



# Item C-1 WRF Design-Build Contract Approval

Morro Bay, CA  
October 23, 2018

# Recommendations



- **Take Action:** Award a contract to the Filanc/Black & Veatch team for design and construction of the new water reclamation facility (WRF) and authorize the Mayor to execute an agreement in the amount of \$67,234,512



# Design-Build Procurement

# Design-Build multi-stage procurement

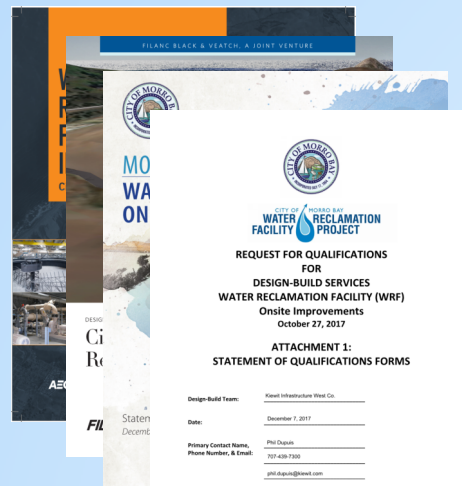


## Expression of Interest/ Pre-SOQ Meeting



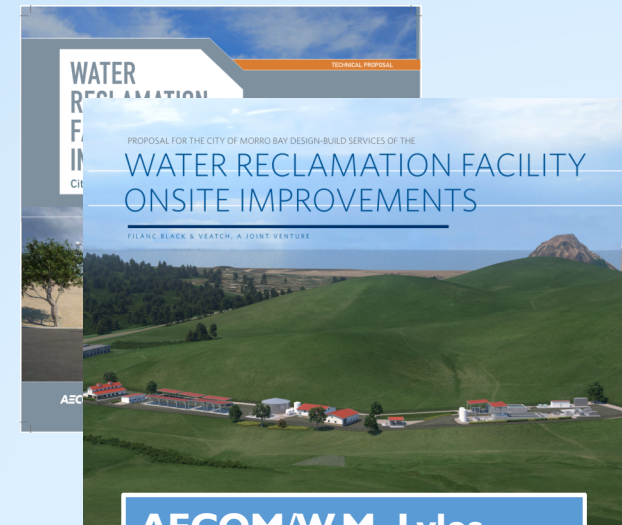
**AECOM/W.M. Lyles  
CDM Smith/CDM Constructors  
Walsh  
Flatiron/Stantec  
Kiewit/Tetra Tech  
Filanc/Black & Veatch**

