

Pūlehunui Wastewater System (IFB-20-HHL-022)

SUBSTITUTION REQUESTS

No.	Description	Specification	DHHL Response
1	Neopoxy 2019 5300 Series for epoxy coating.	Section 09910-Epoxy Coating	Accepted for substitution
2	HydroTec CTS Storage Tank	Section 13120-Factory Powder Coated Bolted Steel tanks	PHASE B HAS BEEN DELETED. No steel storage tanks required in remaining phases.
3	Atlas CopCo's Positive Displacement	Section 11860-Blowers, Positive Displacement	PHASE B HAS BEEN DELETED. No blowers required in remaining phases.
4	Cloacina MBR Package	Section 11300-Membrane BioReactor System	PHASE B HAS BEEN DELETED. No packaged MBR treatment tanks required in remaining phases.
5-1	FKC Dewatering Screw Press	Section 11334-Sludge Dewatering Screw Press	Phase B has been deleted. No Dewatering Screw Press required in remaining phases.
5-1a	Gardner Denver Blower	Section 11860-Blowers, Positive Displacement	PHASE B HAS BEEN DELETED. No blowers required in remaining phases.
5-1b	Val-matic Air Release Valves	Section 15050-Valves and Appurtenances	Requesting more information on physical sizing and how it will be secured in project specified enclosure.
5-1c	WTR Valves	Section 15050-Valves and Appurtenances	PHASE B HAS BEEN DELETED. No large butterfly valves required in remaining phases.
5-1d	3-Way WTR Plug Valves	Section 15050-Valves and Appurtenances	PHASE B HAS BEEN DELETED. No 3-way plug valves required in remaining phases.
5-1e	Syncroflo Booster Pumps	Section 11544-Packaged Booster Pumps	PHASE B HAS BEEN DELETED. No Packaged Booster Pumps required in remaining phases.
5-1f	Vogelsang Rotary Lobe Pumps	Section 11217-Rotary Lobe Pumps	PHASE B HAS BEEN DELETED. No Rotary Lobe Pumps required in remaining phases.
5-1g	Evoqua UV Disinfection	Section 11346-Ultraviolet Disinfection Equipment	PHASE B HAS BEEN DELETED. No UV disinfection required in remaining phases.
5-1h	McCrometer Mag Meter	Section 11250-Magnetic Flowmeter	PHASE B HAS BEEN DELETED. No magnetic flowmeters required in remaining phases.
6-1a	S&L Mechanical Screens	Section 11332-Tank Mounted Cylindrical Perforated Plate Screen w/ Integrated Screenings Washing	PHASE B HAS BEEN DELETED. No Headworks Screening required in remaining phases.
6-1b	S&L Titan MBR	Section 11300-Membrane BioReactor System	PHASE B HAS BEEN DELETED. No packaged MBR treatment tanks required in remaining phases.

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6-1c	S&L Headworks Screen	Section 11332-Tank Mounted Cylindrical Perforated Plate Screen w/ Integrated Screenings Washing	PHASE B HAS BEEN DELETED. No Headworks Screening required in remaining phases.
7	Ovio MBR	Section 11300-Membrane BioReactor System	PHASE B HAS BEEN DELETED. No packaged MBR treatment tanks required in remaining phases.
8	Power Coating for Steel Tanks	Section 13120-Factory Powder Coated Bolted Steel tanks	PHASE B HAS BEEN DELETED. No steel storage tanks required in remaining phases.
9	Lakeside Pre-Qual Package	Section 11332-Tank Mounted Cylindrical Perforated Plate Screen w/ Integrated Screenings Washing	PHASE B HAS BEEN DELETED. No Headworks Screening required in remaining phases.
10	Lighting Fixtures 1-7	Section 16510-Interior Lighting	PHASE B HAS BEEN DELETED. All lifght fixtures except of type "A-Sheet EA4-4" are no longer required. Type "A-Sheet EA4-4" is acceptable as long as it is fully shielded and installed per County of Maui Requirements.
11	Fusible PVC	Section 15060-Piping	Denied. Operating pressure and potential surge may exceed PVC pressure ratings
12	Schwing Bioset Sludge Dewatering Press	Section 11334-Piping	PHASE B HAS BEEN DELETED. No Dewatering Press required in remaining phases.