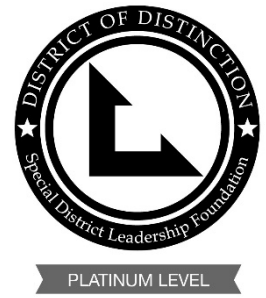




TOWN OF DISCOVERY BAY

A COMMUNITY SERVICES DISTRICT

SDLF Platinum-Level of Governance



President – Bryon Gutow • Director – Kevin Graves • Director – Ashley Porter • Director – Michael Callahan • Director – Carolyn Graham

**NOTICE OF THE REGULAR MEETING
OF THE STANDING WATER AND WASTEWATER COMMITTEE
OF THE TOWN OF DISCOVERY BAY
Wednesday, February 3, 2021
5:30 P.M. – 6:30 P.M.**

NOTICE Coronavirus COVID-19

In accordance with the Governor's Executive Order N-33-20, and for the period in which the Order remains in effect, the Town of Discovery Bay Community Services District Committee Chambers will be closed to the public.

To accommodate the public during this period of time that the Committee's Chambers are closed to the public, the Town of Discovery Bay Community Services District Committee Members have arranged for members of the public to observe and address the meeting telephonically.

TO ATTEND BY TELECONFERENCE:
Toll-Free Dial-In Number: (866) 848-2216
CONFERENCE ID **5193676302#**

Download Agenda Packet and Materials at www.todb.ca.gov/

Water and Wastewater Committee Board Members

*Kevin Graves
Ashley Porter*

- A. ROLL CALL**
1. Call business meeting to order 5:30 p.m.
 2. Roll Call.
- B. PUBLIC COMMENTS (Individual Public Comments will be limited to a 3-minute time limit)**
During Public Comments, the public may address the Committee on any issue within the District's jurisdiction which is not on the Agenda. The public may comment on any item on the Agenda at the time the item is before the Committee for consideration. Any person wishing to speak will have 3 minutes to make their comment. There will be no dialog between the Committee and the commenter as the law strictly limits the ability of Committee members to discuss matters not on the agenda. We ask that you refrain from personal attacks during comment, and that you address all comments to the Committee only. Any clarifying questions from the Committee must go through the Chair. Comments from the public do not necessarily reflect the viewpoint of the Committee members.
- C. DRAFT MINUTES TO BE APPROVED**
1. Approve DRAFT minutes of November 4, 2020 Regular Water and Wastewater Committee Meeting.
- D. PRESENTATIONS**
1. Water and Wastewater Update.

E. DISCUSSION ITEMS

1. Discussion Regarding Chair and Vice-Chair.
2. Discussion and Provide Possible Feedback on the Proposal to Purchase a New Sludge Dredge in the Amount of \$144,603.20 and Increase the Capital Project Total Budget to \$166,294.
3. Discussion Regarding Water Project Well 1B.
4. Discussion Regarding Wastewater Project Denitrification.

F. FUTURE DISCUSSION/AGENDA ITEMS

G. ADJOURNMENT

1. Adjourn to the next Standing Water and Wastewater Committee meeting at the Community Center located at 1601 Discovery Bay Boulevard.

"This agenda shall be made available upon request in alternative formats to persons with a disability, as required by the American with Disabilities Act of 1990 (42 U.S.C. § 12132) and the Ralph M. Brown Act (California Government Code § 54954.2). Persons requesting a disability related modification or accommodation in order to participate in the meeting should contact the Town of Discovery Bay, at (925) 634-1131, during regular business hours, at least forty-eight hours prior to the time of the meeting."

"Materials related to an item on the Agenda submitted to the Town of Discovery Bay after distribution of the agenda packet are available for public inspection in the District Office located at 1800 Willow Lake Road during normal business hours."