## Statements of Qualification



**AECOM/W.M. Lyles  
Filanc/Black & Veatch  
Parsons/Sundt  
Kiewit/Tetra Tech**

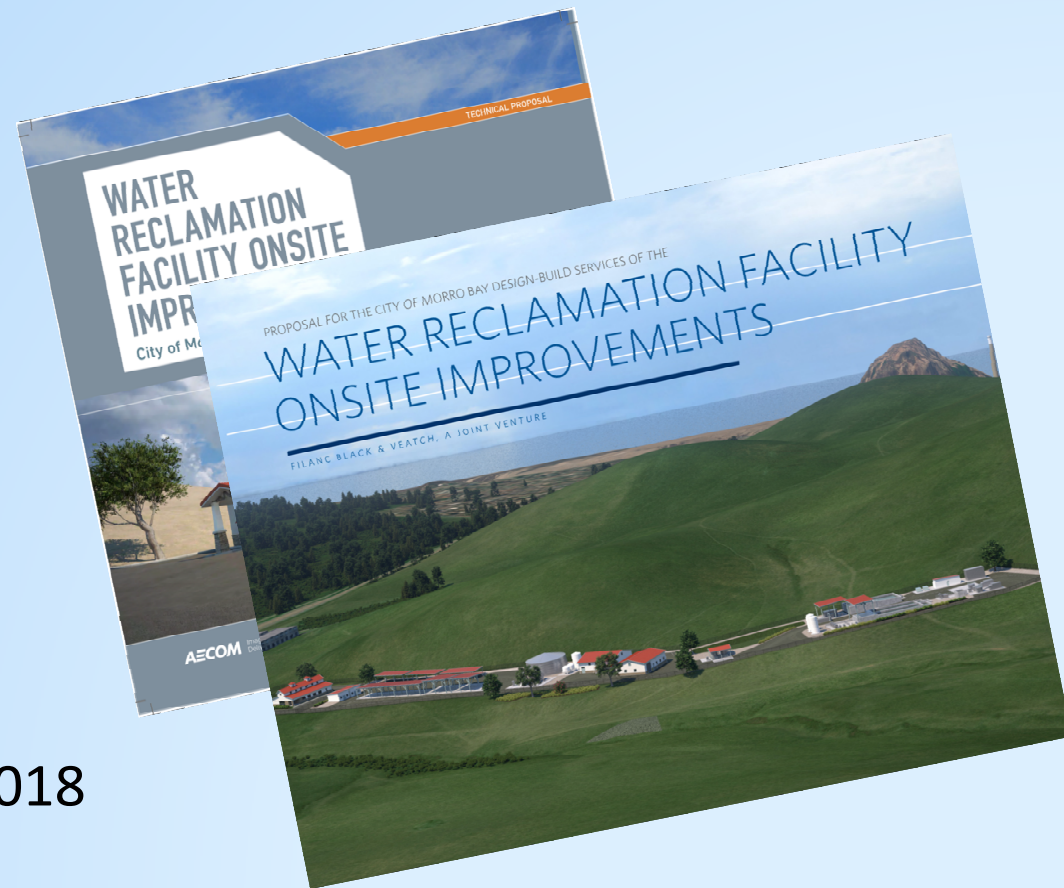
## Proposals



**AECOM/W.M. Lyles  
Filanc/Black & Veatch**

# Design-Build proposals

- Request for Proposals
  - Content
    - Background technical information
    - Project scope of work
    - Project technical requirements
    - Proposal submittal requirements
    - Proposal evaluation criteria and selection process
- Issued January 24, 2018
- Voluntary proprietary meetings (maximum of two [2])
- Two (2) proposals received May 8, 2018



# Design-Build evaluation process

- Proposal evaluation process
  - In accordance with RFP
  - Preparation of a single evaluation form for the team
  - 1.5-hour interviews with each team
  - Points for cost allocated based on ratio
  - Working session to discuss proposals and interviews
- Evaluation team
  - WRFCAC WRF Subcommittee
  - City staff
  - Program Manager technical staff

