

# City of Santa Rosa



## Legislation Details

---

**File #:** 22-312BPU    **Version:** 1    **Name:** LTP UV Disinfection Project Contract Award  
**Type:** BPU- Report    **Status:** Agenda Ready  
**File created:** 4/21/2022    **In control:** Board of Public Utilities  
**On agenda:** 5/5/2022    **Final action:**  
**Title:** REPORT - CONTRACT AWARD - LAGUNA TREATMENT PLANT DISINFECTION IMPROVEMENTS PROJECT

**BACKGROUND:** Ultraviolet (UV) light is the primary disinfection process for the Laguna Treatment Plant (LTP). In 2012, the State Water Resources Control Board Division of Drinking Water (DDW) re-evaluated and subsequently de-rated the disinfection system capacity from 67 million gallons per day (MGD) to 48.5 MGD, creating a disinfection deficiency under some wet weather conditions. The UV system has been operating over 20 years and is beyond its useful service life. Plant staff must provide greater resources to address disinfection system limitations such as periodic UV under-dose, coliform exceedance, and cleaning frequency issues. These conditions triggered the need to evaluate disinfection equipment options to ensure that LTP has adequate disinfection capacity of up to 67 million gallons per day. Through various analyses, the City determined that replacing the existing UV system with a new UV system is the most feasible approach to address the capacity and reliability deficiencies.

**RECOMMENDATION:** It is recommended by the Contract Review Subcommittee and the Transportation and Public Works and Water Departments that the Board of Public Utilities, by motion, approve the project and award Construction Contract No. C00284 in the amount of \$68,109,000 to the lowest responsive bidder, Shimmick Construction Company, Inc. for the Laguna Treatment Plant Disinfection Improvements Project, approve a 10% contingency, and authorize a total contract amount of \$74,919,900.

**Sponsors:** Board of Public Utilities  
**Indexes:** EIR Previously Certified by City Council  
**Code sections:**  
**Attachments:** 1. Staff Report, 2. Attachment 1\_Summary of Bids, 3. Attachment 2\_Location Map, 4. Presentation (added 5/2/22)

Date	Ver.	Action By	Action	Result
5/5/2022	1	Board of Public Utilities	to approve	Pass