

Handout

Agenda Item 2

Date November 15, 2018

SECONDARY TREATMENT UPGRADE & RECYCLED WATER EXPANSION



Board Meeting

Date: 11/15/2018

Secondary Treatment Plant Upgrade & Recycled Water Expansion Project

Project Team

Chris DeGabriele

LGVSD Interim General Manager

Mike Cortez

LGVSD District Engineer

Irene Huang

LGVSD Assistant Engineer

Mel Liebmann

LGVSD Operations Manager

Susan McGuire

LGVSD Administrative Services Manager

Justin Logan

AQUA Engineers

Jim Bowley

MWH Constructors

Glenn Vita

MWH Constructors

Dennis Gellerman

Brown & Caldwell

Doug McHaney

ArcSine Engineers

Scott Wolfenberger

Myers & Sons Construction

Scott Wilson

Myers & Sons Construction

Fraser Bradford

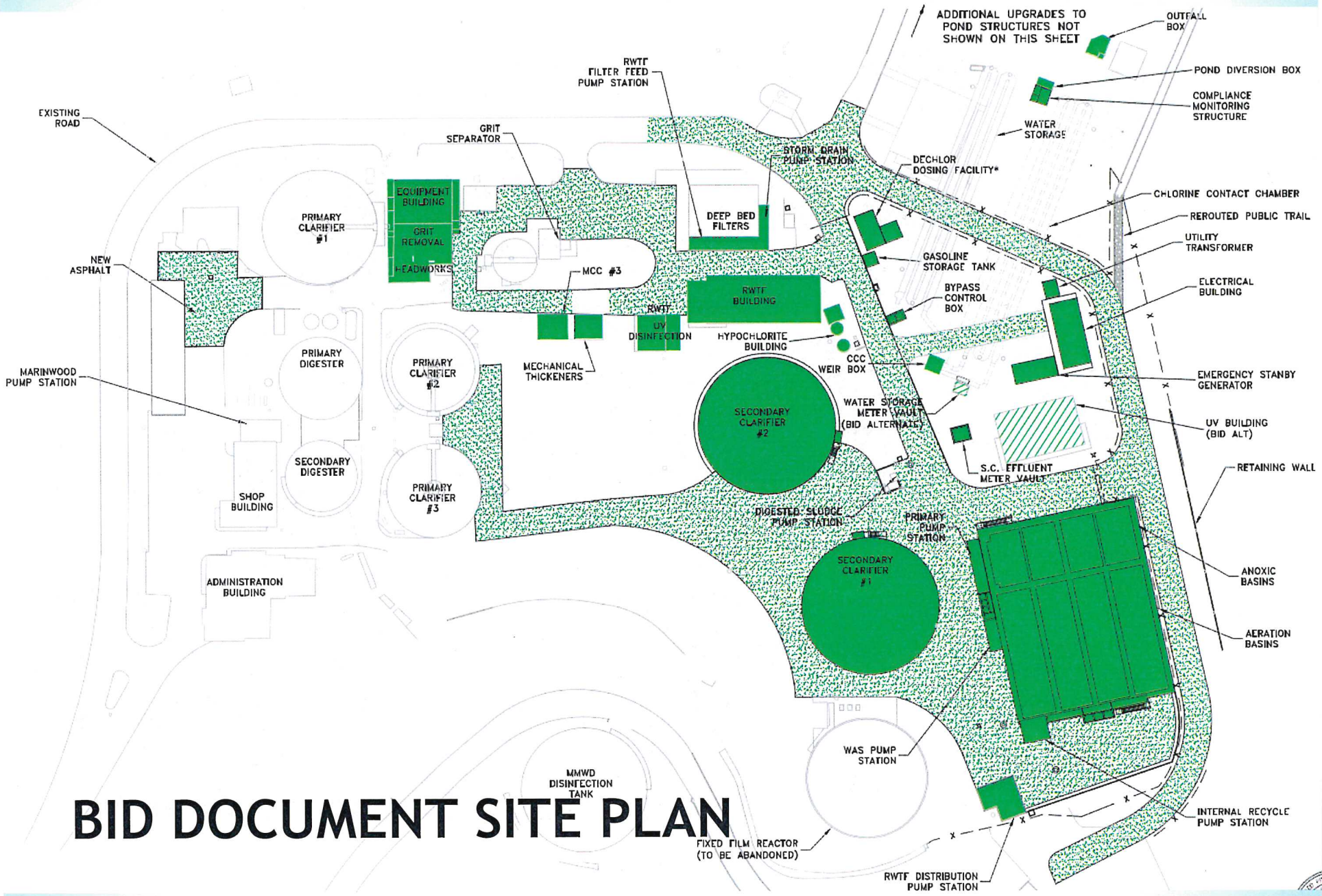
Myers & Sons Construction

Bryan Evans

Myers & Sons Construction



EXISTING SITE PLAN



BID DOCUMENT SITE PLAN

Las Gallinas Valley Sanitary District Secondary Treatment & Recycle Water Treatment Facility Upgrade

October 4, 2018 Bid Opening

	MWHC Estimate	Myers & Son's Construction, LLC	C. Overra & Company	Flatiron West Inc.
Bid Base (Award)	\$ 46,740,061.00	\$ 46,426,453.97	\$ 46,870,000.00	\$ 49,470,453.42
UV Alternate	\$ 2,176,771.03	\$ 2,196,485.03	\$ 4,750,000.00	\$ 3,773,485.03
TOTAL	\$ 48,916,832.03	\$ 48,622,939.00	\$ 51,620,000.00	\$ 53,243,938.45

Treatment Plant Upgrade and Recycled Water Treatment Plant Expansion

Estimated Project Cost

Low Bid for redesigned project	\$ 48,622,939	} \$57,502,453
Construction management	\$ 5,132,767	
SCADA Programming	\$ 815,600	
PG&E (estimate)	\$ 500,000	
Contingency on construction – 5%	\$ 2,431,147	
Costs paid to date 7/1-3/30/2018, excluding equipment pre-order costs	\$ 749,688	} \$2,369,213
Open purchase orders for design engineering, peer review, etc.	\$ 825,340	
Aqua, MWH and BC for redesign through bidding period	\$ 794,185	
TOTAL	<u>\$ 59,871.666</u>	

Treatment Plant Upgrade and Recycled Water Treatment Plant Expansion

Funds Available

Cash on hand		
LAIF Bond Fund		
Bond Funds	\$ 40,499,562	
Bank of Marin Business MM Fund		
Cost reimbursement from LAIF fund	\$ 1,353,830	} \$42,693,650
MMWD Payments		
Buy in	\$ 591,749	
2017 Debt Service	\$ 248,509	
General LAIF, not segregated for the project		
2015-2017 debt service accumulation	\$ <u>4,150,435</u>	
	\$ 46,844,085	
Future year collections (2018/19-2021/22)		
Sewer rate Funds	\$ 879,714	
MMWD buy in	\$ 826,196	
MMWD 2017 debt service	\$ 1,026,965	
Water Smart Grant	\$ <u>847,150</u>	
	\$ 3,580,025	
Other Sources of Cash		
Accumulated cash for SSMP/wet weather project	\$ 5,458,513	
SSMP/wet weather project funding 2018/19-2019/20	\$ 4,656,029	
Connection Fees	-----	
	\$ <u>10,114,452</u>	
Maximum cash available		\$60,538,652

Treatment Plant Upgrade and Recycled Water Treatment Plant Expansion

Recommended Additional Financing

Total Project Funds for 30 months	\$ 50,424,110
Projected Cash Need with a 10% Contingency	\$ 11 ,878,703
