



RiverRenew

# RiverRenew Stakeholder Advisory Group Meeting No. 5

July 29, 2019



RiverRenew is a program owned and implemented by Alexandria Renew Enterprises, with support from the City of Alexandria.



1800 Limerick Street | Alexandria, VA 22314



## Presentation Outline

- Welcome and SAG Member Updates
- Program Status Update
  - RiverRenew Milestones Achieved in the Past Year (July 2018 – July 2019)
  - Environmental Assessment Status Update & Recap of Listening Sessions
  - Community Outreach Ideas for Procurement Phase
- Technical Update
  - Tunnel System Procurement Process
- Next Steps
- Public Comment Period



# Welcome and SAG Member Updates

Caitlin Feehan

# RiverRenew SAG Member Roles and Responsibilities



## REVIEW AND MONITOR PROGRAM PROGRESS

*Gain awareness and understanding for RiverRenew.*



## COMMUNICATE PROGRESS AND SERVE AS SPOKESPEOPLE FOR PROGRAM

*Be a RiverRenew advocate. Disseminate information to networks on progress and increase community awareness of RiverRenew and the benefits it will have for Alexandria.*



## RECEIVE INPUT FROM THE PUBLIC

*Solicit feedback on RiverRenew as we advance toward construction.*



## ASSIST IN IDENTIFYING COMMUNITY IMPACTS

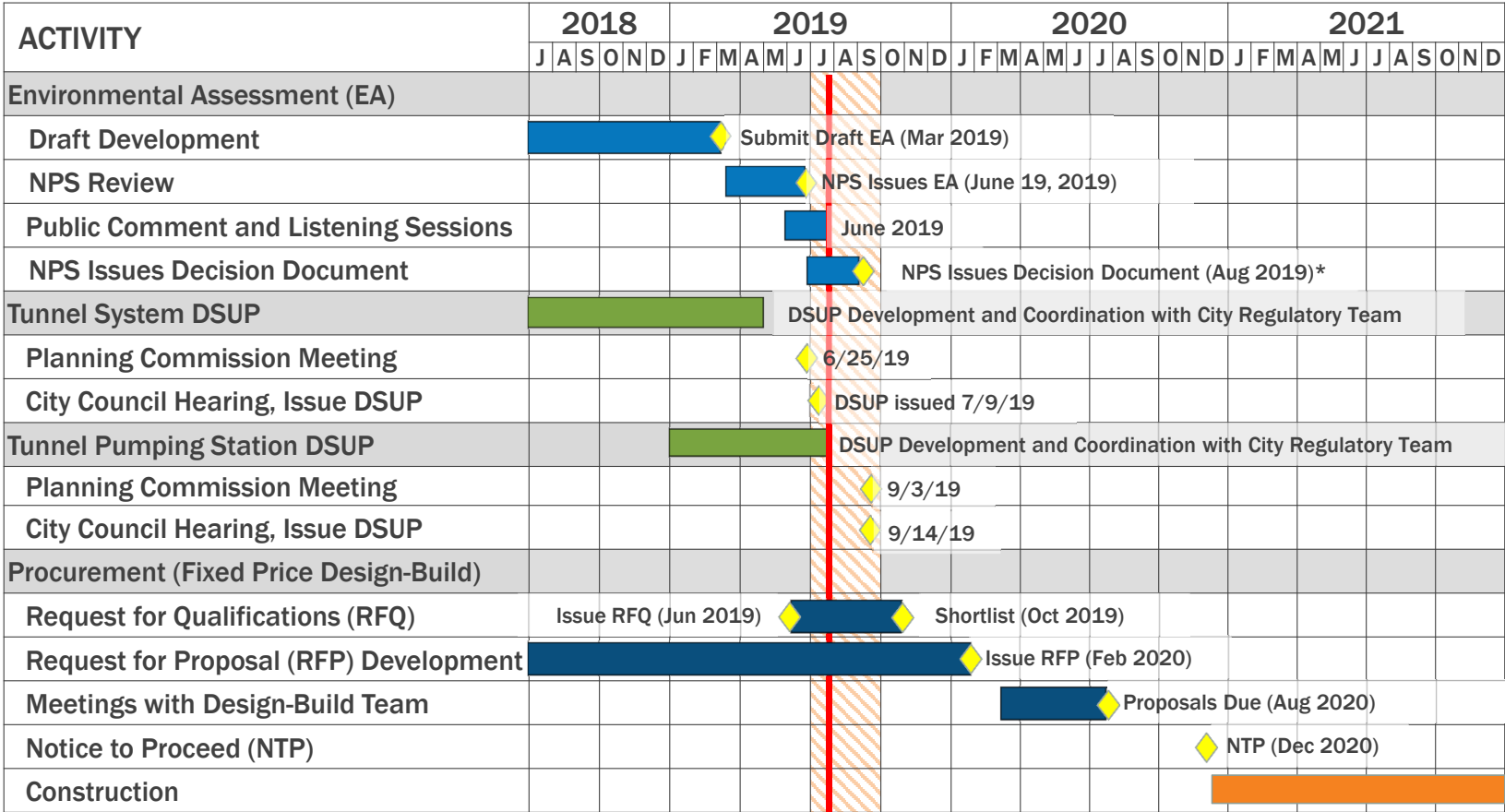
*Provide feedback on approaches to minimize community impacts.*



