

Central Reservoir Replacement

RFP No. 551-24-01

Pre-Proposal Virtual Meeting



March 19, 2024

EBMUD Team Here Today



Roya Yazdani
Design PM



Bill Maggiore
Planning Support



Kyle Peterson
Geotech Support



Carlynn Wooten
Contract Equity Office



Sun Kwong Sze
Community Rep

A graphic on the left side of the slide consists of four concentric, semi-circular arcs in a medium blue color, all starting from the left edge and curving towards the right. These arcs are positioned to the left of the agenda items, with the innermost arc aligned with 'Q&A' and the outermost arc aligned with 'Project Overview & Background'.

Project Overview & Background

Scope of Work

Key Technical Memoranda

Schedule

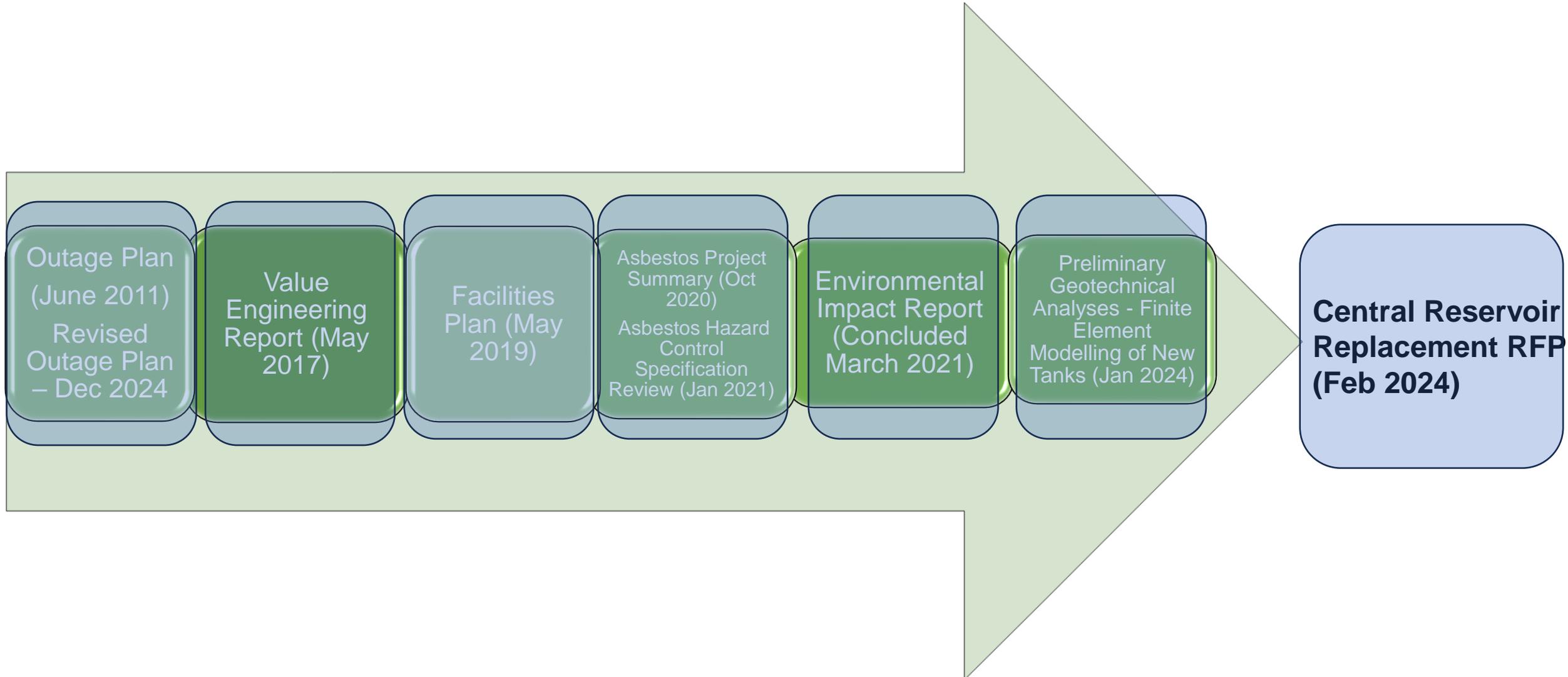
Contracting Equity Program

Q&A

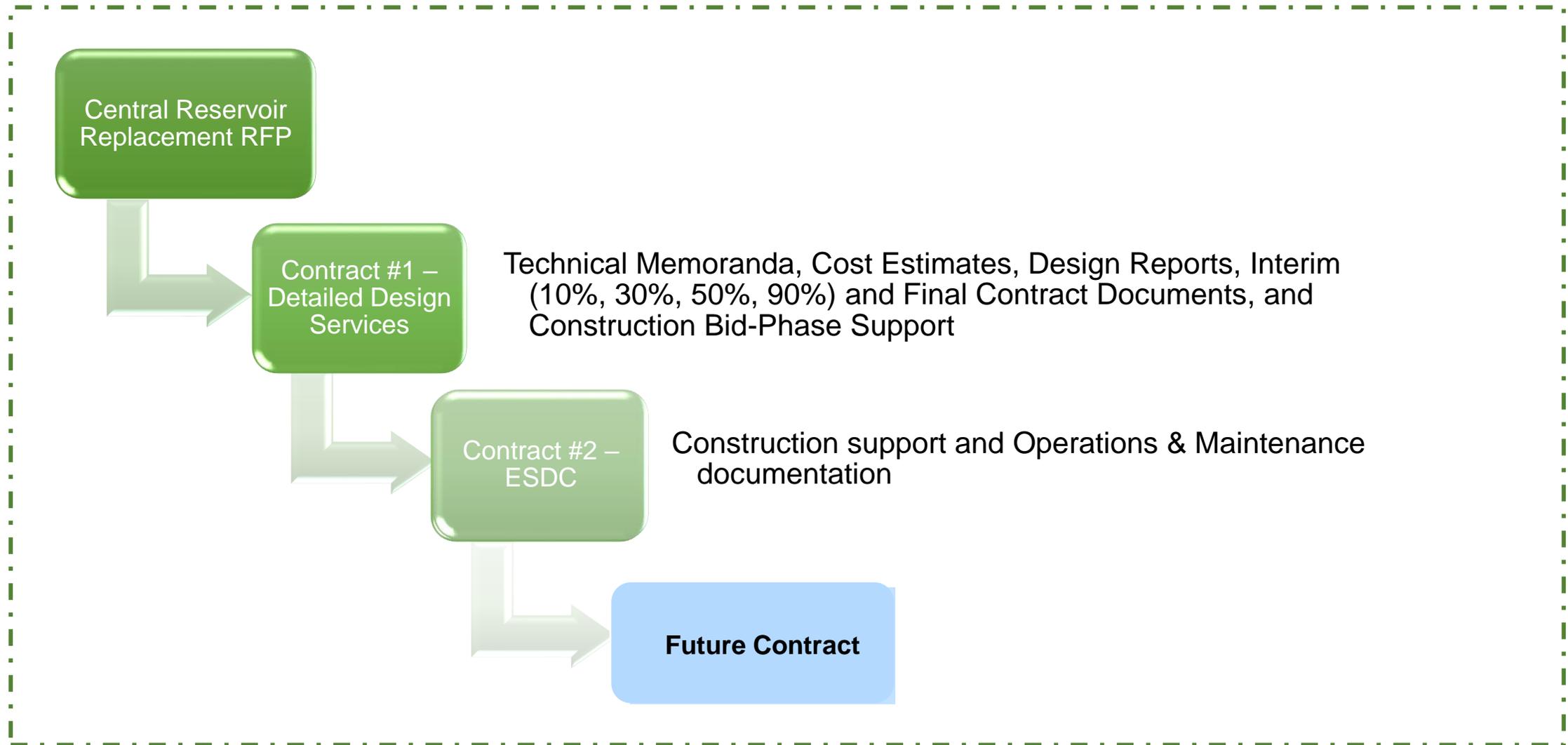
Project Overview and Background



Progress During Planning Phase



Design Services Contracting Approach

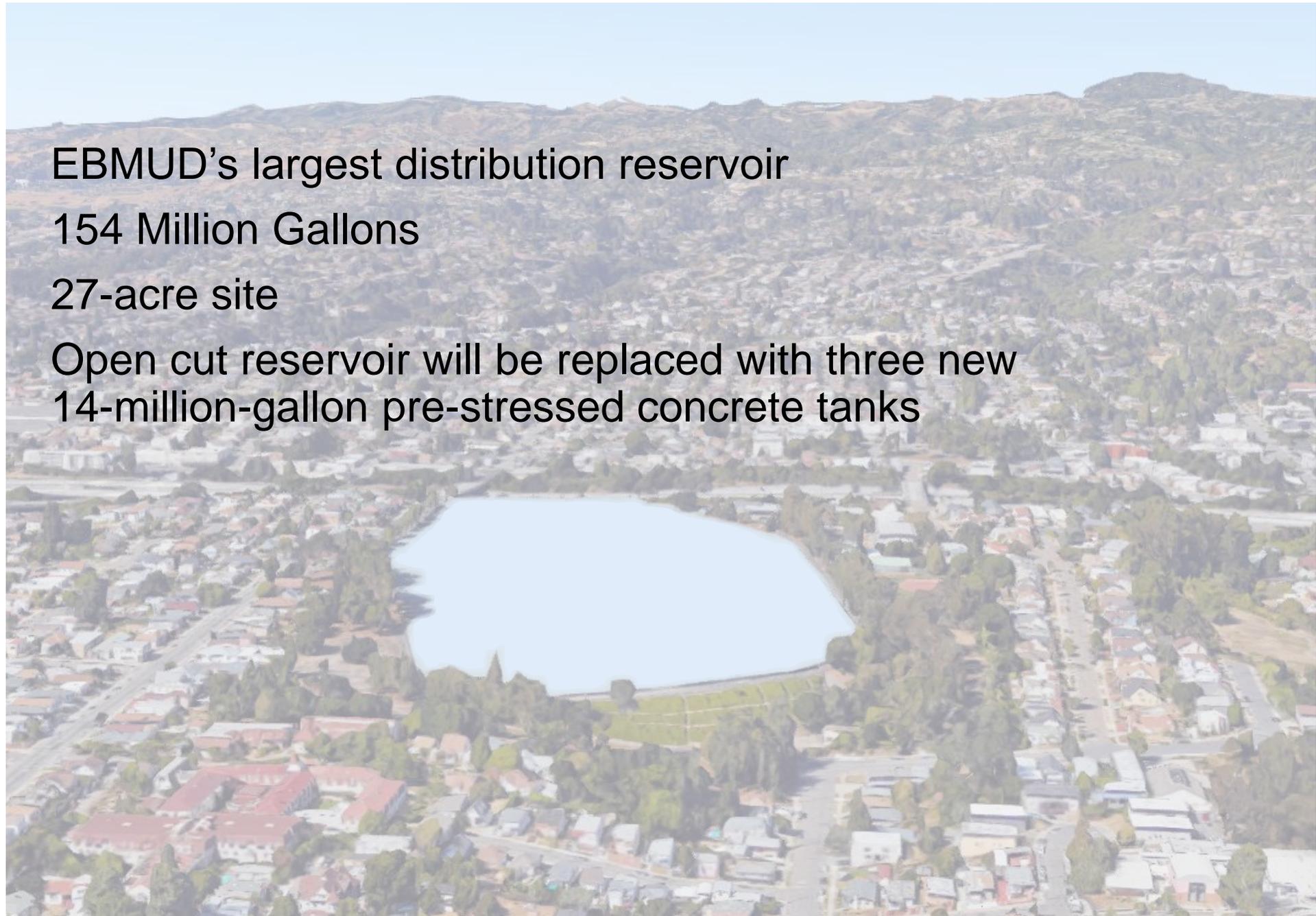


EBMUD's largest distribution reservoir

154 Million Gallons

27-acre site

Open cut reservoir will be replaced with three new
14-million-gallon pre-stressed concrete tanks



