



**Sonoma
Water**

MEMORANDUM

TW: 21/22-068

DATE: May 24, 2022

TO: Grant Davis, General Manager

FROM: Hannah Camp, Project Manager *DR for*

SUBJECT: **Selection of Brelje & Race Consulting Engineers for Engineering and Design Services for the River Diversion Structure Modernization Project**

Sonoma County Water Agency's (Sonoma Water) water supply is largely comprised of water drawn from the Russian River (River). Sonoma Water has six collector wells at the River that extract groundwater from an alluvial aquifer that is adjacent to the River.

The River naturally recharges the alluvial aquifer that feeds these collector wells, but in 1975 Sonoma Water constructed the River Diversion Structure (RDS) as a supplemental recharge facility. The RDS diverts water from the River into a series of infiltration ponds that recharge the alluvial aquifer that feeds collectors 3, 4, and 5.

The RDS is operated during the dry season (approximately April through October) in conjunction with the Mirabel inflatable dam (Dam). The Dam increases the water elevation/hydraulic head in the River so that the RDS pumps can operate and divert water from the River to the infiltration ponds. During the wet season (approximately October through April), the RDS is not operated because water levels are high and can potentially inundate the infiltration ponds.

The equipment in the RDS has reached the end of its useful life and needs to be replaced. The goal of the Project is to:

- a) Specify new equipment to replace the existing RDS equipment.
- b) Redesign the RDS equipment layout to accommodate the new equipment. The RDS facility houses additional ancillary equipment that will not be replaced as part of the Project.
- c) Design a new stairway and platform leading to the RDS, and an additional means of egress.
- d) Optimize the operations of the RDS by incorporating a new programmable logic controller.

The equipment needing replacement includes, but is not limited to, the following: medium-voltage step-down transformer; motor control center; three vertical turbine pumps; facility lighting; heating, ventilation, and air conditioning (HVAC); and a programmable logic controller.

On March 16, 2022, Sonoma County Water Agency (Sonoma Water) issued a Request for Proposals (RFP) to the following 41 firms:

- Kennedy/Jenks Consultants, Santa Rosa, CA
- Summit Engineering, Santa Rosa, CA
- Genterra Consultants, Sacramento, CA
- ZFA Structural Engineers, Santa Rosa, CA
- BKF Engineers, Santa Rosa, CA
- GHD, Santa Rosa, CA
- AGS, San Francisco, CA
- MKM & Associated Structural Engineers, Rohnert Park, CA
- Kleinfelder, Santa Rosa, CA
- Brunsing and Associates, Santa Rosa, CA
- MME Civil and Structural Engineering, Santa Cruz, CA
- Farwest, Hayward, CA
- V&A Consulting Engineers, Oakland, CA
- Project X Corrosion Engineering, Murrieta, CA
- BC Engineering Group, Santa Rosa, CA
- BFK Engineers, Santa Rosa, CA
- Green Valley Consulting Engineers, Santa Rosa, CA
- Adobe Associates Inc., Santa Rosa, CA
- Brelje & Race Consulting Engineers, Santa Rosa, CA
- EBA Engineering, Santa Rosa, CA
- IEC Corporation, Sacramento, CA
- Coastland Civil Engineering, Santa Rosa, CA
- Lescure Engineers, Inc., Santa Rosa, CA
- Schaaf & Wheeler, Consulting Civil Engineers, Santa Rosa, CA
- Woodard & Curran, Walnut Creek, CA
- West Yost and Associates, Davis, CA
- Carlile Macy, Santa Rosa, CA
- CDM Smith, Concord, CA
- Carollo Engineers, Inc., Walnut Creek, CA
- HDR Engineering, Inc., Folsom, CA
- Bauer & Associates, Forestville, Ca

- Brown and Caldwell, Walnut Creek, CA
- Jacobs Engineering, San Diego, CA
- Infra Terra, Inc., San Francisco, CA
- Geosyntec, Oakland, CA
- Mott MacDonald, San Ramon, CA
- Herzig Engineering, Kansas City, MO
- Phoenix Renewable Services, Merced, CA
- Harris & Associates, Concord, CA
- Accurate Corrosion, Pleasanton, CA
- Power Engineering Construction Co., Alameda, CA

The RFP was also posted on Sonoma County Water Agency and County of Sonoma Purchasing Department websites.

One firm listed below submitted a Proposal.

- Brelje & Race Engineering Consultants

The following criteria were used to evaluate the firm:

- Professional qualifications and demonstrated ability to perform the work
- Responsiveness to the work requirements
- Exceptions to standard terms in the sample agreement
- Thoroughness of proposal
- Local Service Provider Preference

Brelje & Race Consulting Engineers (Consultant) was selected to perform the work because Consultant meets the criteria listed in the solicitation requirements and has demonstrated experience working on projects with similar scope.

Proposals and evaluation forms have been sent to Records.

The hiring of Consultant for this agreement causes no conflict of interest and is not based on any financial incentive provided to Sonoma Water or its employees and representatives.

c: Lisa Consani