-16-POE](#).
4. Park Office:
 - a. Change out [NBE-2AC-13](#) for [LTU-lite](#).
5. Water Treatment:

Add 2 [AF-5XHD](#) and [AF-5G34-S45](#), [LTU Rocket](#), [120° Sector Antenna](#), [EP-54V-150W](#), [EP-54V-150W-DC](#), surge protectors for each device, lead acid battery and [EP-R8](#).
6. Shelter House:

[LTU-PRO](#), 1 [UWB-XG](#) access point, 1 [UAP-AC-HD](#) Access points and 1 [USW-LITE-16-POE](#).
7. Oval CenterPole:

Add electrical outlet and surge protection [LTU-PRO](#), 2 [UWB-XG](#) access point, Telecom Enclosure and 1 [USW-LITE-16-POE](#).



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8. Memorial Hall:

Add 2 [AF-5XHD](#), [AF-5G34-S45](#) and antenna mast, 3 [UAP-AC-HD](#) for surrounding WiFi, [LTU Rocket](#), [120° Sector Antenna](#), [EP-54V-150W](#), [EP-54V-150W-DC](#), surge protectors for each device, lead acid battery and [EP-R8](#).

9. Downtown:

3 Starting Poles : On each add electrical outlets as needed, [LTU-PRO](#), 1 [UWB-XG](#) access point, Telecom Enclosure and 1 [USW-LITE-16-POE](#).

3 Midpoint Poles: 3 Starting Poles : Add electrical outlets and surge protection as needed, [LTU-PRO](#), 2 [UWB-XG](#) access point (back to back), Telecom Enclosure, [EP-54V-150W](#), [EP-54V-150W-DC](#), surge protectors for each device, lead acid battery and [EP-R8](#).

10. Building D:

Add 2 [AF-5XHD](#), [AF-5G34-S45](#), and antenna mast to Penn Terrace for South relay point.

11. Penn Terrace:

Add 2 [AF-5XHD](#), [AF-5G34-S45](#), antenna mast, [NBE-2AC-13](#), , [EP-54V-150W](#), [EP-54V-150W-DC](#), surge protectors for each device, lead acid battery and [Ep-s16](#).

12. South 10 and Edison Park:

Add electrical outlets and surge protection as needed, [NBE-2AC-13](#) 1 [UWB-XG](#) access point, Telecom Enclosure and 1 [USW-LITE-16-POE](#).

SECTION 3 PROPOSED SCHEDULES

Proposed Project Schedule

The project deadline for completed installation and deliverables for Phase 1 and Phase 2 will be December 17, 2020. At a minimum, biweekly progress meetings shall be held and may be conducted in person or through phone/video conferencing.

TENTATIVE SCHEDULE OF DATES:

Advertise for Proposals	Date: September 16, 2020
Deadline for Proposal Submission	Date: October 1, 2020
Review Proposals	Date: October 1-8, 2020
Proposal Award:	Date: October 8, 2020
Project Completed:	Date: December 30, 2020



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SECTION 4 PROPOSED CONTENT

PROPOSAL CONTENT

Proposals shall address the following items in numerical order.

1. Qualifications and Experience. Detailed information on the history, qualifications, and experience of the firm and key personnel participating on the project, including identifying the project manager.
2. References. A minimum of three project references with contact information for similar projects completed or substantially completed within the last five years. Project references shall be applicable to the specific project manager and key team members proposed for this project. Project references shall include the size of the contract, community size, and final outcome. The City has permission to contact any project references.
3. Review of Preliminary Scope of Work and Schedule. Review the scope of work and provide comments concerning the firm's understanding and role in meeting the scope of work and recommendations for additional services beneficial to the development of the plan. Provide a schedule aligned with key tasks as described in the RFP, with any additions or modifications recommended in the proposal.
4. Project Approach. Provide a detailed description of the project approach proposed for this project.
5. Cost Proposal. Submit a not-to-exceed fee for professional services, plus expenses, which shall be itemized by various components of the work. Also, provide an itemized estimate of reimbursable expenses.

Proposals will be evaluated based primarily on the following criteria:

1. Overall proposal quality and responsiveness to the Request for Proposals, including but not limited to the completeness, clarity, conciseness, and overall comprehension of the scope of work.
2. Qualifications of the respondents, as evidenced by the knowledge, skills and experience of the firm's proposed team with similar projects.
3. Demonstrated proven experience with similar projects
4. Respondent's personnel and available resources devoted to the project
5. Ability to complete the work in the designated time period
6. Project Cost



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SECTION 5 INSTRUCTION FOR SUBMITTAL

INSTRUCTIONS:

Submissions must include one (1) hard copy and one (1) electronic pdf copy of the proposal by 2:00 p.m. CST on October 1, 2020. Email copies should be sent to [laceyl@independenceks.gov](mailto:lacey1@independenceks.gov) cc davidc@independenceks.gov. You will receive a confirmation of email receipt.

Proposals shall be directed to:

Lacey Lies, City of Independence, 811 W. Laurel, Independence, Kansas 67301, 620-332-2505, [laceyl@independenceks.gov](mailto:lacey1@independenceks.gov)

Proposals must be received by the time specified at the address listed above. Any proposals received after the deadline will not be considered.

Questions shall be directed to:

David Cowan, City of Independence, 811 W. Laurel, Independence, Kansas 67301, 620-332-2528, davidc@independenceks.gov

The City of Independence reserves the right to reject to add or delete options after the proposal is awarded, and expects appropriate credit or debit for said options. The City of Independence reserves the right to accept or reject any or all bids or to waive any irregularities should any occur as may best benefit the City.

This proposal is good for 30 days from the opening date.