# Program Status Update

Caitlin Feehan

# RiverRenew Tunnel System Permit and Procurement Schedule



Legend:

- Environmental Assessment
- DSUP
- Procurement
- Current Quarter
- ◆ Milestone
- Construction

DSUP: Development Special Use Permit  
 \*Dependent on NPS Schedule

NOW



# RiverRenew Milestones Achieved in the Past Year (July 2018 – July 2019)

2018						2019						
Jul	Aug	Sept	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul
1 Community Event	1 Permit Issued	2 Community Events	5 Community Events	3 Community Events	1 Community Event	2 Community Events	SAG Established	1 Community Event	5 Community Events	4 Community Events	Listening Sessions II	3 Community Events
Council-Board Workgroup Established	Boring Program Started	Listening Sessions I	Council-Board Workgroup Meeting	Council-Board Workgroup Meeting	7 Borings Completed	Council-Board Workgroup Meeting	Industry Outreach	SAG Meeting	Council-Board Workgroup Meeting	SAG Meeting	4 Community Events	Council-Board Workgroup Meeting
Program Branded as RiverRenew	4 Borings Completed	Council-Board Workgroup Meeting	8 Permits Issued	Industry Outreach		Elected Officials Outreach	State Funding Announced	Final PER Issued	Rate Increase Outreach	Pumping DSUP Submitted	SAG Meeting	SAG Meeting
RiverRenew.com Launched		VPDES Permit Issued	5 Borings Completed	Draft PER Issued		1 Permit Issued	Tunnel DSUP Submitted	2 Permits Issued	2 Permits Issued	9 Borings Completed	1 Permit Issued	3 Permits Issued
LTCPU Approved		3 Permits Issued		2 Borings Completed			1 Boring Completed	3 Borings Completed	30% RFP Drafted		Env. Assessment Released	Tunnel DSUP Approved
Ownership of Outfalls Transferred		5 Borings Completed							2 Borings Completed		Tunnel RFQ Issued	\$25M Contracts Issued
											5 Borings Completed	5 Borings Completed

## RiverRenew Engaged a Variety of Groups and Over 100 People in June and July

Date	Location	Outfall	Estimated Number of Attendees
6/24	The Basilica School of St Mary	002	30
6/26	Charles Houston Rec Center	001	30
6/27	AlexRenew	003/4	25
7/3	Oronoco Bay Apartments*	001	20
7/8	Residents at S. St. Asaph Street*	002	10
7/23	Commercial Property Owners*	001	5

### Groups represented:

- RiverRenew Stakeholder Advisory Group
- Alexandria Chamber of Commerce
- National Park Service
- Virginia Department of Environmental Quality
- Old Town Civic Association
- Tobacco Quay
- Oronoco Bay
- Friends of the Alexandria Waterfront
- Alexandria Gazette
- City Staff
- AlexRenew Board of Directors

\*Subsequent meetings with residents following the end of Listening Sessions



# Summary of Environmental Assessment Comments and Next Steps

Common themes of the comments captured:

Outfall 001 Impacted Soil and Groundwater	Outfall 001 Promenade and Oronoco Bay Temperature	Climate Change with Respect to Storm Intensity and Sea Level Rise
Tunnel Alignment and Protection of Structures along Church Street	Virginia Department of Conservation and Recreation Support	Fairfax County Request to Review Traffic Plans When Complete

## Next Steps:

- Finding of No Significant Impact (FONSI) to be issued in August 2019\*  
*\*Dependent on NPS schedule*
- Section 106 process finalization

