

**PROPOSED PROJECT for SRF FUNDING FORM**State Fiscal Year 2021

Project Title: Pua Force Main Installation and Rehabilitation  
 County/Applicant: County of Hawaii Wastewater Division  
 Estimated Cost: \$33,000,000 Estimated Start Date: July 2020  
 Project Description:

The existing 24-inch force main sewer that runs from the Pua Pump Station to the Hilo Wastewater Treatment Plant is exhibiting signs of deterioration.

The solution is to install approximately 16,500 L.F. of new 24-inch sewer force main and refurbish the existing parallel 16,500 L.F. of 24-inch sewer force main.

Place an "X" next to each item that applies. The project description must contain information supporting the applicable items.

<b>1. Water Quality Protection</b>		
	Corrects surface water quality impairment or eliminates/prevents ground water contamination.	12 pts.
<b>2. Green Infrastructure</b>		
	a. Water reuse facility providing R1 or R2 water and/or reuse transmission and/or distribution system.	10 pts.
	b. Energy Efficiency or Renewable Energy: Uses energy efficient components (e.g. motors, pumps, blowers, photovoltaic panels etc.) that reduce energy consumption of a major component by 20% or more; or provides for renewable energy (methane conversion, etc.) or other environmentally innovative technologies (e.g. hydroelectric turbine at outfall line to generate electricity) to reduce energy consumption of the plant or major component by 20% or more.	8 pts.
	c. Promotes sustainable infrastructure to withstand the effects of rising sea levels due to climate change and provides adaptation for coastline inundation.	7 pts.
	d. Provides for wastewater sludge reuse.	7 pts.
	e. Energy audit.	3 pts.
<b>3. Compliance and Enforcement</b>		
	Project necessary to achieve compliance with federal or state compliance issue, consent decree, or court order.	5 pts.
<b>4. Project Need</b>		
	a. Secondary treatment for wastewater treatment plant.	4 pts.
✓	X b. Sewer collection system rehabilitation or replacement, infiltration/inflow correction.	4 pts.
	c. Large capacity cesspool and landfill liner projects.	4 pts.
	d. Stormwater equipment, wastewater facilities.	3 pts.

Total Points (for DOH use)	4
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