REQUEST FOR QUALIFICATIONS

SAN ANSELMO FLOOD RISK REDUCTION PROJECT

RFQ Orientation Conference
Friday April 17 @10 am

• AGENDA
  o Project Overview
  o Tentative Project Schedule
  o RFQ process and schedule
  o Questions
San Anselmo Flood Risk Reduction Project

Flood Diversion Basin @ 3000 SFD Blvd-Fairfax

Removal of Building at 634 San Anselmo Avenue and Creek enhancement
Nursery Flood Diversion and Storage Basin- PART I

- **Upland excavation and grading**

- **A. Flow Diversion and Overflow Structure**: Concrete diversion structure with gated opening(s) required to immediately reduce flow passing downstream by partially closing the opening(s) and allowing water to begin filling the basin. The exact dimensions and configuration of the gated opening(s) would be developed during final design to support sediment transport.

- **B. Spillway**: The 225-foot elevation spillway passes the 1,000-year flood with maximum basin water surface elevation at 236.5 feet.

- **C. Gated Opening**: Gate closed to reduce Fairfax Creek flows when overbank flooding is imminent in downstream vulnerable areas.

- **D. Venturi Opening**: Always open for normal creek flows, sediment transport, and fish and wildlife movement.

- **E. East Levee**: 228-foot elevation levee is 1.5 feet higher than maximum basin water surface elevation.

- **F. Side-Weir**: Fairfax Creek flows into basin over 228-foot elevation weir segment in perimeter road.

- **G. Basin Floor**: Slopes from 226.0 feet at northwest corner to 223.8 at southwest corner.

- **H. Basin Drain**: Open 223.8-foot inlet in northeast corner of basin draining to outlet at Fairfax Creek.

- **I. Operations and Maintenance Vehicle Access**: Existing or improved driveway bridge and diversion structure.

- **J. Perimeter Road**: 15-foot-wide and 1.5 feet above the maximum water surface elevation.

- **K. West Levee**: 228-foot fill levee top elevation contains temporary peak volume storage under detention operations.

- **L. West Gate**: Locked vehicle access gate through fence.

- **M. Deer Creek Court Stormwater Drains and Rip-Rap Energy Dissipation Structure**: Ensures gravity drainage from Deer Creek 0 Cul-de-sac under potential maximum basin water surface elevation.

- **N. Floodwall/Road Barrier**: Floodwall prevent overflow onto roadway.

- **O. Perimeter Fence**: Securing fencing.

- **P. Setback – East**: 50 feet from toe of levee.

- **Q. Setback – West**: 50 feet from top of basin catch slope.

- **R. Rip-Rap Bank Protection**: Vegetated rip-rap and other biotechnical bank erosion protection and stabilization on banks Fairfax Creek for protecting habitat and biotopes from hydraulic and sediment transport and deposition dynamics during operations.
Nursery Detention Basin Excavation Profile
Nursery Diversion Basin PART II
Flood Storage and Diversion Basin Alternatives

Passive Basin

Basin with Diversion Structure
634-636 San Anselmo Avenue

Building Bridge 2: PART II
634-636 San Anselmo Avenue
634-636 San Anselmo Avenue- Concept Sketch
Building Bridge #2

Upstream end
Building Bridge #2

Downstream end (looking upstream)
## Construction timeline

<table>
<thead>
<tr>
<th>Part I</th>
<th>Plans and Specifications</th>
<th>Spring/summer 2020</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Construction</td>
<td>Summer and fall 2020</td>
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<tr>
<td>Part II</td>
<td>Plans and Specifications</td>
<td>Winter 2020/21</td>
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<tr>
<td></td>
<td>Construction</td>
<td>Summer and fall 2021</td>
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<tr>
<td>Part III (NOT INCLUDED AS A PART OF THIS RFQ)</td>
<td>Plans and Specifications</td>
<td>Spring 2020</td>
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<tr>
<td></td>
<td>Construction</td>
<td>Spring/Summer 2020</td>
</tr>
<tr>
<td>Part IV</td>
<td>Plans and Specifications</td>
<td>Winter 2020/21</td>
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<tr>
<td></td>
<td>Construction</td>
<td>Summer and fall 2021</td>
</tr>
</tbody>
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San Anselmo Flood risk Reduction Project

QUALIFICATIONS AND EXPERIENCE

• MAJOR FEATURES OF PROJECT PARTS
  o Earthwork
  o Concrete walls and flat work
  o Creek restoration and plantings
  o Electrical controls
  o Retaining wall strengthening

• 3 PARTS
  o Submit Qualifications for any/all Parts
# RFQ timeline

<table>
<thead>
<tr>
<th>Step</th>
<th>Date</th>
<th>Time</th>
<th>Method/Location</th>
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</thead>
<tbody>
<tr>
<td>3. Orientation Conference</td>
<td>4/17/20</td>
<td>10 am</td>
<td>Zoom or Skype Conference</td>
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<tr>
<td>4. Addendums</td>
<td></td>
<td></td>
<td>If Required District</td>
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<tr>
<td>5. All RFIs Due</td>
<td>4/23/20</td>
<td>1:00 p.m.</td>
<td>via e-mail to Hugh Davis</td>
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<tr>
<td>6. All SOQ Packages Due</td>
<td>5/1/20</td>
<td>5:00 p.m.</td>
<td>via email AND mailed</td>
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<td>7. Evaluate RFQ</td>
<td>5/4 to 5/8/20</td>
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<td>District</td>
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<tr>
<td>8. Issue Notices to Qualified General Contractors</td>
<td>5/13/20</td>
<td></td>
<td>District</td>
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Project Information & Updates

SAN ANSELMO FLOOD RISK REDUCTION PROJECT

Project Manager: Hugh Davis  hdavis@marincounty.org  415.473.4232

Project Page:


Link to Environmental Impact Report on Project Page