# Draft Community Outreach Campaigns through February 2020

## Input Requested



# Community Outreach Ideas from Council-Board Workgroup

Suggested events to consider:

National Night Out (August 6)	Back to School Nights (Sept. 17 - 27)	Del Ray Art on the Avenue (October 5)
Del Ray Halloween Parade (October 28)	Turkey Trot (TBD)	Del Ray Beer Garden Pop Up's



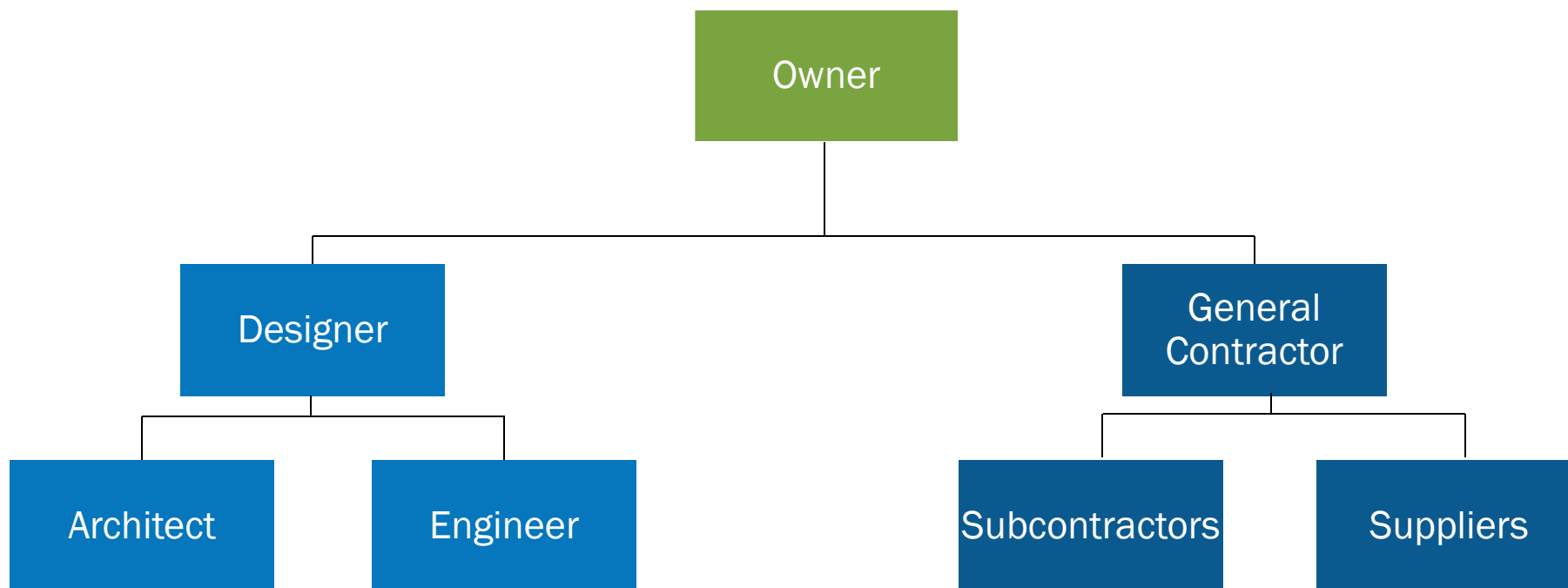
# Tunnel System Procurement Process

Justin Carl

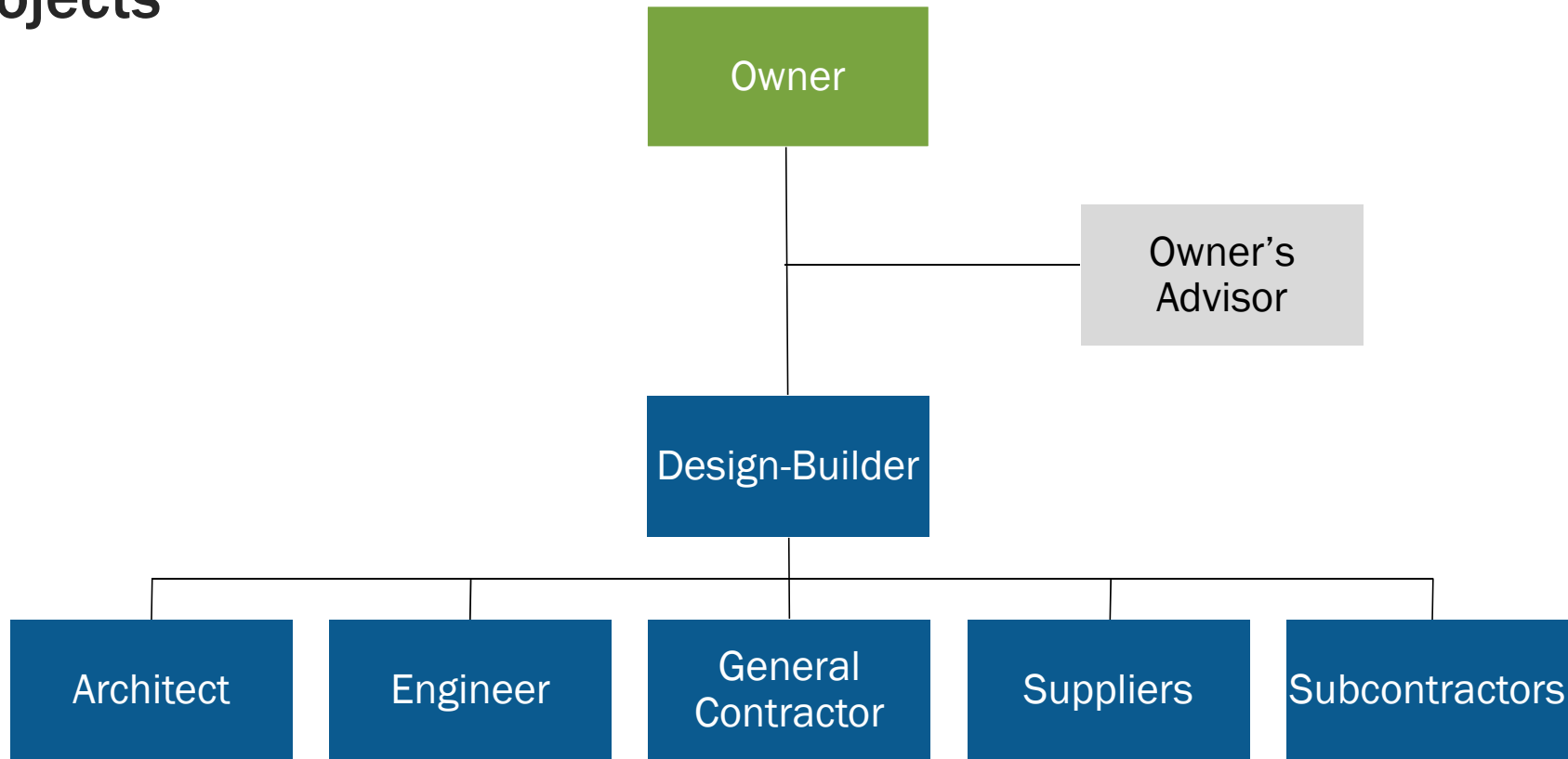
# Design-Bid-Build vs Design-Build



# Traditional Design-Bid-Build Procurement Approach for Water and Wastewater Projects

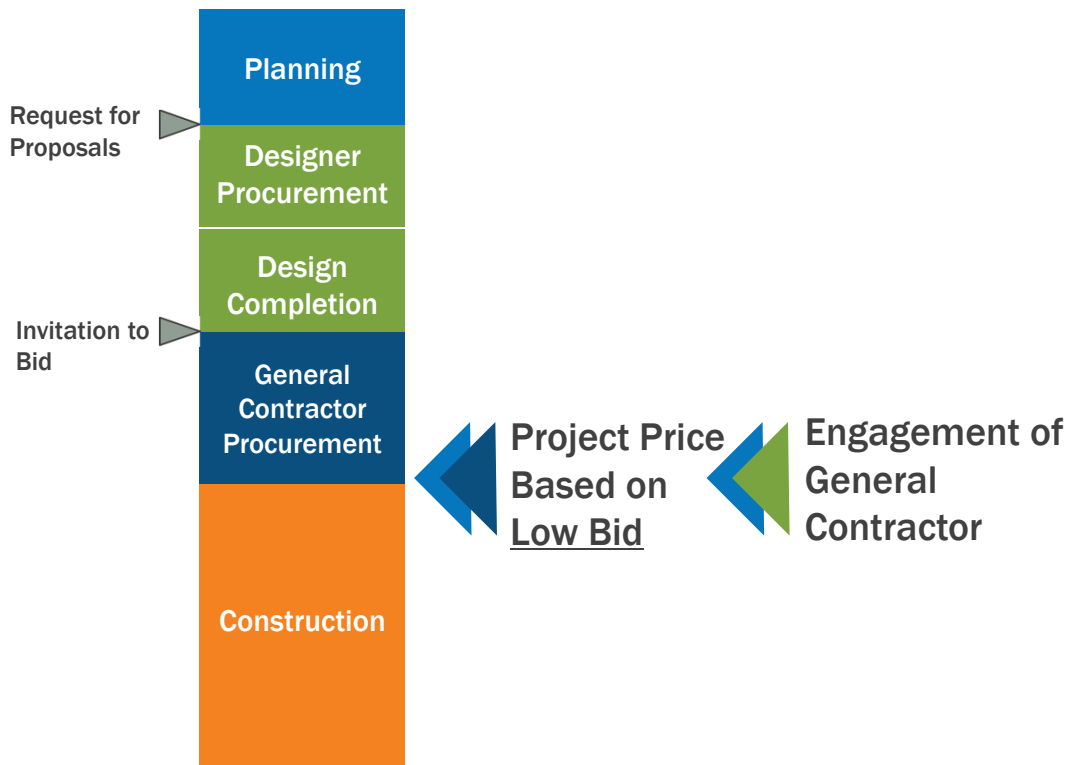


# Design-Build Procurement Approach for Water and Wastewater Projects

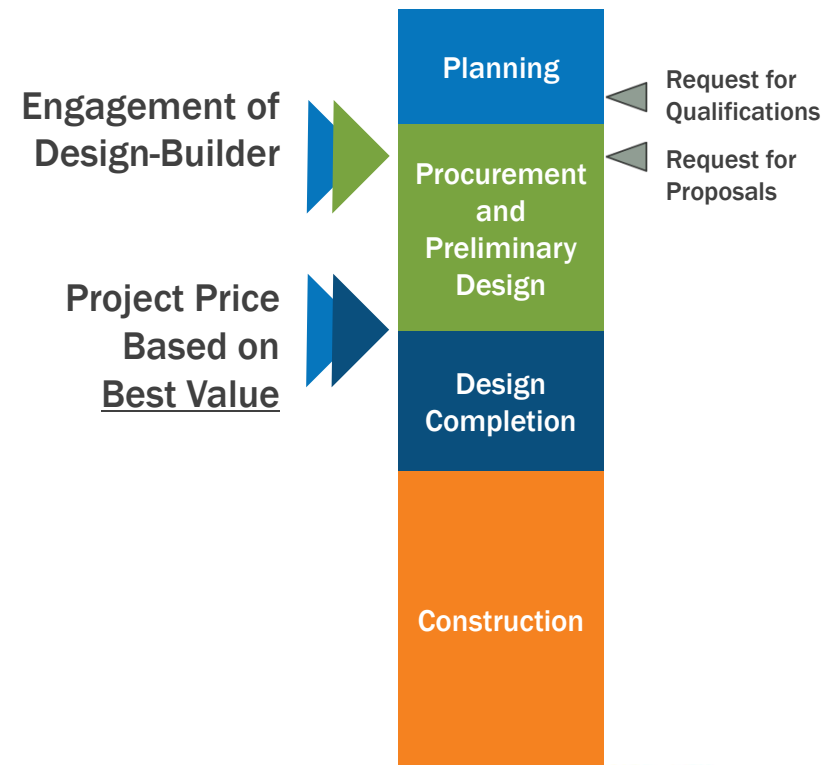


# Overview of Design-Bid-Build and Design-Build Project Delivery

## Design-Bid-Build Delivery



## Design-Build Delivery







## Key Benefits of Design-Build Project Delivery

### Direct, Contractual Relationship between Contractor and Designer

- Fosters collaboration, teamwork and innovation
- Owner does not manage the design/construction interface

