



Midpeninsula Regional  
Open Space District

R-17-36  
Meeting 17-08  
March 22, 2017

## AGENDA ITEM 10

### AGENDA ITEM

Award of Contract with HydroScience Engineers, for the preparation of construction documents, construction bid process support, and construction oversight for the Fire and Potable Water System Project at Bear Creek Redwoods Open Space Preserve

### GENERAL MANAGER'S RECOMMENDATIONS

1. Authorize the General Manager to enter into a multi-year professional services contract with HydroScience Engineers, to prepare construction documents, support the construction bid process, and provide technical construction oversight for the Fire and Potable Water System Project at Bear Creek Redwoods Open Space Preserve for a not-to-exceed amount of \$138,370.
2. Authorize a 15% contingency of \$20,756 to cover potential unforeseen requirements, for a not-to-exceed total contract amount of \$159,126.

### SUMMARY

The District is in need of a qualified consultant with experience in fire and potable water system design for a new water system at Bear Creek Redwoods Open Space Preserve (Preserve) to support improvements at Bear Creek Stables. Consultant support is needed to coordinate with San Jose Water Company, secure permits and a water service connection, complete construction documents, assist the District during the contractor bid process, and provide construction oversight during implementation. Based on the results of a Request for Qualifications and Proposals (RFQP) and subsequent interviews with four (4) consultant teams, the General Manager recommends awarding a contract to HydroScience Engineers for a total amount not-to-exceed \$159,126, which includes a 15% contingency in the amount of \$20,756. Sufficient funds are included in the Fiscal Year 2016-17 Budget to carry work through June 30. Funds for subsequent budget cycles will be included as part of the three-year Capital Improvement Program, which the Board will review and consider in May 2017.

### MEASURE AA

A 5-year Measure AA Project List was approved by the Board at their October 29, 2014 meeting and includes Project #21-003 (Bear Creek Redwoods Water Infrastructure Improvements). This proposed contract serves the goals of MAA #21-003 by completing necessary documents for permits, bidding, and construction of a new fire and potable water system by a contractor. It also includes technical oversight during construction.

## DISCUSSION

The goal of the Water System Project (Project) is to provide a new reliable water system that will serve future improvements at Bear Creek Stables. The District received a Will Serve letter from San Jose Water Company (SJWC) on May 6, 2016, granting permission for the District to connect to an existing 6-inch water service line on Bear Creek Road. To proceed with the next phase of design, an RFQP was prepared in January 2017. The table below notes the results of the RFQP process:

### RFQP Process:

| Date    |  |
|---------|--|
| 1/20/17 | Request for qualifications and proposals emailed to consultants list and posted on District website. |
| 2/3/17  | Pre-proposal onsite job walk attended by 12 consultants  |
| 2/24/17 | Proposals received from 8 consultant teams   |
| 3/7/17  | Interviews held for the 4 finalists  |
| 3/22/17 | Recommended Board award of contract to HydroScience Engineers  |

This recommended contract with HydroScience Engineers divides the work into two phases:

Phase 1 – Coordinate with SJWC and submit required documents to secure all permits and approvals for the installation of a water line from the SJWC main on Bear Creek Road to the District's water meter.

Phase 2 – Develop construction documents, including plans, specifications, and cost estimates, for the water distribution system; provide bidding assistance; provide construction design oversight; and prepare as-built plans.

If approved by the Board, Phase 1 of the project is anticipated to be complete by Summer 2017. Phase 2 will require coordination with the Bear Creek Redwoods Stables Improvements Project and construction is anticipated to begin in 2018.

## FISCAL IMPACT

The District's FY2016-17 Budget and Action Plan includes \$367,500 in the Engineering and Construction Department budget for the Bear Creek Redwoods Water System project (MAA 21-003). The allocated budget is sufficient to fund the project in FY 2016-17. Funds for subsequent budgets for construction and monitoring services will be included as part of the proposed three-year Capital Improvement Program to be considered by the Board in May 2017.

|  | FY2016-17        | FY2017-18 | FY2018-19 |
|--|------------------|-----------|-----------|
| <b>MAA 21-003 BCR Water Infrastructure Improvements (E&amp;C Budget)</b> | <b>\$367,500</b> |           |           |
| Spent to Date (as of 3/9/2017):  | \$0              |           |           |
| Encumbrances:  | \$0              |           |           |
| HydroScience Engineers Contract:   | \$34,720         | \$97,610  | \$26,796  |
| <b>Budget Remaining (Proposed):</b>                                      | <b>\$332,780</b> |           |           |

The following table outlines the Measure AA Portfolio budget, costs to date, and the fiscal

impact related to the MAA 21-003 Bear Creek Water Infrastructure Improvements project. This table includes the impact of all three Board actions for award of contract scheduled for the March 22, 2017 meeting.

|  |                     |
|--|---------------------|
| <b>MAA 21 Portfolio Allocation:</b>                                      | <b>\$17,478,000</b> |
| Life-to-Date Spent (as of 3/14/17):                                      | \$593,183           |
| Total Encumbrances:  | \$188,601           |
| Award of Contract to John Northmore Roberts and Associates (MAA 21-004): | \$922,190           |
| Award of Contract to Mesi-Miller (MAA21-005):                            | \$132,894           |
| Award of Contract to HydroScience Engineers (MAA21-003):                 | \$159,126           |
| Total BCR Projects Budget Balances*:                                     | \$1,116,295         |
| <b>Balance Remaining (Proposed):</b>                                     | <b>\$14,365,711</b> |

\*FY2017 BCR Projects Budgets *less* the proposed contracts, current encumbrances, and year-to-date expenditures, reflecting current fiscal commitments to other BCR projects this fiscal year.

## BOARD COMMITTEE REVIEW

The Bear Creek Redwoods Preserve Plan (Preserve Plan), which identifies the Fire and Potable Water System as one of the implementation items, involved extensive Committee and Board review. The Board approved the Preserve Plan at the January 25, 2017 meeting (R-17-15).

## PUBLIC NOTICE

Public notice of this Agenda Item was provided as required by the Brown Act.

## CEQA COMPLIANCE

The Board certified the Draft and Final EIR for the Preserve Plan at the January 25, 2017 meeting (R-17-15). The Preserve Plan identifies the Fire and Potable Water System as one of the implementation items.

## NEXT STEPS

Upon Board authorization, the General Manager will direct staff to enter into contract with HydroScience Engineers to complete construction documents, provide bid assistance, and provide construction observation and oversight for the Fire and Potable Water System Project. This water system project is anticipated to be constructed in 2017 and 2018.

Award of construction contract will come back to the Board for review and approval at a future date.

### Attachment

1. Map showing the Construction Phasing of the Fire and Potable Water System Project

Responsible Department Head:

Jason Lin, Engineering and Construction Department Manager

Prepared by:

Dale Grogan, Capital Project Manager, Engineering and Construction Department

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Created By: jhawk



**Attachment 1 - Construction Phasing of the Fire and Potable Water System Project at Bear Creek Redwoods OSP**

- |                  |  |                |
|------------------|--|----------------|
| MROSD Preserves  | Other Public Agency                    | Phase 1 - 2017 |
| Private Property | Gate                                   | Phase 2 - 2018 |
| Watershed Land   | Water Tank (Location to be determined) |                |

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Open Space District  
(MROSD)  
March 2017



While the District strives to use the best available digital data, these data do not represent a legal survey and are merely a graphic illustration of geographic features.