Central Reservoir Modifications

Constructed in 1910

New auxiliary dam to the north constructed in 1961

Floor covered with panelcraft in 1961

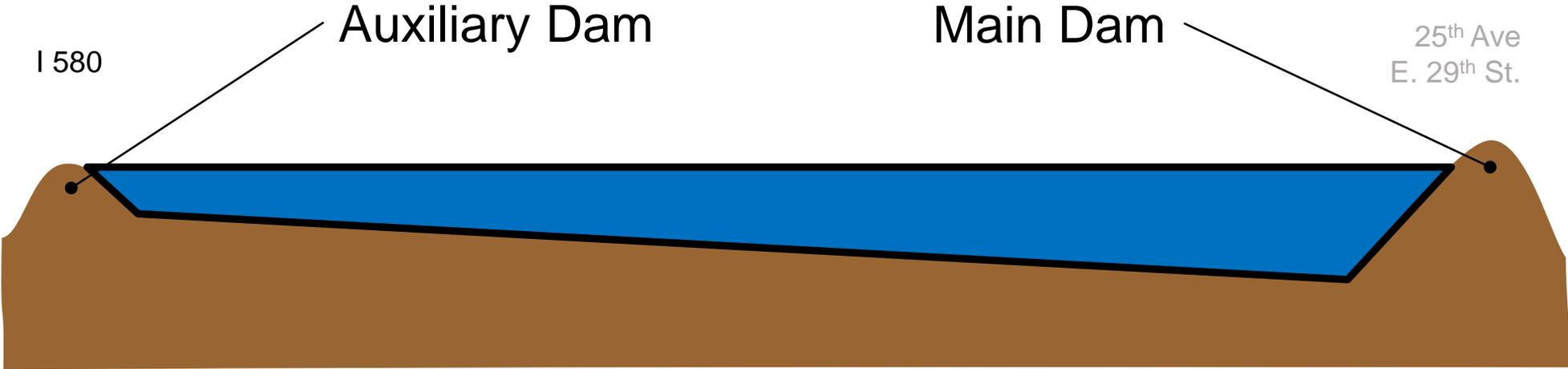
Roof system installed in 1961

Encapsulated roof in 2004





Existing Cross Section of Central Reservoir



Why are we Replacing the Reservoir?



- The reservoir has reached the end of its useful life
- Improve operational flexibility
- Resize to meet existing & future demands
- Raise the reservoir to improve water distribution system

