

Telecommunication Meet Me Room (MMR) Fiber Construction

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Project Overview

Establish new permanent telecommunication connection pathway into the Airport

- Telephone services
- Internet and Intranet
 - Wi-Fi connectivity and Office connections
 - Airport Reservation System and Airport Check-in System

Benefits:

- Relocate legacy connections and upgrade from copper to high-speed fiber.
- Bring new services and service providers into the Airport.
- Provide connection redundancy and resiliency (Dual Pathway).

Request:

- Authorization for construction of the fiber connections
- This will fully authorize the Telecommunication Meet Me Room project

Project Scope - Fiber

- Fiber Scope
 - Install fiber interconnections between Service providers and Port equipment.
 - Install fiber in a primary pathway to each Main Distribution Room (MDR).
 - Install fiber in a secondary pathway to each MDR.
 - New tray and conduit pathways are required to keep the connections separated.



Project Opportunities

Opportunity	DESCRIPTION
Increased Resiliency	The project has identified and will be installing a secondary pathway to each MDR from the MMR. This will provide data redundancy and resiliency to the airport which is not currently available with the legacy connections.
Diversity of services and providers	The MMR will have space for new service providers to access the airport. These providers can bring additional and competing services into the airport.
Synergies with the Utility Master Plan and future capacity	This project aligns with recommendations in the Utility Master Plan for increased resiliency and capacity for future growth.

Project Risks and Mitigation

RISK	DESCRIPTION	MITIGATION PLAN
Supply Chain - Fiber	Availability of fiber cabling	<ul style="list-style-type: none">• Identifying the long lead items in advance and working with the contractor to put orders in early.

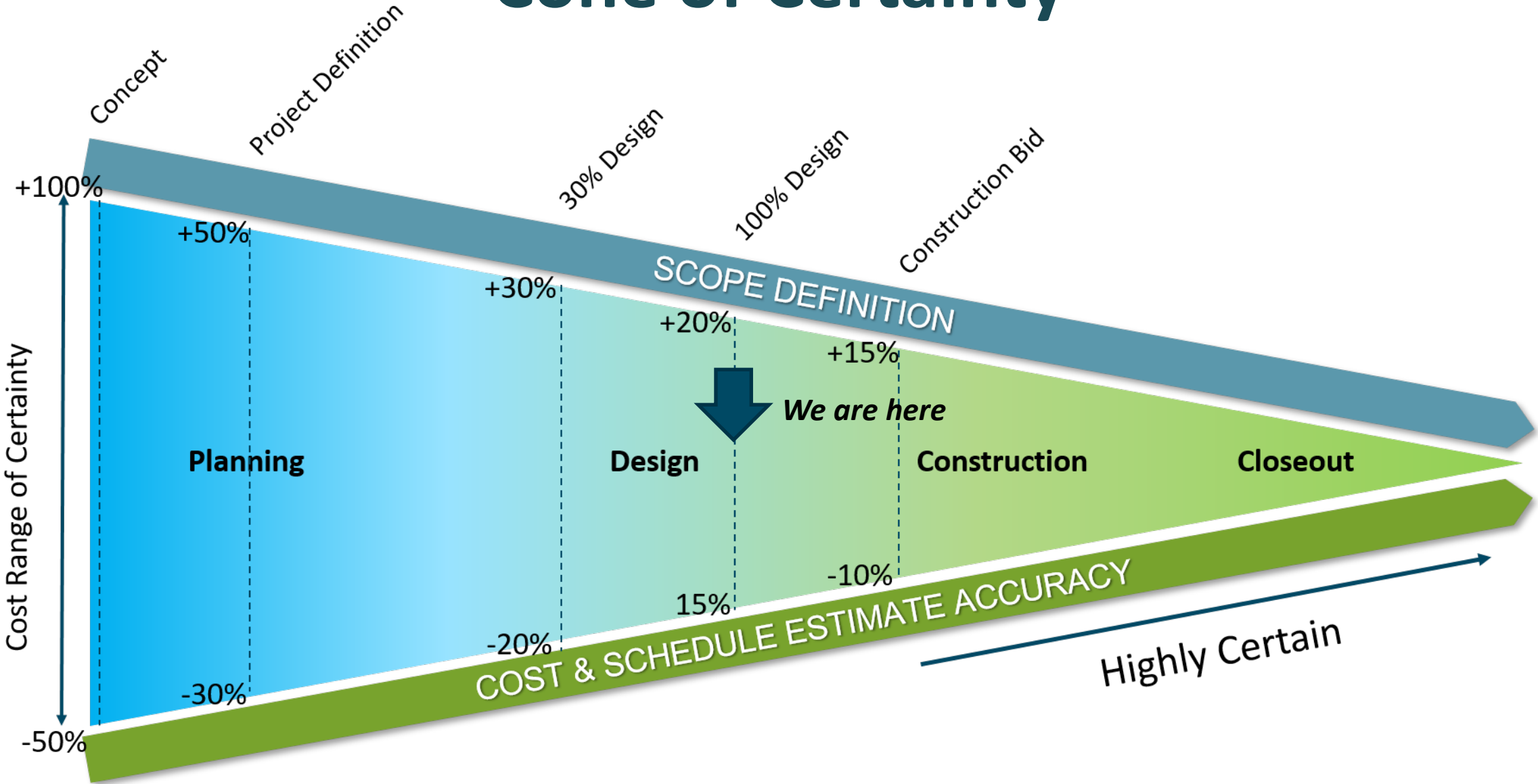
Schedule

- Fiber Scope
 - Commission for construction authorization 3Q 2023
 - Construction Start 2Q 2024
 - Substantial Completion – Fiber 4Q 2025

Budget and Authorization

Authorization	Amount	Note
Previous authorization	\$13,703,00	September 2022
This Request	\$7,997,000	Fiber – Construction Funding
Total Authorized	\$21,700,000	Building & Fiber fully authorized
Total Remaining	\$0	

Cone of Certainty



Action Requested

- Authorization to advertise, award, and execute a major works construction contract to construct
- Use of Port of Seattle Crews for design support and pre-construction activities
- This request is to authorize \$7.997M
 - Total authorization is \$21.7M
 - This will fully authorize the Telecommunication Meet Me Room Project

Questions?