### Single Point of Responsibility

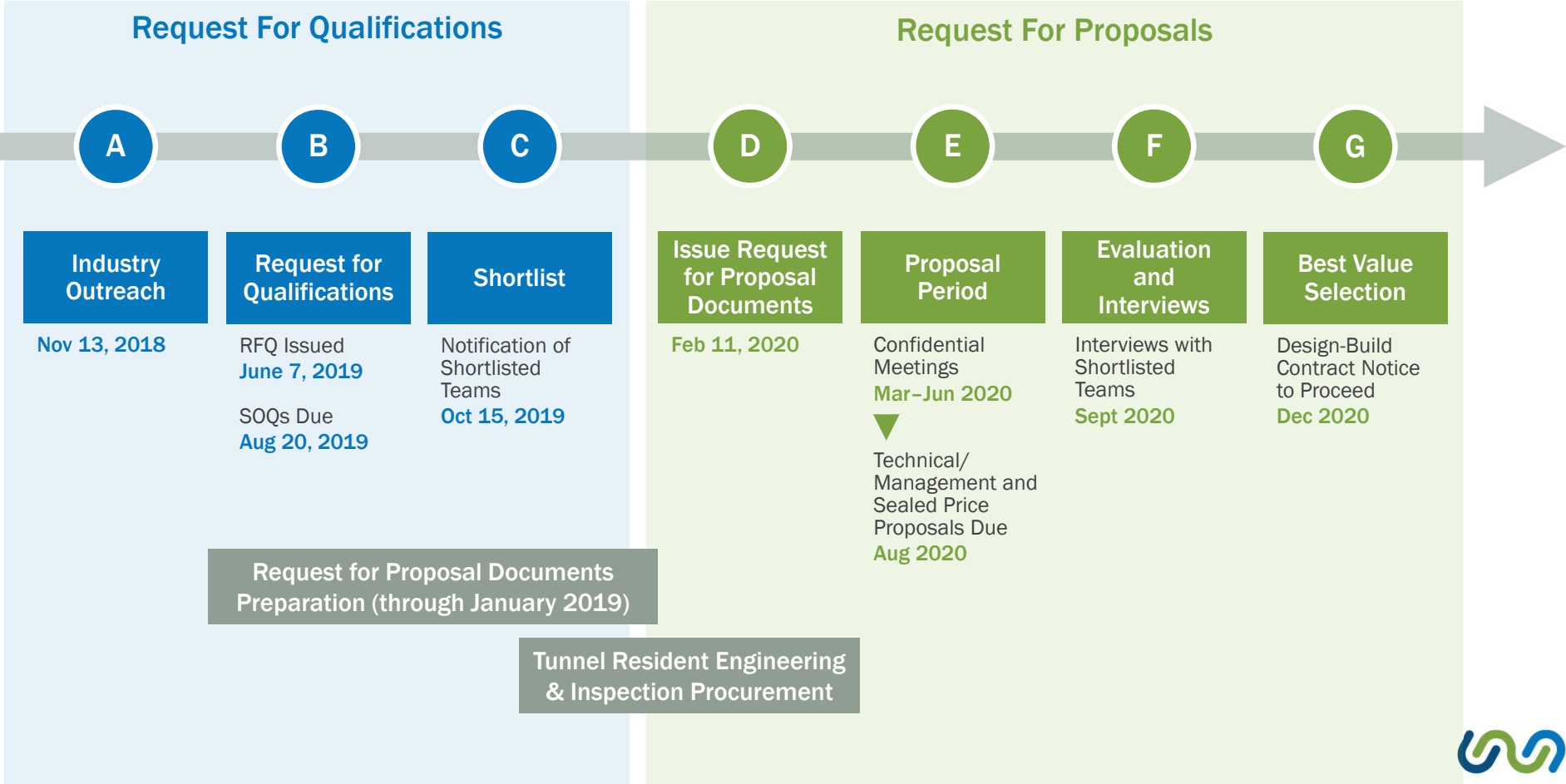
- Owner exposure to claims and cost overruns reduced
- Majority of responsibility for completeness, accuracy and integration of design and construction processes (i.e., performance) to Design-Builder

### Shorter project delivery and construction durations

### Owner obtains early knowledge of project price

### Owner can consider non-price factors in selecting the team

# Design-Build Process and Schedule for the Tunnel System Project



## The Following Criteria are Important to AlexRenew's Selection of in Shortlisting Qualified Design-Build Teams

- Experience of **entities and team members working together**.
- Substantial **Design-Build** experience.
- Experience in **tunnel and shaft** design and construction – similar diameter, depth, and ground conditions.
- Experience in **pumping stations and wet weather facilities** design and construction – similar function, capacity, and depth.
- Experience in design and construction of **pipelines installed by open-cut** methods with connections to live sewers.
- Constructing similar facilities and **mitigating community impacts** in congested residential and commercial **urban environments**.