Scope of Work

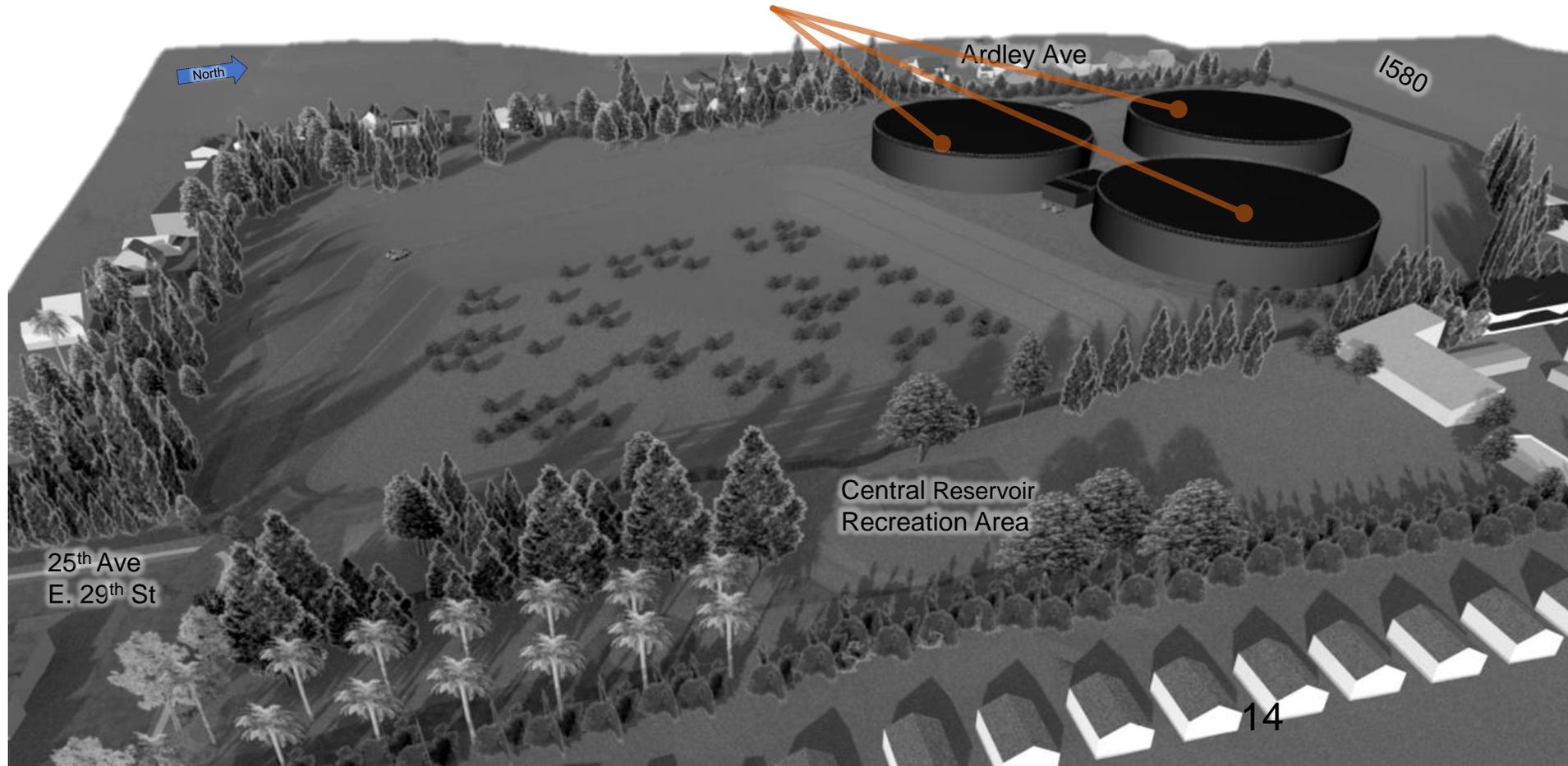


Final Site Plan

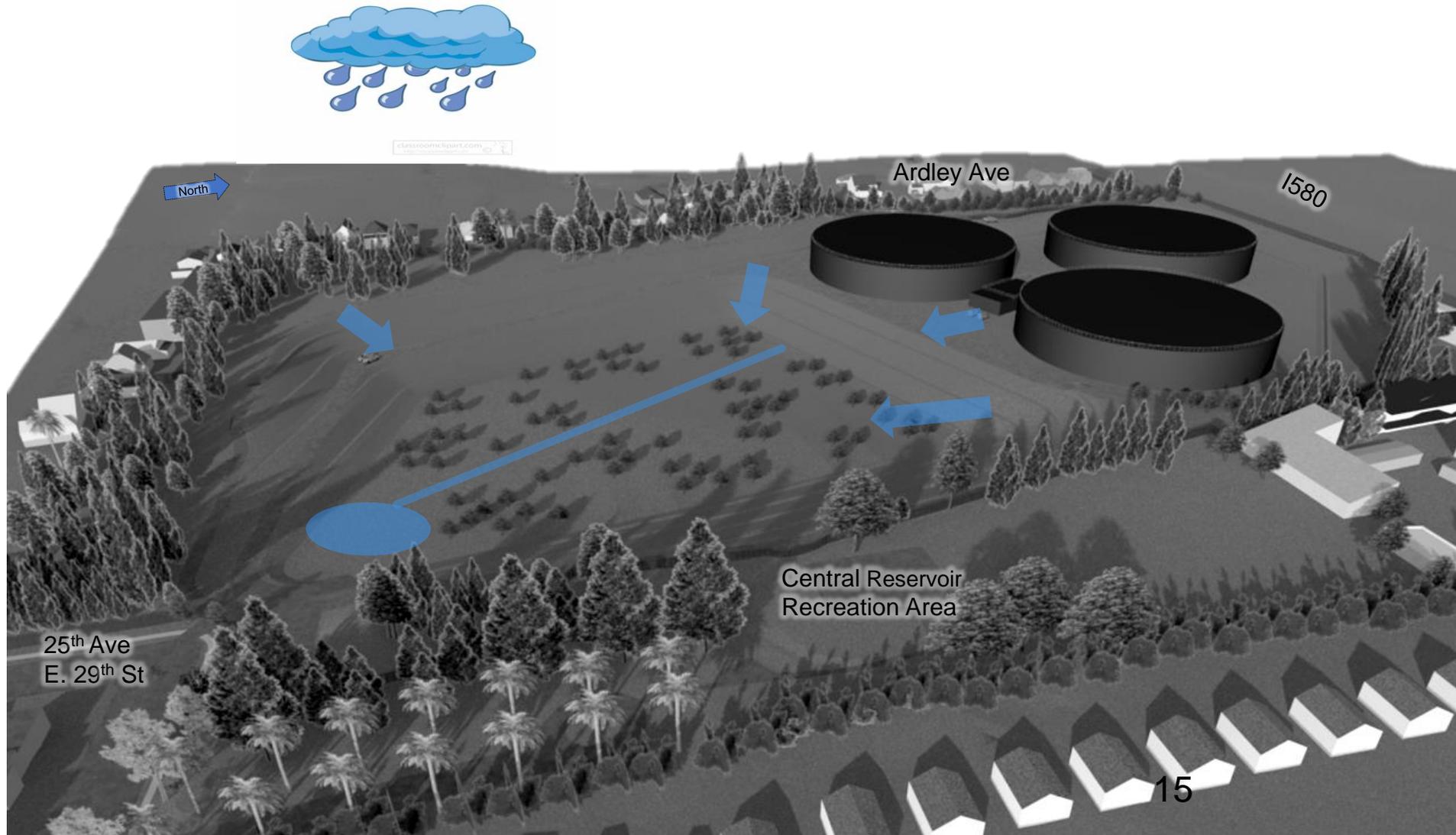


Conceptual Site Plan

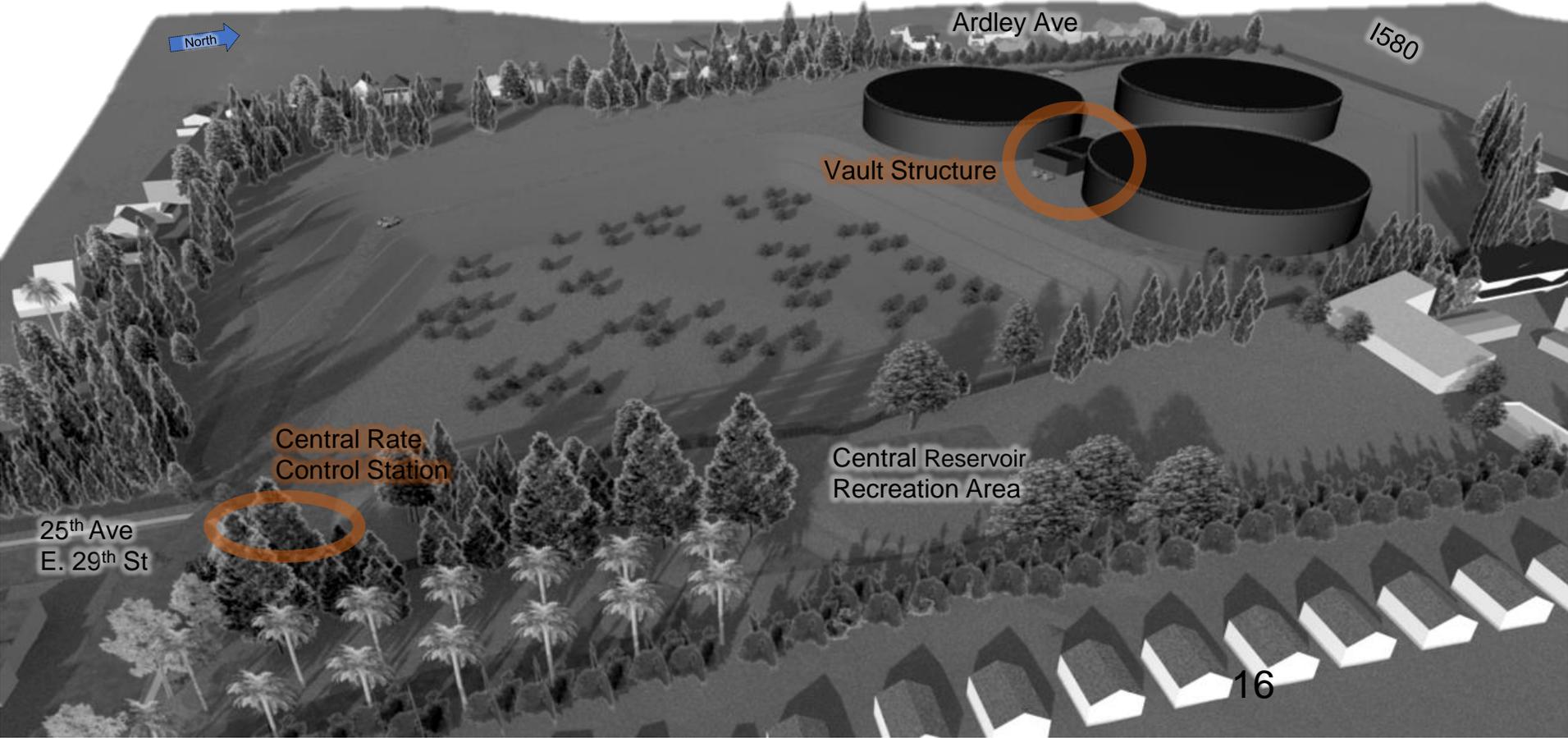
Three Tanks



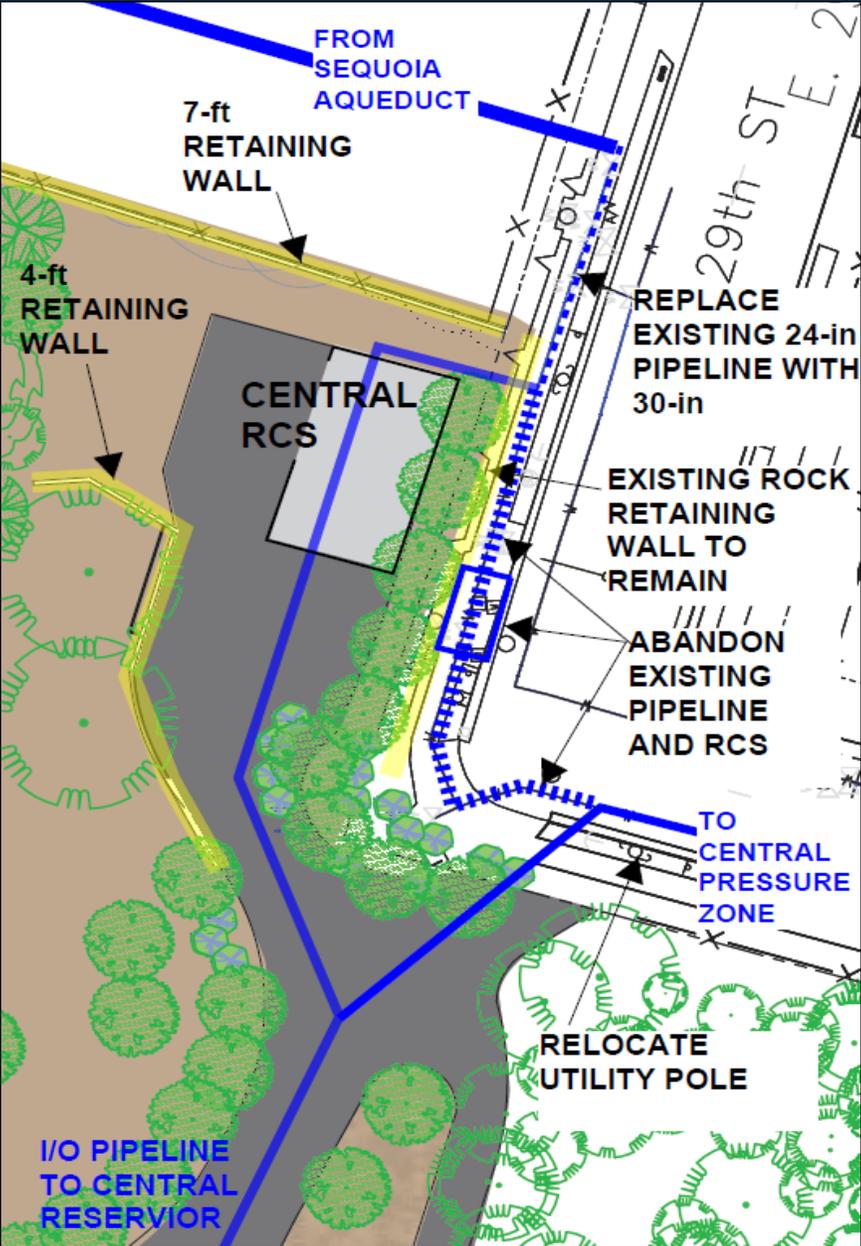
Conceptual Site Plan



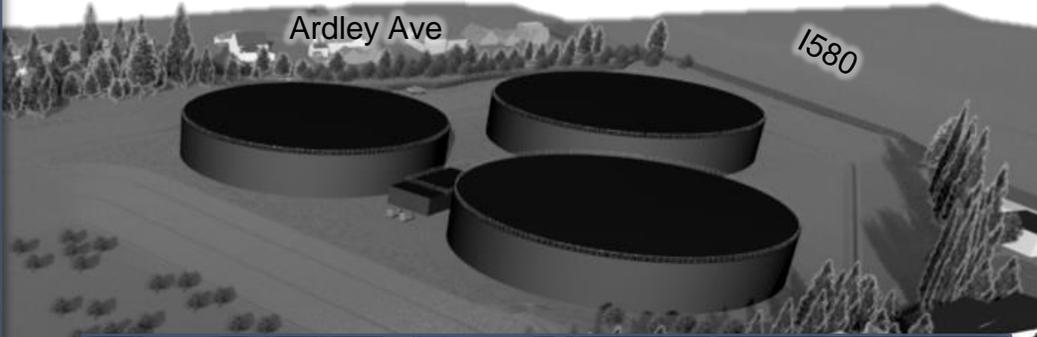
Conceptual Site Plan



