



# Update on Administration of RiverRenew Tunnel Project Contract

Briefing for AlexRenew Board of Directors

April 18, 2023



# Outline

- RiverRenew Overview
- Delivery Methods Considered for the RiverRenew Tunnel Project
- Key Administration Terms for the RiverRenew Tunnel Project
- Update on RiverRenew Tunnel Project Contract Administration

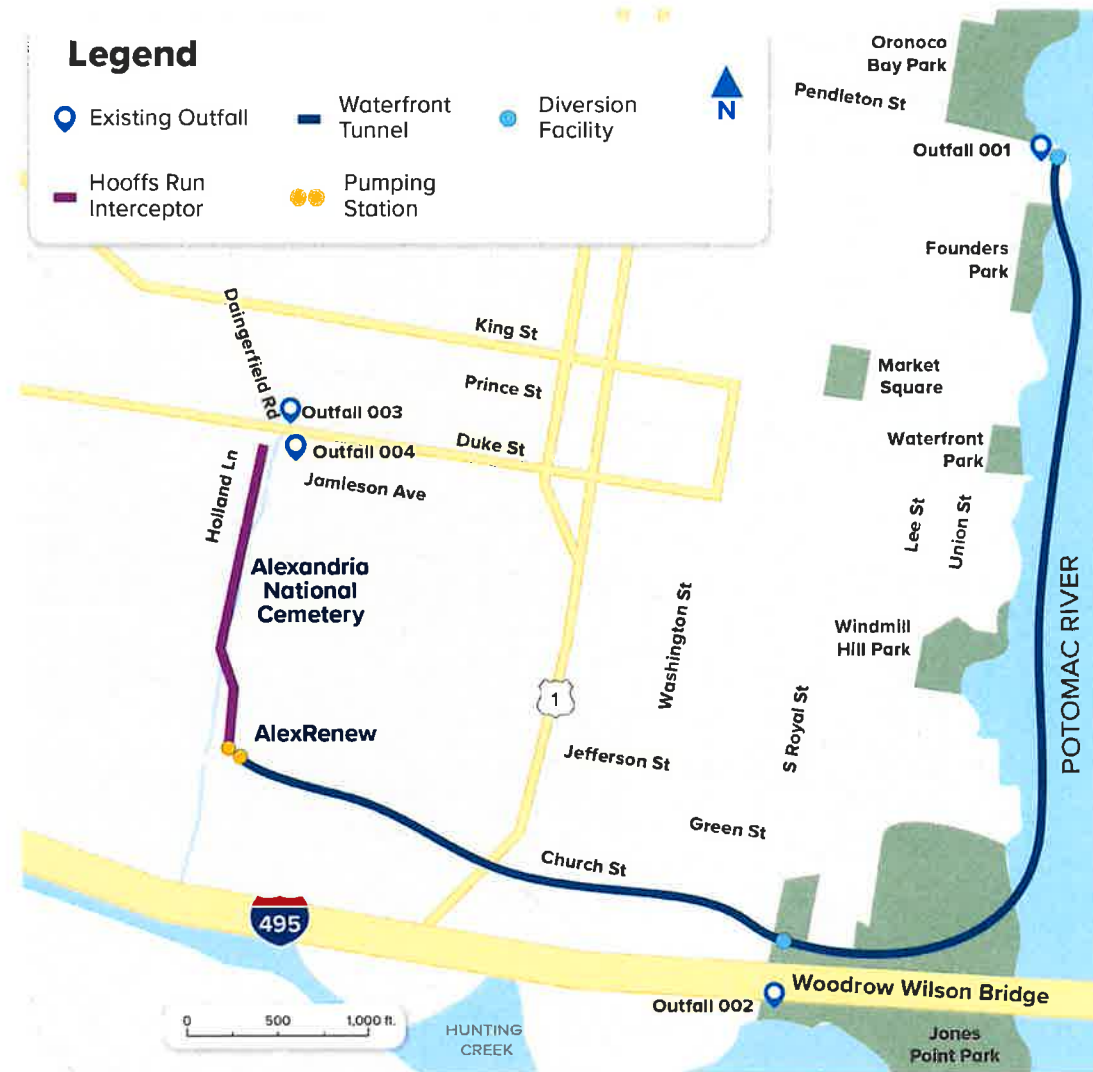
# RiverRenew Tunnel Project overview

## Components:

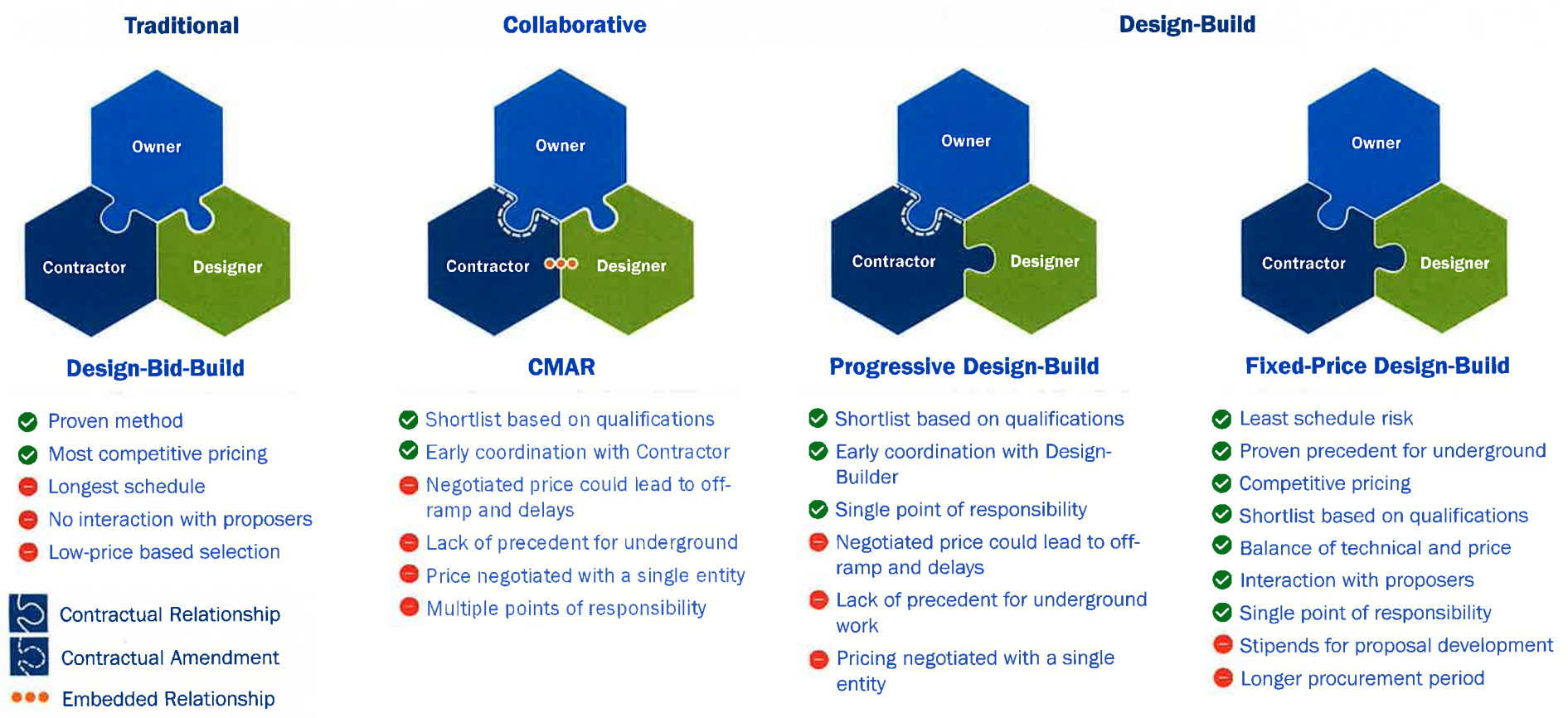
- 11,500-linear-foot, 12-foot-diameter **Waterfront Tunnel**, 100- to 140-feet deep
- Soft ground: **Potomac Formation (clay)**, alluvium
- 35- and 37-foot-diameter **Drop Shafts**
- 2,500-foot-long, 6-foot-diameter **Hooffs Run Interceptor**
- 20-mgd **Tunnel Dewatering Pumping Station** and 180-mgd **Wet Weather Pumping Station** housed in a 65-foot-diameter shaft
- 35-foot-diameter **Screening Shaft**
- 4-story Pumping Station **Superstructure**

**Construction Cost:** \$454.4 million

**Construction Schedule:** December 2020 – July 2025



# Delivery methods considered for the RiverRenew Tunnel Project



The RiverRenew Tunnel Project contract was executed in November 2020



## Key RiverRenew Tunnel Project contract administration terms



## The RiverRenew Tunnel Project utilizes a risk management process from planning through construction








- ✓ Encourage a risk management culture
- ✓ Mitigate or reduce probability and impact of risk events
- ✓ Develop and manage budget contingencies
- ✓ Inclusive, collaborative process
- ✓ Continuously monitor and update

# Quarterly partnering meetings are held to foster collaboration

## Partnering Meetings:

- Key members of the Owner, Owner Advisor, Resident Engineer, and Design-Builder team
- Hosted by a third-party facilitator
- Provides a space for communication, improved strategy, and functionality

## Partnering Success Factors

-  Third Party Coordination
-  Don't Break the Plant
-  Minimize Schedule Risk
-  Collaboration
-  Safety
-  Quality



# Quarterly Dispute Resolution Board Meetings are held to resolve potential contractual conflicts

## Dispute Resolution Board Meetings:

- Key members of the Owner, Owner Advisor, Resident Engineer, and Design-Builder team
- Board members consist of industry experts jointly selected by the Owner and Design-Builder
- Board facilitates timely resolution of disputes

