



COLORADO SPRINGS UTILITIES

Downtown Fiber Project –
Central Business District and SW Sector (New Downtown)
04 September 2020

Engineering Firm for Fiber Implementation

Colorado Springs Utilities (CSU) seeks to initiate a fiber construction program to support utility infrastructure. The planning by The Broadband Group should account for a 40-50 year time horizon in terms of future capacity. It is noted any commercial effort is secondary to the need of addressing the precipitous growth of managing data.

[REDACTED] fiber runs will be designed and installed. [REDACTED]
[REDACTED] Third party data is a possibility but will be
[REDACTED]. Physical security is required for [REDACTED]. Any
access to Colorado Springs Utilities operational and customer information will require physical security
in addition to cyber security. [REDACTED]



Colorado Springs Utilities would like to begin the assignment with the two identified areas comprising the downtown fiber demonstration project: [REDACTED]

Each assigned area will be executed in two distinct phases: Design and Construction Support. Phase I Design tasks are estimated to begin as soon as possible and conclude by January 29, 2021. Phase II Construction Support activities would open immediately upon completion of Phase I (February 1, 2021) and continue through December 31, 2021.

CSU Downtown Fiber Project	
Phase I – Design	
Site Visits:	
	Project Kick-Off
	Field Data Route Collection
	Conduct Site Walks
Engineering / Design:	
	High Level Design
	Low Level Design
Phase II – Construction Support	
Permit Drawings:	
	GIS
	Graphics
	SAQ
Construction:	
	IFC / Construction Drawings Submittals
	Coordination with Site Acq. & Construction
	As Builts Created

Deliverable(s)

CSU would like to first focus on prescribed design activities, but we would also appreciate guidance to help ensure that we have the appropriate resources to complete successful implementation of the projects. The advantage over the project period is that the utility’s management team will be able to have outside professionals work on tasks where their support is needed most.

High-Level Design

Specific deliverables and deadlines can be established at the direction of CSU's management as the project matures towards completion.

Proposed Schedule

Colorado Springs Utilities would like to know the estimated schedule for Phase I and Phase II from The Broadband Group as soon as is practicable. We anticipate roughly 90 days for Phase I.

Additional Services

Colorado Springs Utilities may require additional consulting services from The Broadband Group as the project evolves.

Pricing

Colorado Springs Utilities would like to know estimated pricing from The Broadband Group as soon as is practicable.

Technical Assumptions – Central Business District

- [REDACTED] of construction
- [REDACTED] vaults to be installed
- Site visit to each proposed vault location
- [REDACTED] building inside the proposed corridor is assumed to be hub location
- Pricing excludes optical transport of access equipment

Technical Assumptions – “New Downtown” District

- [REDACTED] of construction
- [REDACTED] vaults to be installed
- Site visit to each proposed vault location [REDACTED]
- [REDACTED] building inside the Central Business District is assumed to be hub location
- Pricing excludes optical transport of access equipment