# Shortlisting Selection Criteria Included in Request for Qualifications

## Step 1

PASS/FAIL	40%	40%	10%	10%
Financial Strength and Commitment	Key Personnel*	History of Performance*	Project Risks	Safety
<ul style="list-style-type: none"> <li>• Performance and payment bonds – amount tied to engineer’s estimate (\$300M)</li> <li>• Bonding Capacity (\$30M)</li> </ul>	<ul style="list-style-type: none"> <li>• Project Manager</li> <li>• Construction Manager</li> <li>• Design Manager</li> <li>• Design Coordinator</li> <li>• Three (3) Additional Key Personnel Identified by Design-Builder</li> </ul>	<ul style="list-style-type: none"> <li>• Tunnel and shaft construction in similar ground conditions</li> <li>• Pumping stations and wet weather facilities of similar function, capacity, and depth</li> <li>• Pipelines installed by open-cut methods with connections to live sewers</li> </ul>	<ul style="list-style-type: none"> <li>• Narrative</li> <li>• Impact</li> <li>• Mitigation</li> <li>• Role</li> <li>• Responsible Party</li> </ul>	<ul style="list-style-type: none"> <li>• Safety culture</li> <li>• Safety record (EMR or EMF)</li> <li>• OSHA Form 300A</li> </ul>

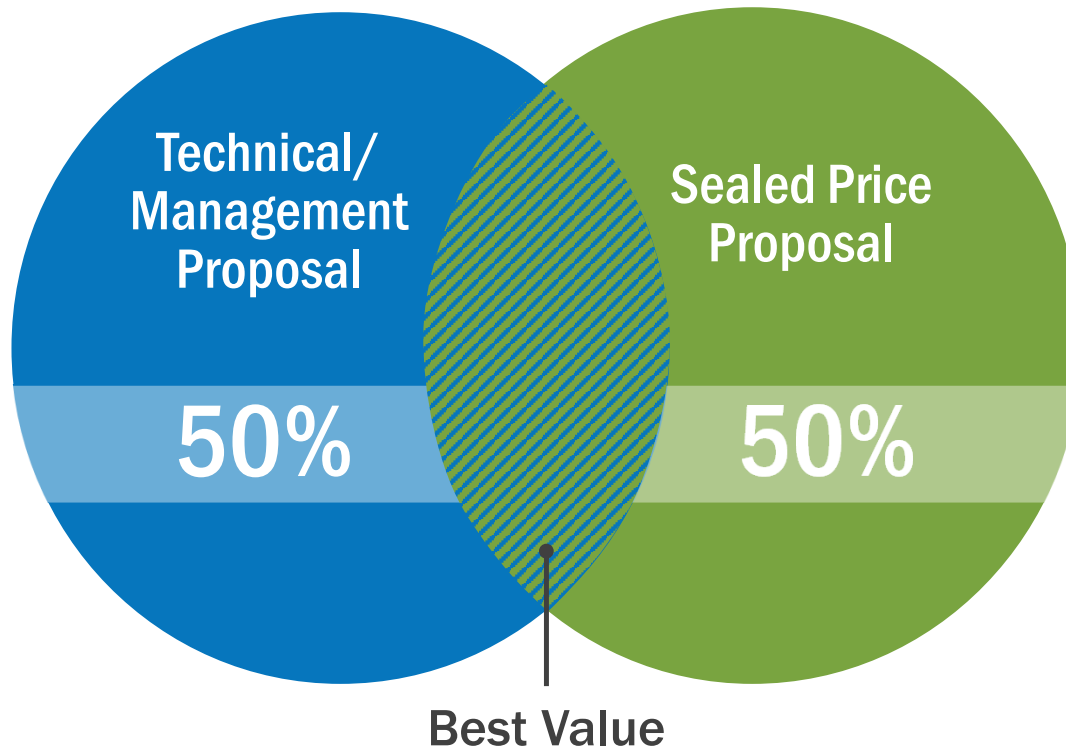
\*Required to be on project through completion

