Broadband Deployment Status Update

City of Joplin



December 5, 2022

Increasing Connectivity Across Joplin

The City of Joplin has formally released its Request for Proposal to solicit the market for partnership to implement a citywide fiber optic network and improve connectivity.

Phase I

Build Joplin's Fiber Deployment Plan

Develop an **actionable** plan which guides the City towards strategic and Joplin-centric broadband deployment including:

- Local Insights and Priorities
- Grant Funding Strategy
- Legal & Regulatory Risks
- Go-to-Market Strategy

Phase II

Solicit Market for Partnership

Approach the broadband market **aggressively and effectively** to secure partnership to further progress the City's connectivity goals.

- Draft and Publish Request for Proposal (RFP)
- Conduct Negotiations
- Reach a Partnership Agreement

Phase III

Deploy Broadband

Upon the City **reaching a partnership agreement**, successful deployment of broadband includes:

- Broadband deployment program management
- Performance monitoring & reporting to prepare competitive grant applications
- Continuous community engagement

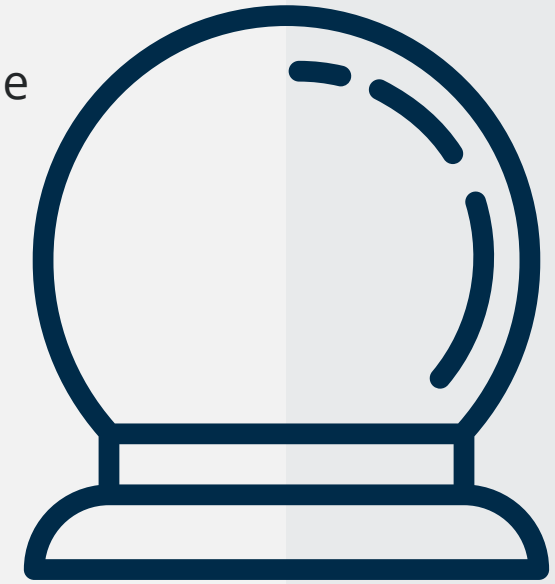
Strategy — Optimization — Performance

“The Crystal Ball”

Responses to the RFP are still anticipated to be diverse; however, the City can expect the future fiber-optic network to meet leading global standards and enable Smarter Joplin goals to be met.

Knowledge

- Globally accepted and available technology was identified for the last-mile fiber network, and is expected to last decades
- Optimized and diverse funding structures to strategically deliver solutions
- Focus is on fiber backbone to enable Smarter Joplin goals and community technology