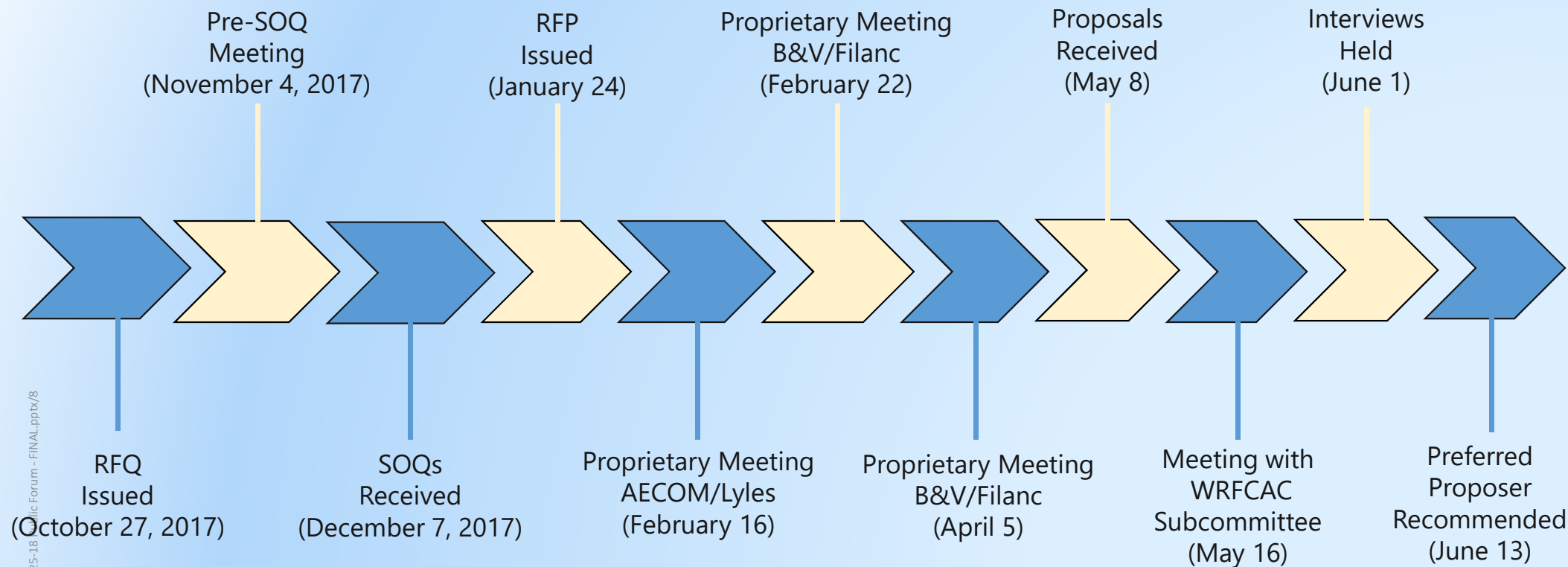


# Design-Build evaluation criteria



Evaluation Criterion	Black & Veatch/ Filanc	AECOM/ WM Lyles
Management Approach	3	1
Quality Assurance / Quality Control	1	1
Schedule and Cost Control	4	2
Team/City Collaboration and Integration	3	1
Design Development and Management	3	1
Project Sequencing and Scheduling	4	2
Proposed Design / Performance Guarantees	15	14
Price Proposal and Life-Cycle Cost	60	57
<b>Total Score</b>	<b>93</b>	<b>79</b>

# Design-Build procurement timeline





# Design-Build Contract Negotiations

# Design-Build contract negotiations



## Design-Build Agreement

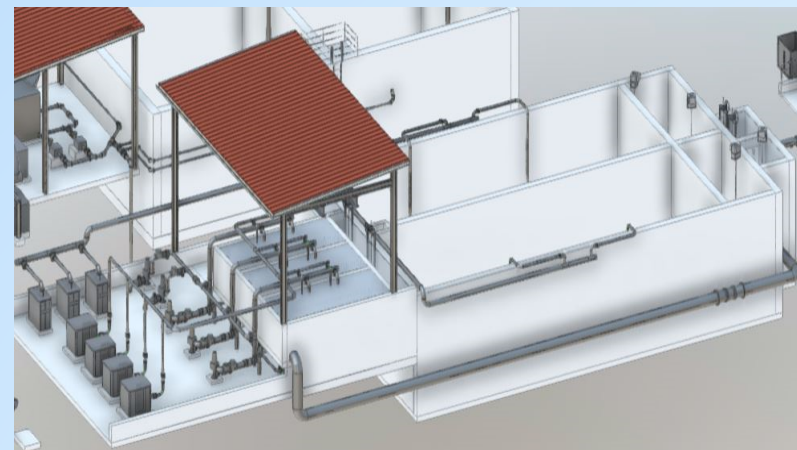
City of Morro Bay, California

Water Reclamation Facility Design-Build Project  
\_\_\_\_\_, 2018

## Contractual

01181.0001.012629.1  
DB Agreement 11 Oct 2018

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## Technical

- Workshops (August 21<sup>st</sup>/22<sup>nd</sup>)
- Vetting equipment manufacturers

# Design-Build next steps

- Contract award (October 23, 2018)
- Issue design notice to proceed (November 01, 2018)
- Design phase
  - 30% Submittal (January 2019)
  - 60% Submittal (July 2019)
  - 90% Submittal (November 2019)
- Issue construction notice to proceed (July 2019)
- Substantial completion (August 2021)
- Final completion (October 2021)
- Contract completion (March 2022)

# Recommendations

- **Take Action:** Award a contract to the Filanc/Black & Veatch team for design and construction of the new water reclamation facility (WRF) and authorize the Mayor to execute an agreement in the amount of \$67,234,512



# Questions and Discussion

# Bullpen

# Design-Build procurement



- Multi-stage selection process
- Request for Qualifications
  - Issued October 27, 2017
  - Mandatory pre-SOQ meeting
  - Four (4) statements of qualification received on December 7, 2017
    - AECOM/W.M. Lyles
    - Filanc/Black & Veatch
    - Sundt/Parsons
    - Kiewit/Tetra Tech
  - All firms short-listed

# Design-Build procurement



Evaluation Criterion	Weighting
<b>Technical Approach</b>	<b>40</b>
Management Approach	3
Quality Assurance / Quality Control	3
Schedule and Cost Control	4
Team/City Collaboration and Integration	3
Design Development and Management	3
Project Sequencing and Scheduling	4
Proposed Design / Performance Guarantees	20
<b>Price Proposal and Life-Cycle Cost</b>	<b>60</b>
<b>Total Score</b>	<b>100</b>

# Design-Build procurement

- Key differentiators of the selected team:
  - Cohesive and balanced team among design and construction
  - Early project completion (approximately 6 months)
  - Thoughtful, effective approach to project sequencing
  - Conducted thorough due diligence for cost certainty
  - Focused on co-location of design-build team in City
  - Incorporated City's ideas from one-on-one meetings
  - High level of design detail provided
  - Better process design for operations
  - Better design for short- and long-term flexibility
  - Innovative design solution for peak flows

# Design-Build negotiations

- How has the cost changed since proposals were received?
  - Proposal = \$67,234,512
  - Contract = \$67,234,512
- Project will undergo continuous value engineering