TOWN OF DISCOVERY BAY

A COMMUNITY SERVICES DISTRICT

SDLF Platinum-Level of Governance



PLATINUM LEVEL

President – Bill Mayer • Vice-President – Bill Pease • Director – Kevin Graves • Director – Bryon Gutow • Director- Ashely Porter

**MINUTES OF THE REGULAR MEETING
OF THE WATER AND WASTEWATER COMMITTEE
OF THE TOWN OF DISCOVERY BAY
Wednesday, November 4, 2020
5:30 P.M. – 6:30 P.M.**

NOTICE Coronavirus COVID-19

In accordance with the Governor's Executive Order N-33-20, and for the period in which the Order remains in effect, the Town of Discovery Bay Community Services District Committee Chambers will be closed to the public.

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Water and Wastewater Committee Board Members

*Chair Bill Pease
Vice-Chair Bill Mayer*

- A. ROLL CALL**
1. Call business meeting to order 5:30 p.m. – By Chair Bill Pease
 2. Roll Call – All Present.
- B. PUBLIC COMMENTS (Individual Public Comments will be limited to a 3-minute time limit)**
Public Comment Regarding:
- Water quality
- Chair Pease recommended commentor access Town website and view the Annual Water Quality Report.
- C. DRAFT MINUTES TO BE APPROVED**
1. Approve DRAFT minutes of October 7, 2020 Water and Wastewater Committee meeting.
Motion to approve DRAFT minutes as presented made by Vice-Chair Mayer.
Second by Chair Pease.
Vote: Motion Carried – AYES: 2, NOES: 0, ABSTAINED: 0, ABSENT: 0
- D. PRESENTATIONS**
- E. DISCUSSION ITEMS**
1. Discuss Cancellation of the December 2, 2020 Water and Wastewater Committee Meeting.
 2. Discuss Cancellation of the January 6, 2021 Water and Wastewater Committee Meeting.
- General Manager Mike Davies combined Items E-1 and E-2. General Manager Mike Davies advised Town staff is recommending cancellation of the Water and Wastewater Committee Meetings scheduled on December 2, 2020 and January 6, 2021 due to closure of the Town Office and insufficient time to create and post Agendas. Motion to approve Discussion Items E-1 and E-2 as presented made by Vice-Chair Mayer. Second by Chair Pease.

Vote: Motion Carried – AYES: 2, NOES: 0, ABSTAINED: 0, ABSENT: 0

3. Discuss Update on Denitrification & Diffuser.

Water and Wastewater Manager Aaron Goldsworthy advised the Denitrification Project is on track to begin designing this month. Estimated 3-4 months for the designing process. Water and Wastewater Manager Aaron Goldsworthy also gave update on the Outfall Diffuser Project. Currently permits are being submitted and the project is estimated to remain in this stage until next month. This project also is running on schedule.

Water and Wastewater Manager Aaron Goldsworthy updated the Committee on the Marlin Marina Project. Scheduled dewatering of the pipeline is to be done to send a video recorder into the pipe. The video will assess the condition of the pipeline.

Water and Wastewater Manager Aaron Goldsworthy advised that recently the Town received a letter from the State of California advising of a Notice of Violation in June 2020 and Veolia Project Manager Gerry Lemus is currently disputing the violation. More information will be available in two weeks.

Vice-Chair Mayer asked if the Town has grounds to dispute the NOV.

Water and Wastewater Manager Aaron Goldsworthy advised that it is believed the sample was not acquired by the lab properly.

F. FUTURE DISCUSSION/AGENDA ITEMS

Chair Pease requested looking into the possibility of reusing Class A waste from the Wastewater Plant. Presently the waste is not reusable due to excessive nitrogen levels and cannot be put on the ground.

Veolia Project Manager Gerry Lemus advised he will work with District Water Engineer Gregory Harris in discussing the Denitrification Project and the removal of pathogens as well as nitrogen from Class A waste to make it suitable for land application.

Chair Pease asked if there is value in purifying the Class A waste from its current state.

Veolia Project Manager Gerry Lemus said he would have to research the cost to generate and dispose the waste to weigh the benefits of land application.

Chair Pease asked Veolia Project Manager Gerry Lemus to keep the Water and Wastewater Committee informed of any updates for this topic.

G. ADJOURNMENT

1. Adjourn to the next Standing Water and Wastewater Committee meeting at the Community Center located at 1601 Discovery Bay Boulevard.