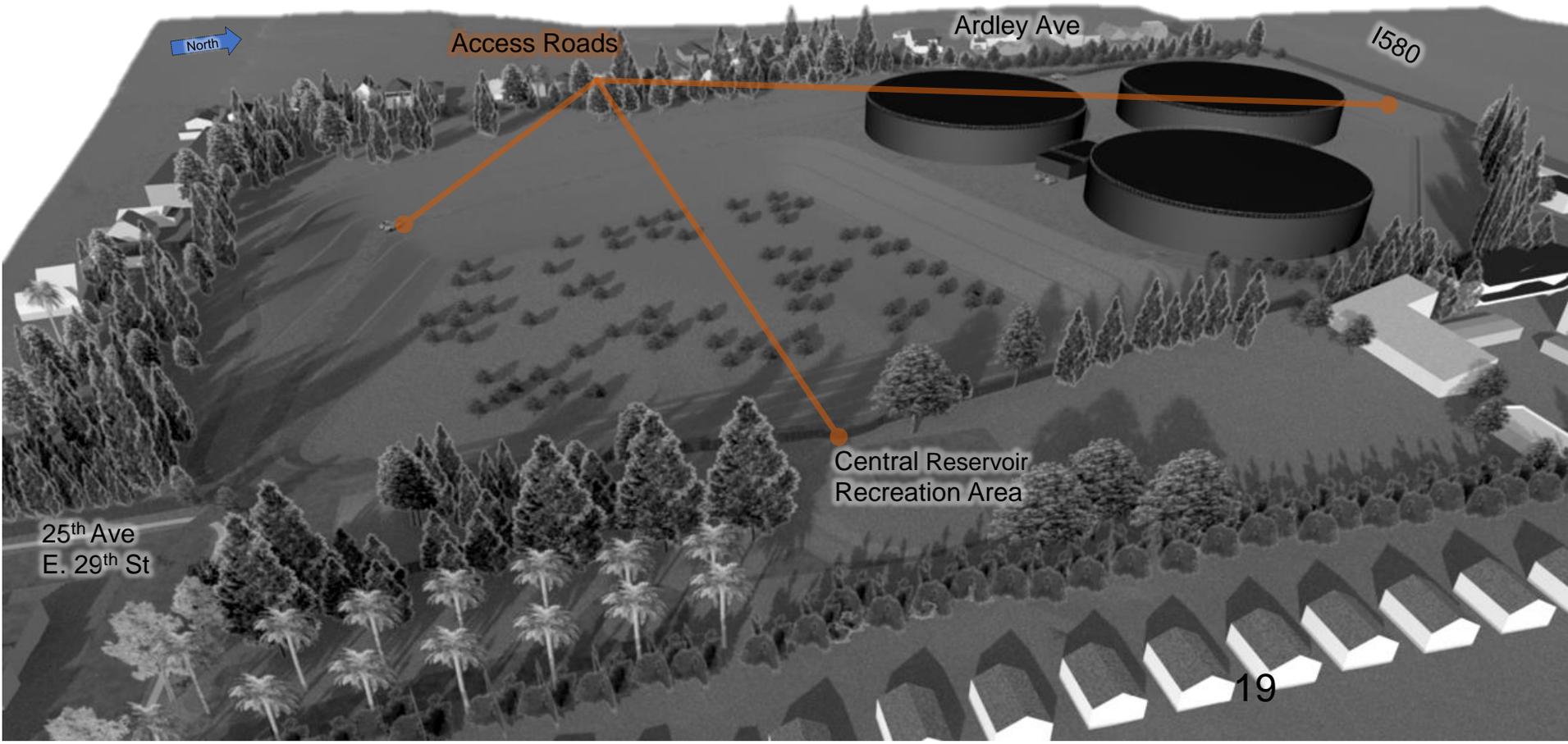
Central RCS



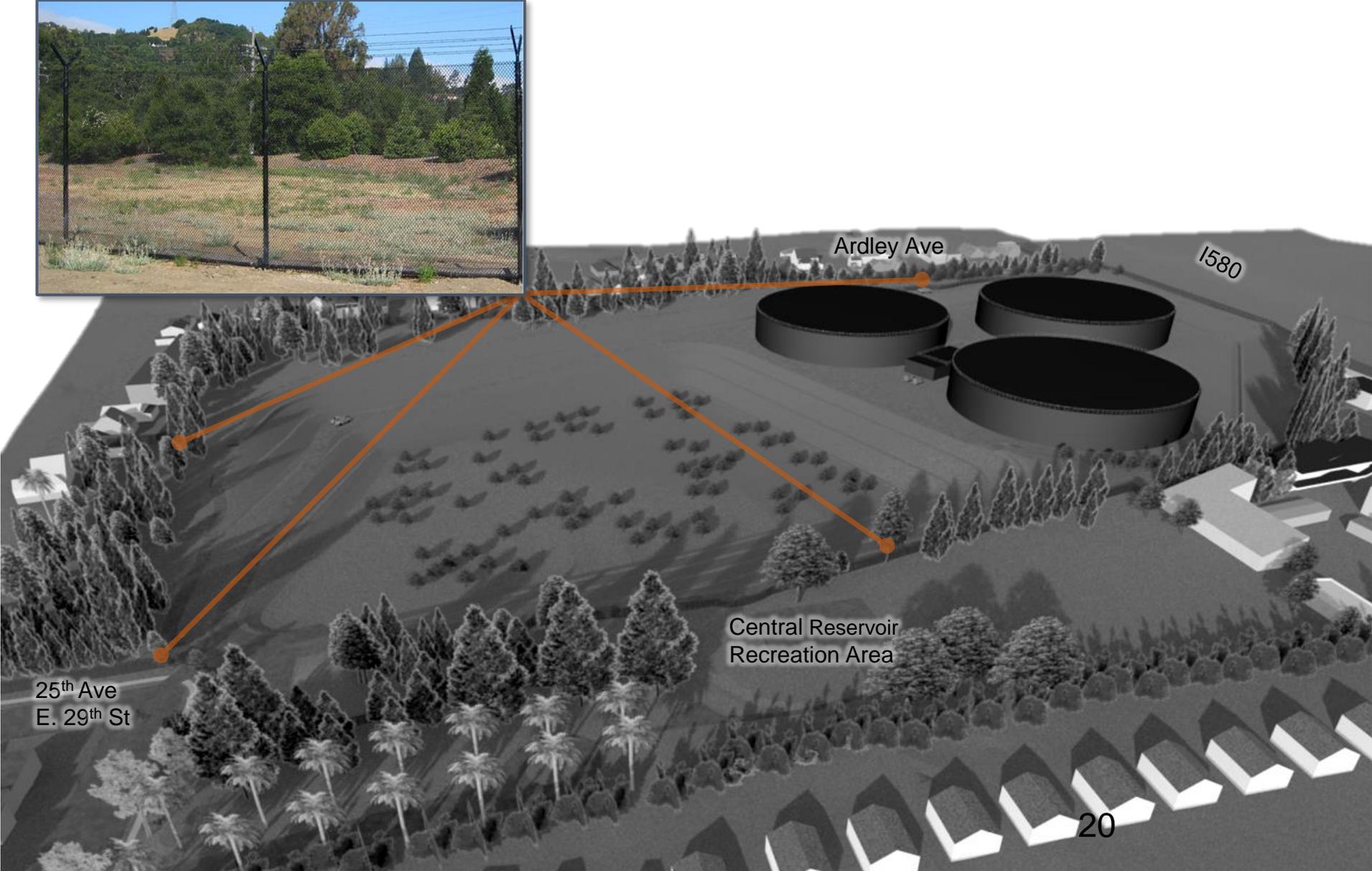
Conceptual Site Plan



Conceptual Site Plan



Conceptual Site Plan



Key Technical Memoranda



17 Technical Memoranda



Design Criteria (prior to 10%)	Project Delivery Evaluation and Recommendation (prior to 10%)	Feasibility Study for Early Construction of Visual Berms and Landscaping Sequencing (prior to 10%)
Transite Roof Removal Feasibility Assessment (prior to 10%)	Mitigation Measures (prior to 10%)	Demolition of Existing Reservoir (prior to 10%)
Conceptual Substructure Design (prior to 10%)	Site Plan (prior to 10%)	PCI Study on Designated Haul Routes (prior to 10%)