\*Design and construction experience

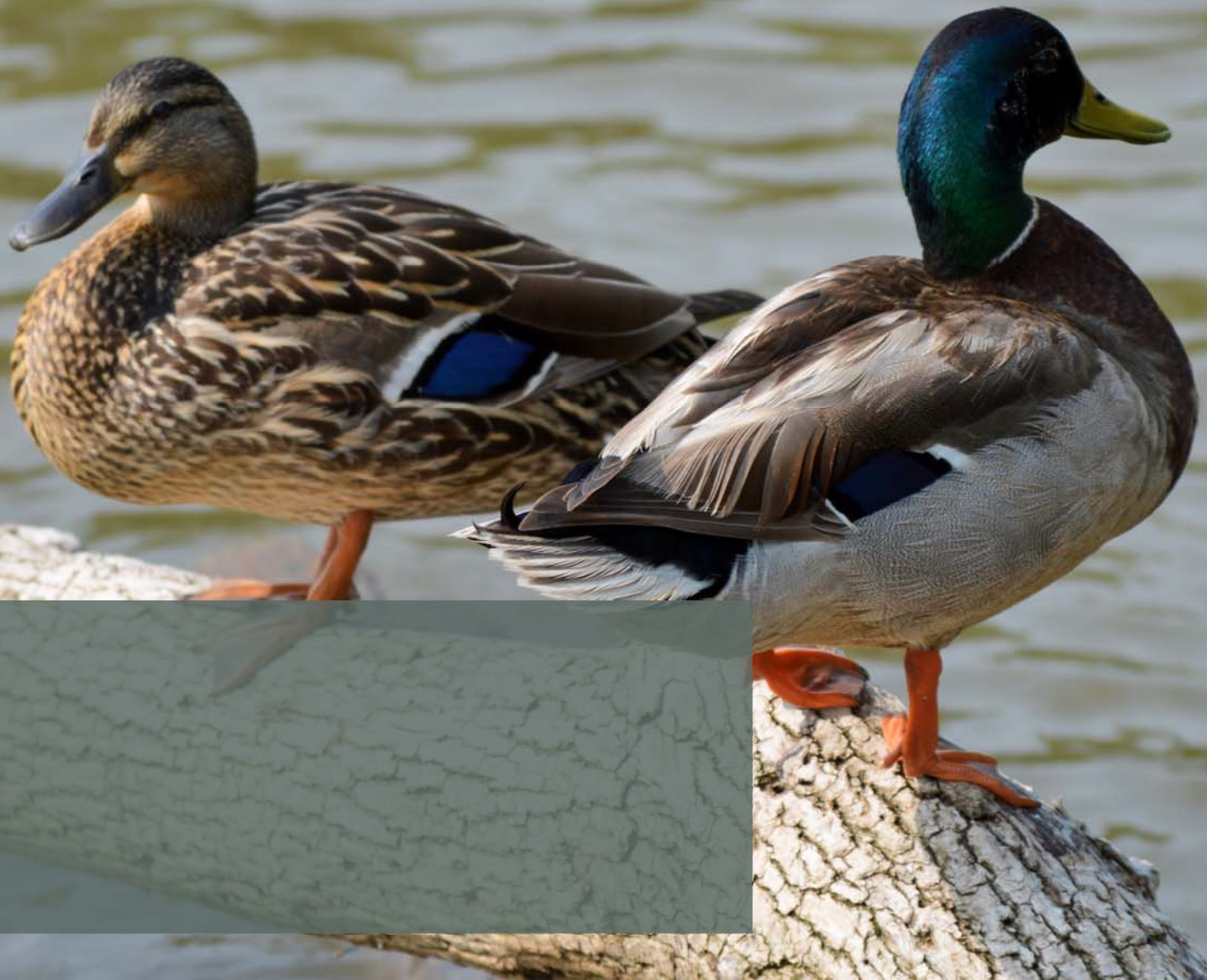
 Teams working together and design-build experience 

# Technical and Price Weighting for Request for Proposals

## Step 2



Proposal Payment provided to unsuccessful Shortlisted Teams that submit responsive proposals



# Next Steps

Caitlin Feehan

# Takeaways and Next Steps from Tonight's Meeting

## Information Sharing

- **FONSI** Anticipated August 2019\*
- **Procurement Process** Sharing
- **Tunnel Dewatering Pumping Station DSUP** City Planning Commission Meeting Sept. 3<sup>rd</sup>
- **Tunnel Dewatering Pumping Station DSUP** City Council Public Hearing September 14<sup>th</sup>

## SAG Member Next Steps

- **Input requested** on community outreach approach through February 2020
- **Input requested** on future SAG meeting topics
- **Community Pulse** – inform RiverRenew team of what you're hearing from your networks and assigned areas in the community

## Upcoming RiverRenew SAG Meeting

- **Will break for August**
- **To Be Determined** – Expected late September/early October
- **SAG** originally established to last through January

\*Dependent on NPS Schedule

# Public Comment Period