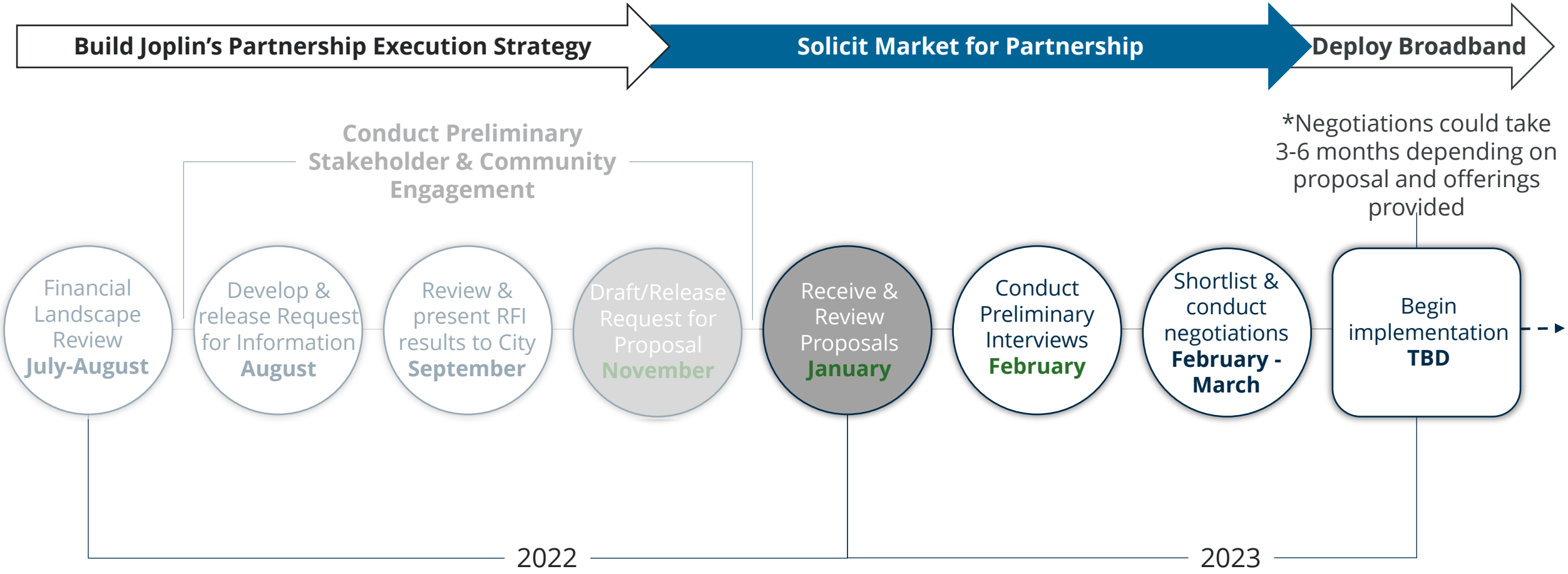


Expectations

- Prioritize internet access, education & workforce development, public wellness, and government efficiency
- Use future partnership to achieve grants both for deployment and new technology
- Establish attentiveness to negotiation and deployment timeline

Obtaining Future Partner

Following the recent publication of the RFP, the City remains aggressive in its progression towards partnership and has required potential partners to **submit response by January 31, 2023**.



Stakeholder Engagement

Stakeholder Insights

City stakeholder groups were engaged in preliminary discussions to identify desired technology solutions and City operation optimization projects which are enabled through the future city-wide network.



PARKS AND RECREATION

- Digital Info Kiosks
- Safety Blue Lights
- Trash/Water/Climate Sensors

PUBLIC WORKS

- Pre-Treatment Sensors
- Flood Control Sensors
- Interconnected Traffic Signals

POLICE

- License Plate Recognition
- Hotspots at Public Works Building
- CCTV Trails and Parks

HEALTH

- Connectivity at Animal Control Garage
- Mobile Health Tracking App
- Electronic animal intakes, inventory & billings

FIRE

- Monitor Vacant Structures
- Geo-Locate Fires
- Connectivity at Fire Stations

Request for Proposals Structure

Request for Proposal

RFI responses and stakeholder input provided critical insight to the development of the RFP which is specifically aligned to City connectivity needs that considers technical and financial requirements established by the City.

Technical Reponse

- Cover **all of City of Joplin** with Gigabit technology
- Connect **City Infrastructure**
- Target primarily **underground facilities**
- Encourage **Open Access.** Single ISP models will be considered
- Use **existing City infrastructure** for consideration in future negotiations

Financial Response **(Responses to this section are Confidential)**

- The City will consider **ISP self-funded partnerships and structures** where City contributes funding
- The City **will not consider** offers where City funds the entire network
- Respondent to provide strategy to **remain compliant with ARPA fund guidelines** set by the US Treasury Dept
- Respondent to provide necessary **proof of funding** under each model proposed
- Respondent directed to support the **Affordable Connectivity Program (ACP)** to serve all residents