2 prior to 30% Design
2 prior to 50% Design
4 prior to 90% Design

Detailed Substructure Design (prior to 30%)	RDS Driveway Construction (prior to 30%)	Bench-scale Laboratory Testing of Lime/Cement-treated Soil (prior to 50%)
Contractor Prequalification (prior to 90%)	Post-construction Tank Inspection, Maintenance, and Repairs (prior to 90%)	Bench-scale Laboratory Testing of CDSM Design (prior to 50%)
On-site Soil Sampling and Testing of Hazardous Materials (prior to 90%)	Concrete Mixture Design (prior to 90%)	

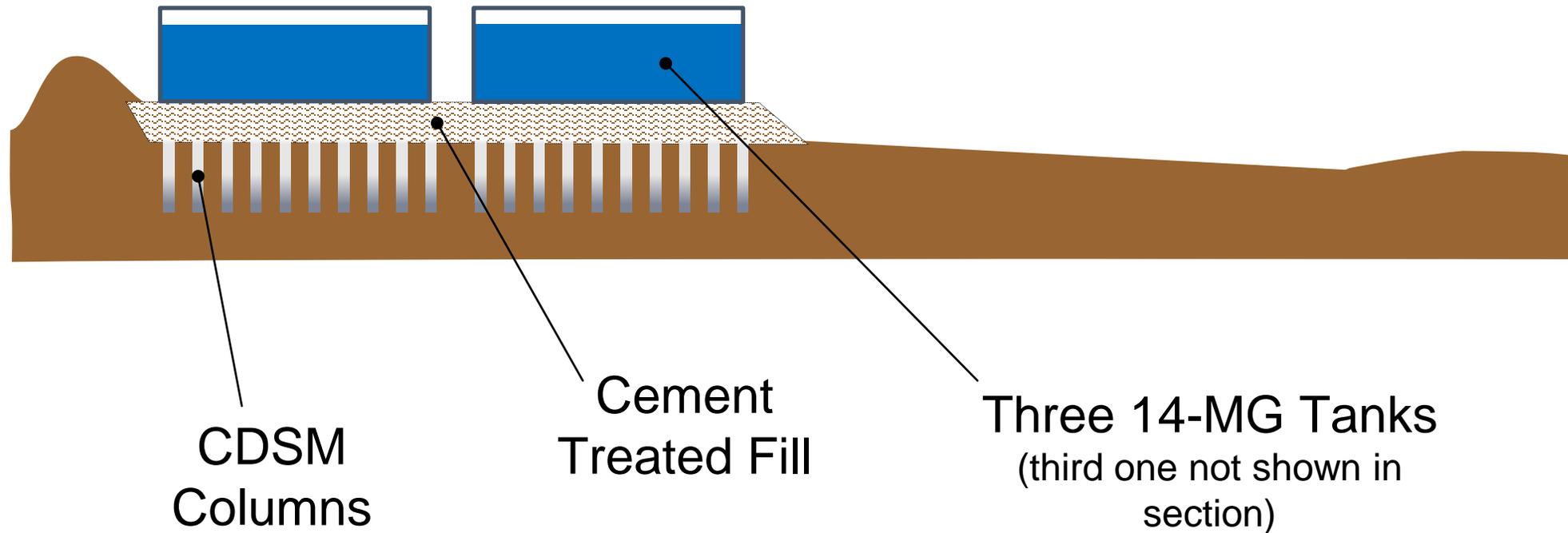
9 prior to 10% Design

- Develop the final site plan required to meet performance objectives of the tanks while minimizing the amount of soil required for import or export to conform to the site balance requirements stated in the EBMUD documents.

- Key Site Grading Objectives
 - The site grading and new fill-pad should be designed to conform to the requirements stated in EIR documents, which require the Earthwork to be cut and fill to be balanced.

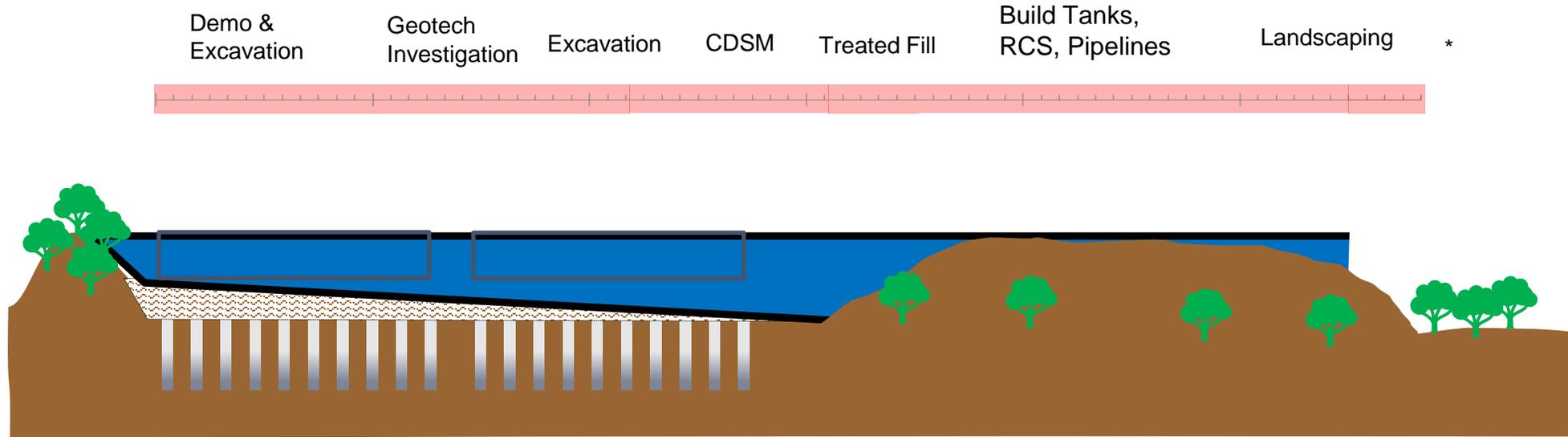
 - Utilize berm elevations from the EIR to ensure proper screening of the tanks.

Lay out the proposed approach and methodology for the substructure design



- A key consideration will be to determine when and how additional geotechnical subsurface investigations can be performed.
 - Alternative 1: Preparation of two separate sets of bid documents and construction contracts.
 - Alternative 2: Preparation of one set of bid documents and a single construction contract.
 - Additional alternatives
- The cost for each construction contract is a decisive factor in selecting the preferred alternative.

Alternative 1: Two Construction Contracts



* The bars do not represent a specific timeframe

- Hazardous Materials
Asbestos, PCBs, Lead paint, treated wood
- Conduct a Feasibility Assessment to determine viable options regarding the removal of the asbestos-containing transite roof.