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Town of Discovery Bay
"A Community Services District"
STAFF REPORT

Meeting Date

February 3, 2021

Prepared By: Gregory Harris, District Wastewater Engineer
Submitted By: Dina Breitstein, Assistant General Manager

Agenda Title

Discussion and Provide Possible Feedback on the Proposal to Purchase a New Sludge Dredge in the Amount of \$144,603.20 and Increase the Capital Project Total Budget to \$166,294.

Recommended Action

Discussion and provide possible feedback for Staff to bring the item to the Board of Directors meeting on February 17, 2021, to approve the quote from Crisafulli, to authorize the General Manager to execute the Town's Standard Purchase Agreement for purchase of the dredge from Crisafulli as per the attached proposal, to increase the total project budget, and to utilize reserves to pay the exceeding costs of the overall project.

Executive Summary

The Town operates an existing dredge at Wastewater Treatment Plant No. 2. The existing dredge is 18 years old and is in need of replacement. The dredge is used to pump sludge from the sludge lagoons at Plant No. 2 to the aerobic digester and dewatering equipment prior to dewatering, drying, and disposal. The dredge is the only means of removing sludge from the sludge lagoons.

The original dredge manufacture no longer makes dredges. Veolia obtained two cost proposals for the dredge replacement. One from Crisafulli and the other from Rockwell Engineering. The Rockwell Engineering proposal purchases the same OEM dredge from Crisafulli but included in the cost is Rockwell's price markup. Therefore, cost from Rockwell was more expensive than purchasing directly from Crisafulli.

There are currently no other small scale dredge manufacturers for sludge lagoons. Staff recommends proceeding with the proposal from Crisafulli. Crisafulli and Veolia will install the dredge.

The cost of the Dredge project was included in the 2020/2021 CIP number 7007 in the amount of \$110,000 based on an estimate by the previous Veolia Plant Manager. Since that time, costs have increased. The updated cost estimate including tax and freight exceeds the CIP budget amount by \$34,603.00. To protect the project budget from further change orders or other potential issues an additional 15% contingency in the amount of \$21,690 has been added to the cost of the total project budget. This brings the total budget increase to \$55,690 and the new project budget estimate total to \$166,294.

Specific Committee Action:

Provide feedback for Staff to ask the Board to take the following action at the February 17, 2021, meeting:

- a) Approve the quote from Crisafulli for a new dredge.
- b) Authorize the General Manager to Execute the Town's Standard Contract form for the new dredge in the amount of \$144,603.20 (Including Tax and Freight).
- c) Authorize the increase of the total project budget to \$166,294.
- d) Authorize the use of reserves to pay the cost of the project overages \$34,603 plus a project contingency of 15% \$21,690 = for a total of \$56,294.

Previous Relevant Board Actions for This Item

Authorization of CIP item 7007.

Fiscal Impact: Part of Existing CIP

Amount Requested: \$56,294

Sufficient Budgeted Funds Available? Yes

Prog/Fund # Category: TBD

Attachments

1. Crisafulli Proposal Dated 1/19/2021

AGENDA ITEM: E-2

CRISAFULLI

Sludge Removal Systems
 PO Box 1051 Glendive, MT 59330
 (406) 365-3393 Fax (406)365-8088
 www.crisafullipumps.com
 srsc@crisafulli.com

Our Quotation # 006740-01
 01/19/2021

Revised

To :
 VEOLIA NORTH AMERICA
 125 S 84th St
 Suite 175
 MILWAUKEE WI 53214
 UNITED STATES

Attention : JULIE ALLAN

We are pleased to quote the equipment shown below based upon the information available at the time of this quotation. Our company has a reputation for delivering quality products on time and we look forward to the opportunity of serving you.

