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December 6, 2024

RE: Request for Waiver for Non-AIS Component in the City of Palo Alto Regional Water Quality Control Plant Secondary Treatment Upgrades Project

To: [REDACTED]

Project: **City of Palo Alto Regional Water Quality Control Plant Secondary Treatment Upgrades Project**
Identification #: **8609-110**

[REDACTED] is the supplier responsible for the below listed products for this project.
[REDACTED] is requesting an AIS waiver for the products listed below required on the City of Palo Alto Regional Water Quality Control Plant Secondary Treatment Upgrades Project:

Spec. #	Qty	Size	Product Description	Non-AIS Mfg. - Delivery
40 05 64.14	12	6"	High Performance Butterfly Valve	2 Weeks
40 05 61.14	12	8"	High Performance Butterfly Valve	2 Weeks

[REDACTED] has conducted a thorough online & materials network research exercise to identify possible domestic resources that produce the products to meet the project's technical provisions and with AIS certification within the models requested.

Each Manufacturer listed below was contacted by [REDACTED] personnel to request AIS product quotations.

[REDACTED] research included the following response data:

Manufacturer	Date Contacted	Size	Product	Response	Mfg. Contacted
[REDACTED]	11/2024	6"-8"	High Performance Butterfly Valve	AIS Lead time exceeds project schedule (30-32 weeks)	[REDACTED] [REDACTED] [REDACTED]
[REDACTED]	11/2024	6"-8"	High Performance Butterfly Valve	AIS Lead time exceeds project schedule (26 weeks)	[REDACTED] [REDACTED] [REDACTED]

[REDACTED] is unable to locate a known source for these products.

Please grant an availability-based project-specific waiver for these items.

Sincerely,

[REDACTED]



The Water Infrastructure Finance and Innovation Act (WIFIA) program accelerates investment in our nation's water infrastructure by providing long-term, low-cost supplemental loans for regionally and nationally significant projects.

CITY OF PALO ALTO

PROJECT NAME: Regional Water Quality Control Plant Secondary Treatment Upgrades Project

LOCATION: Palo Alto, CA

INVITED WIFIA LOAN AMOUNT: \$66 million

POPULATION SERVED BY PROJECT: 221,000

PROJECT TYPE: Wastewater

PROJECT DESCRIPTION:

The Palo Alto Regional Water Quality Control Plant Secondary Treatment Upgrades Project will implement cutting-edge treatment improvements at the City's Regional Water Quality Control Plant. The project will convert the process into a three-step feed activated sludge configuration, add process intensification via installation of membrane aerated biofilm reactors to meet permit nitrogen removal targets, and decommission the fixed-film reactors. The purpose of the project is to rehabilitate aging infrastructure, reduce nutrient discharge into the San Francisco Bay, assist in regulatory compliance, and accommodate population growth while using an innovative technology resulting in energy efficiency and reduced power consumption.

FY 2020 SELECTION ROUND

NUMBER OF PROJECTS SELECTED: 55

TOTAL LOAN AMOUNT: \$5.1 billion

TOTAL WATER INFRASTRUCTURE INVESTMENT SUPPORTED: \$12.5 billion

NUMBER OF PEOPLE IMPACTED:
25 million in 20 states



Selected projects must submit an application for a WIFIA loan, pass a creditworthiness assessment, negotiate a mutually agreeable term sheet, and execute a credit agreement to receive WIFIA funding. An invitation to apply indicates that EPA believes the selected projects will be able to attain WIFIA loans.

Project Specification

40 05 64.14

BUTTERFLY VALVE, RESILIENT SEATED, HIGH TEMPERATURE

GENERAL
1. Line Size: 2 through 24 inches 2. Rated Limits: a. In-line: Pressure 150 psi; Temperature 350 °F b. Dead end: Pressure 50 psi; Temperature 350 °F
VALVE MATERIALS
1. Body: Cast Iron or Ductile Iron 2. Disc: Type 316 Stainless Steel 3. Shaft: Type 316 Stainless Steel 4. Seat: PTFE or FKM/██████
VALVE CONFIGURATION
1. Valve End/Connections: Wafer or Lugged, ANSI B16.1 Class 125 2. Manual Actuators: a. Per Section 40 05 57.13. 3. Powered Actuators: a. Per Section 40 05 57.23
SUBMITTALS
1. Action Submittals: a. Per Section 01 33 00 and Section 40 05 60. 2. Information Submittals: a. Per Section 01 33 00 and Section 40 05 60.
CANDIDATE MANUFACTURERS
1. ██████████ 2. ██████████