Example of asbestos panel removal

- If the feasibility study indicates a need, proceed with a pilot study to confirm the practical implementation of the selected removal approach which may involve removing a small test section of the roof under full containment and negative air filtration.

Concrete Mixture Design (prior to 90%)

- Develop concrete mixture designs to be used on the reservoir structure.
- The Consultant will be the Engineer of Record for the tank design.



Redwood Day School Driveway Construction (prior to 30%)



- EBMUD will lease a strip of property to the School
- Must be approved by City of Oakland
- RDS conducts operational and safety analysis
- EBMUD design will accommodate the space
- For the driveway



Schedule



Schedule



EVENT	DATE/LOCATION
RFP Issued	February 26, 2024
Site Walk	March 12, 2024 at 9 a.m.
Virtual Pre-Proposal Meeting	March 19 at 2 p.m.
Response Due	April 22, 2024 by 4:00 p.m. PDT
Proposer Team Interviews	Week of April 29, 2024 EBMUD Administration Building 375 11th Street, Oakland, CA
Anticipated Consultant Selection	May 6, 2024
Contract Negotiation with Selected Team	May 6 – June 6, 2024
Anticipated Contract #1 Award Date	June 25, 2024
Estimated Contract #1 Duration	36 months

Contracting Equity Program



Availability Group	Objective
White Men	25%
White Women	6%
Ethnic Minority (Men & Women)	25%

We encourage participation:

- Small Business Enterprises
- Local Business Enterprises
- Disabled Veteran Enterprises
- Women-Owned Enterprises
- Minority-Owned Enterprises

Required CEP Forms:

- P-025
- P-040

CEP Office Contact:

- (510) 287-0114
- Wooten, Carlynn:
Carlynn.wooten@ebmud.com

1. “Contract Equity Program requirements as they apply to the evaluation of proposers for the Project.
 - a. Referring to RFP Section III.B, Evaluation Criteria, particularly Item H. in the Evaluation Criteria table: as it relates to the Contract Equity Program, the evaluation of proposals would include preference points for SBE/DVBE. However, there is no mention whether the evaluation will also include any scoring related to compliance with the District’s contracting objectives which address the minimum level of expected contract participation for the three availability groups: white-men owned businesses, white-women owned businesses, and ethnic minority owned businesses. Question – is compliance with the District’s contracting objectives part of the proposer selection / evaluation?
 - b. Under Required Documentation and Submittals, Item 13 – Contract Equity Program (Exhibit A, Page 8), emphasis is placed on submitting Form P-025, and we believe Form P-040 also gets submitted, but there is not any mention of performing the good faith outreach efforts that otherwise get documented in Form P-041. Is the District expecting that the good faith outreach will be performed and documented as part of responding to this RFP?

2. Will SBE/DVBE points be awarded for subconsultant participation? If so, are they prorated by the percent given to the sub? For example, if an SBE/DVBE sub is given 10% of the work, would that team get $(10\%)*(10 \text{ points}) = 1 \text{ point?}$ ”

Q&A

Submit questions in the chat or e-mail questions to:

CentralReservoirReplacement@ebmud.com;
cc Roya.Yazdani@ebmud.com

Questions & answers will be posted as an addendum



**FLOWING
INTO
THE
FUTURE**

1. “Section 4 - Key Personnel, is limited to 2 pages, comprised of an organizational chart and a list of all key personnel, with 2-page resumes provided for all key personnel thereafter. Do you want resumes for all staff listed on our org chart or only those we designate as “key”?”
2. We understand that 11x17 pages are acceptable and are counted as one-page, is that correct?
3. Task 3.2 will determine the phasing for design and construction which will impact the consultant design fee and schedule. For example, Task 9 - Bid and Award Support services would increase if we had two separate packages to bid as opposed to one. Would you like us to provide a proposed design fee and schedule for the alternative that we would recommend, or both?
4. Will SBE/DVBE points be awarded for subconsultant participation? If so, are they prorated by the percent given to the sub? For example, if an SBE/DVBE sub is given 10% of the work, would that team get $(10\%)*(10 \text{ points}) = 1 \text{ point}$?
5. Please confirm that the RDS Access Driveway design is to be completed by others. Has the design already been completed?
6. Contract Equity Program requirements as they apply to the evaluation of proposers for the Project.
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7. Required Documentation and Submittals / Proposal Format Questions.
 - a. For the response to 4. Key Personnel, can the project team organizational chart be sized as 11” 17” landscape?
 - b. For the response to Item 4 (e), ...”the person’s relevant experience, certifications, and/or merits (maximum 2 pages per person)....” we believe you are actually referring to submitting each persons’ 2-page resume which can be attached and don’t apply to the page count – is this correct?
 - c. We understand that the “key personnel” need to be included on a “list of personnel” but that, at our choosing, the org chart may also include non-key personnel for which resumes could also be submitted – is this correct?
 - d. Please confirm that the District intends for us to submit both printed hard copies of the proposal documents and electronic files (PDF).
 - e. If printed hard copies are confirmed to be required, can we include tabs to divide sections?
 - f. When is the electronic submittal due (i.e. date and time)?”

8. “Exhibit A, RFP Response Package (PDF p. 54). We believe this is Exhibit A, but the footer reads as “Exhibit 1” for pages 1 – 5.
 - a. Exhibit A, Proposer Information and Acceptance, “.....Does proposer or any employee/representative/service provider have any relatives currently employed with EBMUD?.....” Is the question meant to apply to any of our employees or subs’ employees that are identified to work on the project, or to all employees or subs’ employees companywide?
9. Where exactly is the asbestos in the roof?
10. Have you had security issues here?
11. As contractors, how can we keep track of the design progress?

13. Is there a specific manner in which the level of effort table should be formatted? Item 8 - Level of Effort on Page 7 of Exhibit A calls for a table with hours and rates for all staff for each task. However, Exhibit C (the Sample Agreement) shows 2 tables (i.e., Exhibit 2-1 and Exhibit 2-2) to be included, where Exhibit 2-1 is for the cost distribution and Exhibit 2-2 is for the labor distribution. Should we be providing just one table with the hours and rates per Exhibit A or the 2 tables that are described in Exhibit C?

14. For subconsultants, do we list each subconsultant staff person working on the project in this table with their hours or just one column for each sub with the total firm hours per task?

15. Are approximate expenses being requested? For example, there will be a subcontractor who would perform geotechnical field exploration and that is usually treated as a total cost rather than broken down into labor hours. Also, since the final geotechnical field scope won’t be determined until after Task 3.2, it is acceptable to include only an estimated amount at this time, subject to later revision?”