Item	Facility / Part / Rev / Description / Details	Quantity Quoted	Unit Price	Extended Price
001	<p>Default</p> <p>0430 FLUMP Rev NS U/M EA</p> <p>FLUMP, 4", VD, 4" DSCH PIPE, 30 HP,</p> <p>102" CUTTERHEAD, 4" Chopper Pump, HDPE PONTOONS, 15' 3" FRAME, 12' DREDGE DEPTH, PILOTED THRUST BEARING, SRSJDL PANEL W/RADIO REMOTE, MELTRIC ELECTRICAL CONNECTORS, VFD TRAVERSE, LINER PROTECTION CAGE & WHEELS, REVERSING CUTTERHEAD, ALUMINUM HYD TANK, SPRING LOADED ROLLERS</p> <ul style="list-style-type: none"> - 4" Chopper pump, direct driven, submersible pump - Pump manufactured from 3/8" abrasion resistant steel. - Dual mechanical seal bearing frame - 12" Diameter impeller, 30 HP @ 60 HZ - 12' (3.65m) Dredging depth. - 30" HDPE pontoons with polystyrene inserts w/ A36 mild carbon steel frame - Integral lifting eyes. - 30 HP Sludge pump, TEFC pump motor. (3 phase, 460 volt, 60 Hz) - Auger/tiller cutterhead, 102" wide, directly mounted to pump - Cutterhead Liner Protection (cage and wheels) (not installed on pump for shipping) - 7.5 HP Electric hydraulic power unit. (3 phase, 460 volt, 60 Hz) - 3.0 HP Variable speed traversing winch. (3 phase, 460 volt, 60 Hz) - 1.5 HP Depth control winch (3 phase, 460 volt, 60 Hz) - Painted with high performance epoxy, 2 coats, gun metal grey. - 4" NPT discharge w/ irrigation quick coupler - 4-Plex, Radio remote control panel mounted on dredge - On-board auto retrieve button - Hand held radio remote w/ control functions for: <ul style="list-style-type: none"> - Traverse (forward/off/reverse) - Dredge depth (up/down) - Cutterhead (forward/off) - Pump (on/off) - Electrical quick disconnect on power cord - Added automation <ul style="list-style-type: none"> - Dredge traverse "Ping Pong" <ul style="list-style-type: none"> - Dredge will dredge back and forth in same lateral location - Cutterhead automated drop after each pass <p>Includes:</p> <ul style="list-style-type: none"> - Cable traverse package including hardware - Training - 2 days on-site with a factory technician who will oversee installation and provide operator training. Additional days available @ \$1,000 per day. 	1.00000	116,782.00000	US\$ 116,782.00

CRISAFULLI

Sludge Removal Systems
PO Box 1051 Glendive, MT 59330
(406) 365-3393 Fax (406)365-8088
www.crisafullipumps.com
srsc@crisafulli.com

Our Quotation # 006740-01
01/19/2021

Revised

To :
VEOLIA NORTH AMERICA
125 S 84th St
Suite 175
MILWAUKEE WI 53214
UNITED STATES

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Attention : JULIE ALLAN
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Item	Facility / Part / Rev / Description / Details	Quantity Quoted	Unit Price	Extended Price
002	Default 5000013 Rev 000 U/M EA CORD ASSEMBLY, 02 GA, 4 CON, "W", 200', 2 AWG "W" CABLE WITH MELTRIC CONNECTORS	1.00000	5,650.00000	US\$ 5,650.00
003	Default 1005046 Rev 000 U/M EA PIPE, FLOAT, 4", ALUM-FOAM, 15', W/ QUICK COUPLERS	8.00000	680.00000	US\$ 5,440.00
004	Default 1000801 Rev 000 U/M EA TUBING, 4" X 5', FLEXIBLE, QUICK COUPLERS, 1-BOLT CLAMPS	9.00000	265.00000	US\$ 2,385.00

All prices shown above are NET prices, FOB Glendive, MT, unless stated otherwise.

Buyer agrees to grant SRS Crisafulli Inc. a security interest in all products purchased until payment is made in full. Buyer further agrees to pay a finance charge of 1.5% per month and all costs of collection, including reasonable attorneys fees, for all amounts past due.

If you have any questions regarding this quotation, please call us on our toll-free number, 1-800-442-7867 or reply by email.

On behalf of the company we look forward to serving you.

Thank you.

Sincerely,

Sub Total = \$130,257.00
Tax 8.25% = \$10,746.20
Freight = \$3,600.00
Total = \$144,603.20