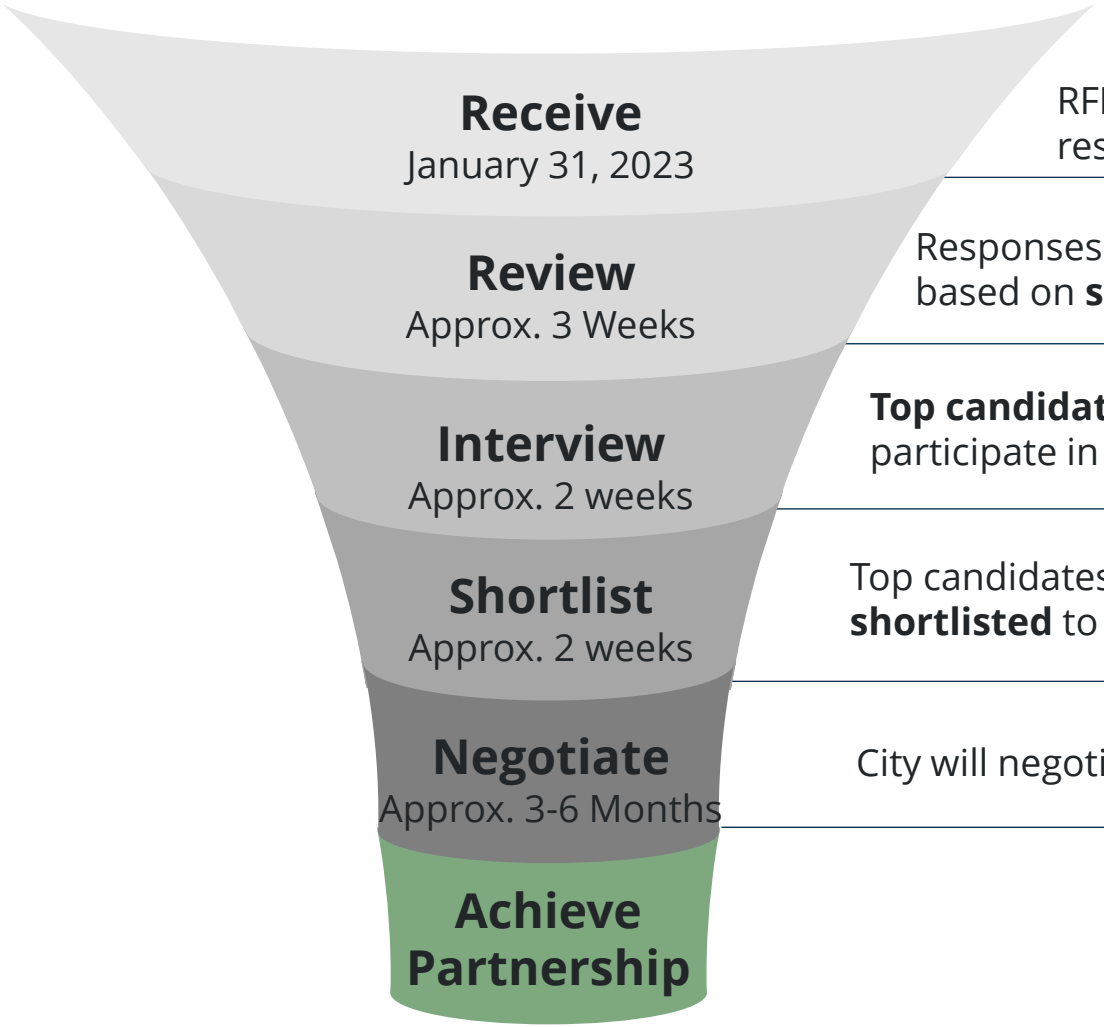
RFP Publication
November 29, 2022

Technical & Financial Responses due:
January 31, 2023
(8 weeks)

Receive & Review Proposals

Receive & Review RFP Responses

Once the City receives responses to the Request for Proposal (RFP), detailed reviews are to be conducted to identify top candidates to proceed with preliminary interviews prior to the City's shortlist of respondents to enter formal negotiation.



RFP Technical and Financial responses received by City

Responses are reviewed by City based on **specific review categories**

Top candidates from review participate in preliminary interviews

Top candidates from interviews are **shortlisted** to enter negotiations

City will negotiate with **vendors**

City Review Team

Lead: Planning, Development, and Neighborhood Services (2)

Support: Public Works (1)

Support: City Manager's Office (1)

Support: Finance Department (1)

Review Categories

Company Profile	(10 Points)
Execution Timeline	(10 Points)
Experience	(10 Points)
Technical Requirements	(20 Points)