



## Legislation Details (With Text)

**File #:** 2021-0101  
**Type:** Consent Calendar Item **Status:** Agenda Ready  
**File created:** 1/28/2021 **In control:** Sonoma County Water Agency  
**On agenda:** 3/16/2021 **Final action:**  
**Title:** Database development  
**Sponsors:** Sonoma County Water Agency  
**Indexes:**  
**Attachments:** 1. Summary, 2. Agreement

Date	Ver.	Action By	Action	Result
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**To:** Board of Directors, Sonoma County Water Agency  
**Department or Agency Name(s):** Sonoma County Water Agency  
**Staff Name and Phone Number:** Heather Kelley (707) 547-1963  
**Vote Requirement:** Majority  
**Supervisory District(s):** All

**Title:**  
Database development

### Recommended Action:

Authorize Sonoma County Water Agency's General Manager to execute an agreement with Dina Luvishis for database development through March 31, 2022 in the not-to-exceed amount of \$90,000.

### Executive Summary:

Under this proposed agreement, Dina Luvishis (Consultant) will provide programming services for development and maintenance of Sonoma County Water Agency (Sonoma Water)'s database, user, and web application systems. Programming enhancements to Sonoma Water's information systems will improve workflow by reducing redundancy among departments and provide a standard method of data gathering, storage, and retrieval.

### Discussion:

#### HISTORY OF ITEM/BACKGROUND

Sonoma Water has had Geographic Information Systems (GIS) for approximately 17 years. Initially the GIS provided basic spatial data, and depicted locations and simple information on paper maps. Over the years, the GIS has evolved into a more complex system providing spatial data analysis, web mapping applications, field data applications, and enterprise databases supporting a multi-editor and web application interface.

The databases that have been ported to the cloud computing environment were developed with the Consultant and as such, Consultant has an intimate knowledge of the data stored in these databases as well as the database architecture. Consultant will be integral to continuing the support for Sonoma Water on these databases. Work performed under this agreement will provide data and system redundancy in the event of a

catastrophic emergency that would otherwise preclude Sonoma Water staff from accessing GIS data and software at damaged Sonoma Water facilities.

#### SELECTION PROCESS

On May 26, 2020, Sonoma Water issued a Request for Statements of Qualifications (RFQ) for Database and Web Development Services to five firms. The RFQ was also posted on the Sonoma County Water Agency and County of Sonoma Purchasing Department websites. Sixteen firms submitted statements of qualifications. The following criteria were used to evaluate each firm:

- 1) Thoroughness of SOQ
- 2) Professional qualifications and demonstrated ability to perform the work
- 3) Exceptions to standard terms in the sample agreement

Based on evaluations, the following respondents were selected for the list of qualified consultants.

1. Conservation Biology Institute, Corvallis, Oregon
2. Dina Luvishis, Santa Rosa, California
3. Elegant Enterprise-Wide Solutions, Chantilly, Virginia
4. Intellectyx, Inc., Denver, Colorado
5. iSpacial Techno Solutions, Inc., Santa Rosa, California
6. MoosePoint Technology, Sonoma, California
7. MSys, Inc., Washington, DC
8. SoftHQ, Inc., San Diego, California
9. TierSolution, Inc., Elk Grove, California
10. Timmons Group, Richmond, Virginia
11. West Advanced Technologies, Sacramento, California
12. Zion Cloud Solutions, Glenview, Illinois

Consultant was selected from this list for the proposed agreement based on subject matter knowledge, understanding of Sonoma Water systems, and familiarity with database architecture.

Sonoma Water may seek to amend or enter into subsequent agreement(s) with Board approval if required, relying upon this competitive selection process, after the preliminary or initial work is completed.

#### SERVICES TO BE PERFORMED

Under the proposed agreement, consultant will provide documentation (metadata) for database and web application development; perform ongoing work related to Biological Opinion and Stream Maintenance Program regulatory compliance, natural resource planning and environmental document preparation; and support multiple field data collection applications used as a resource for Geographic Information Systems projects related to engineering and environmental activities.

The cost of services will not exceed \$90,000; the term end date is March 31, 2022.

#### **Prior Board Actions:**

10/09/2018: Approved amended agreement between Sonoma Water and Dina Luvishis for Geographic Information Systems database programming and maintenance. Additional cost \$180,000; term end 2/28/2021.

08/02/2016: Approved agreement between Sonoma Water and Dina Luvishis for database and web development services. Cost \$120,000; term end 12/31/2018.

**FISCAL SUMMARY**

<b>Expenditures</b>	<b>FY 20-21 Adopted</b>	<b>FY21-22 Projected</b>	<b>FY 22-23 Projected</b>
Budgeted Expenses	\$90,000		
Additional Appropriation Requested			
<b>Total Expenditures</b>	<b>\$90,000</b>		
<b>Funding Sources</b>			
General Fund/WA GF	\$90,000		
State/Federal			
Fees/Other			
Use of Fund Balance			
Contingencies			
<b>Total Sources</b>	<b>\$90,000</b>		

**Narrative Explanation of Fiscal Impacts:**

Budgeted amount of \$90,000 is available from FY 2020/2021 appropriations for the Sonoma Water General Fund. No additional appropriation is required.

<b>Staffing Impacts:</b>			
<b>Position Title (Payroll Classification)</b>	<b>Monthly Salary Range (A-I Step)</b>	<b>Additions (Number)</b>	<b>Deletions (Number)</b>

**Narrative Explanation of Staffing Impacts (If Required):**

N/A

**Attachments:**

Agreement with Dina Luvishis

**Related Items "On File" with the Clerk of the Board:**

None