## Dispute Resolution Board Members



**Andrew Ness**  
Legal

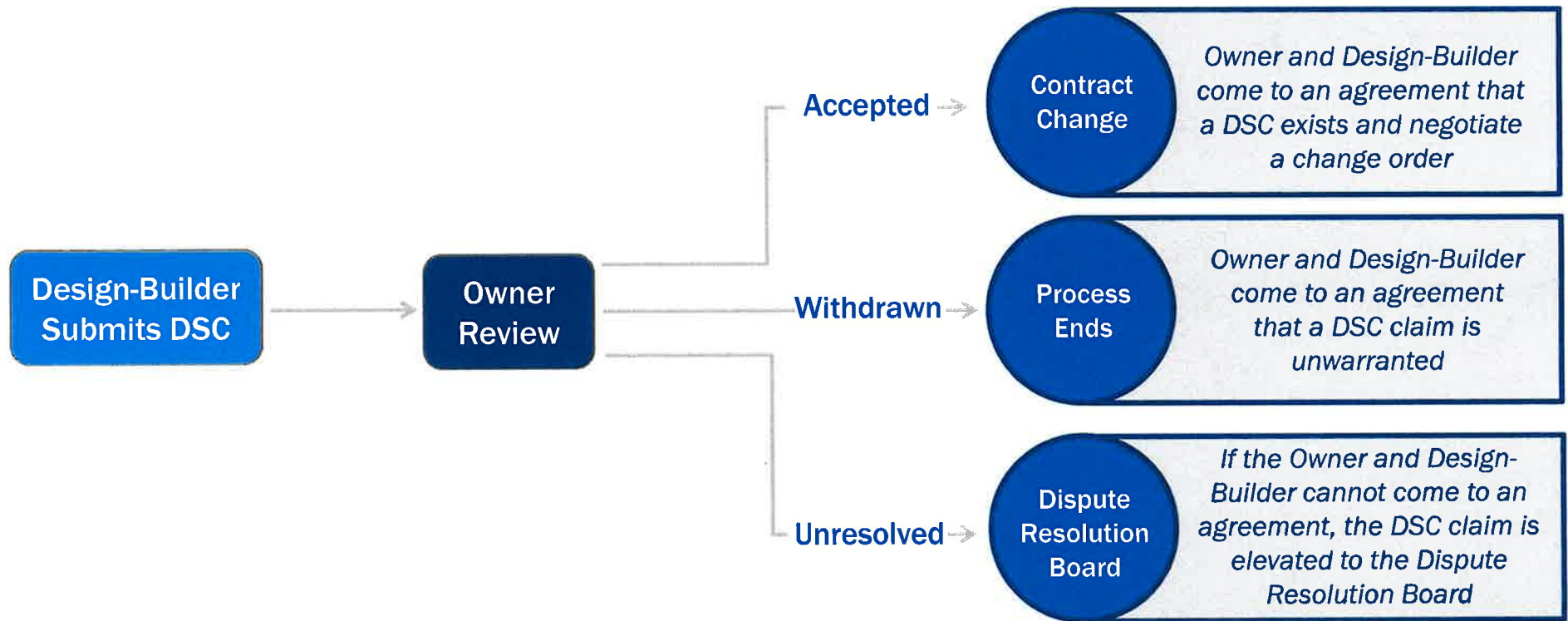


**Fred Kelly**  
Construction Management



**Gabriel Fernandez**  
Geotechnical

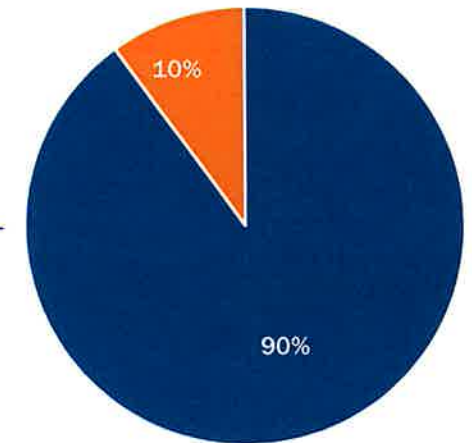
A differing site condition (DSC) is a physical site condition that differs materially from those indicated in the Contract Documents



## Summary of RiverRenew Tunnel Project Price Proposal Form (fixed-price)

Payment Item	Unit	Extended Price*	Payment Processing
Lump Sum Work	Lump Sum	384.9	Pay App process
TBM Mobilization	Lump Sum	24.0	Pay App process
Tunnel Work Stoppages	Each	0.4	Pay App process
TBM Intervention Time	Hour	0.04	Pay App process
Project Contingency	Allowance	17.0	Work Change Directive
Escalation/COVID	Allowance	20.0	Pay App process
Permitting & Third Party Coordination	Allowance	2.3	Pay App process
Partnering & Dispute Resolution Board	Allowance	0.3	Pay App process
Pumping Station Equipment	Allowance	1.0	Pay App process
Other	Allowance	4.5	Work Change Directive
<b>Total Contract Price</b>		<b>454.4</b>	

\* price in millions



■ Remaining ■ Expended



Approximately \$300 million has been expended on RiverRenew

