



TOWN OF DISCOVERY BAY CSD

President - Kevin Graves • Vice-President - Brian Dawson • Director - Mark Simon • Director - Chris Steele • Director - Ray Tetreault

**NOTICE, CALL, AND AGENDA
OF A SPECIAL MEETING
OF THE BOARD OF DIRECTORS OF THE
TOWN OF DISCOVERY BAY CSD
Monday March 28, 2011
1800 Willow Lake Road, Discovery Bay, California
Website address: www.todb.ca.gov**

SPECIAL MEETING at 6:30p.m.

A. ROLL CALL

1. Call business meeting to order 6:30p.m.
2. Pledge of Allegiance

B. PUBLIC COMMENTS (Public Comments will be limited to a 3-minute time limit)

The public may address the Board on any issue in the District's jurisdiction, which is not on the agenda. The public may comment on any item on the agenda at the time that item is taken up. Any person wishing to speak must come up and speak from the podium. There will be no dialog between the Board and the commenter. Any clarifying questions from the Board must go through the Chair.

C. NEW BUSINESS AND ACTION ITEM

- 1) Adopt Resolution 2011-06 declaring the existence of an emergency regarding Cherry Hills sewer system and authorizing immediate expenditure of public money to safeguard life, health, and property pursuant to Public Contract code Section 20168.

D. ADJOURNMENT

Adjourn to next Regular meeting of April 6, 2011 starting at 7:00pm at 1800 Willow Lake Road-Located in back of the Delta Community Presbyterian Church.

"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 twenty-four hours prior to the time of the meeting."

"Materials related to an item on the Agenda submitted to the Town of Discovery Bay CSD 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 CSD

AGENDA REPORT

Meeting Date

March 28, 2011

Prepared By: Rick Howard, General Manager & Virgil Koehne, Water and Wastewater Manager
Submitted By: Rick Howard, General Manager

Agenda Title

Adopt Resolution 2011-06 declaring the existence of an emergency regarding the Cherry Hills Drive sewer system and authorizing immediate expenditure of public money to safeguard life, health, and property pursuant to Public Contract Code Section 20168.

Recommended Action

Adopt Emergency Resolution 2011-06 for the replacement of an approximate 300' section of forced sewer main in the 2800 block of Cherry Hills Drive due to its pending failure and to declare an emergency condition pursuant to Public Contract Code Section 20168 that requires immediate Board action and authorize the General Manager the authority to enter into a contract between the Town of Discovery Bay CSD and Conco West Inc. in an amount not to exceed \$70,910.

Executive Summary

During the course of routine sewer inspections, there was a noticeable blockage in an approximate 300' section of sewer main in the 2800 block of Cherry Hills Drive. Veolia staff has tried unsuccessfully to remove the blockage and clear the pipe on numerous occasions over the past three weeks. Additionally, Veolia has also attempted to televise the pipeline, but due to the significant blockage they were unsuccessful in those attempts. District staff, along with the District's Engineer and Veolia Water has concluded that it is in the best interest to immediately replace the sewer line. This determination is the result of the fact that the line cannot be cleared of the blockage by using best practices measures. As a consequence, the line's deterioration and potential for blockage, failure and overflow is severe. This situation requires an emergency condition be declared pursuant to Public Contract Code Section 20168 and immediate action is necessary to protect the public health, safety and welfare.

The type of sewer main in that area is Ductile Iron Pipe (DIP), and is uncommon in Discovery Bay. This type of pipe is susceptible to degradation due to sewage sulfide gases. Most sewer lines in Discovery Bay are clay or PVC and are not susceptible to the same type of degradation as is DIP.

Staff has received four (4) bids for the work to be performed. The bid sheet and respective bidder quotes are attached. Based upon the lowest responsible bidder, staff recommends Conco West Inc be awarded the emergency bid as they were the lowest responsible bidder with a bid amount of \$70,910. Due to the unforeseen nature of underground utilities, staff seeks Board authority to spend up to \$100,000 in the event real time conditions are different than anticipated.

Fiscal Impact:

Amount Requested \$100,000

Sufficient Budgeted Funds Available?: No. Funds will come from Reserves

Prog/Fund # Category: Pers. Optg. Cap. -or- CIP# Fund#

Previous Relevant Board Actions for This Item

N/A

Attachments

Resolution 2011-06; Site Map; Scope of Work; Bid Sheet; Bidder Submittals

AGENDA ITEM: C-1



**TOWN OF DISCOVERY BAY
COMMUNITY SERVICES DISTRICT
RESOLUTION NO. 2011-06**

**A RESOLUTION OF THE BOARD OF DIRECTORS OF THE
TOWN OF DISCOVERY BAY COMMUNITY SERVICES DISTRICT
TO REPLACE AN APPROXIMATE 300' SECTION OF SEWER MAIN
IN THE 2800 BLOCK OF CHERRY HILLS DRIVE DUE TO ITS PENDING FAILURE AND TO
DECLARE AN EMERGENCY CONDITION THAT REQUIRES IMMEDIATE BOARD ACTION**

WHEREAS, Town of Discovery Bay Community Services District ("Town") operates and maintains the sanitary sewer system for the residents of the Town of Discovery Bay CSD; and

WHEREAS, an approximate 300' section of gravity sewer main ("Sewer Main") in the 2800 block of Cherry Hills Drive has an unknown blockage, is highly corroded due to sewage sulfide gases resulting in the metal sewer line to corrode, leading to failure of the line and an emergency condition; and

WHEREAS, the Emergency Condition could cause property damage and injury to persons unless promptly repaired; and

WHEREAS, it is necessary to replace the failing line in an expeditious manner based upon the professional recommendations of the District's Engineer and the District's Wastewater Contractor; and

WHEREAS, pursuant to California Public Contract Code Section 22050 the District may, pursuant to a four-fifths vote of its governing body, may repair or replace a public facility, take any directly related and immediate action required by that emergency, and procure the necessary equipment, services, and supplies for those purposes, without giving notice for bids to let contracts; and

WHEREAS, District staff has obtained four bids for the emergency work with Conco West Inc being the lowest responsible bid in the amount of \$70,910.

NOW, THEREFORE, THE BOARD OF DIRECTORS OF THE TOWN OF DISCOVERY BAY COMMUNITY SERVICES DISTRICT DOES HEREBY RESOLVE AS FOLLOWS:

SECTION 1. That the Board of Directors, pursuant to California Public Contract Code Section 22050, and based on the substantial evidence presented at the special meeting on March 28, 2011, finds that an emergency situation now exists in that the Sewer Main at Cherry Hills Drive is at risk of failing thus requiring immediate action to repair the Sewer Main and that the emergency will not permit a delay resulting from a competitive solicitation of bids submission regarding the repair

SECTION 2. That the Board of Directors delegates to the District's General Manager the authority to enter into a contract with Conco West Inc. in an amount not to exceed \$70,910 and that the Board provides the authority to spend up to \$100,000 in the event real time conditions are different than anticipated.

SECTION 3. The Board of Directors shall review the emergency situation at its next regular meeting; and

SECTION 4. The Board Secretary shall certify the adoption of this Resolution.

PASSED, APPROVED AND ADOPTED THIS 28th DAY OF March 2011.

J. Kevin Graves
Board President

I hereby certify that the foregoing Resolution was duly adopted by the Board of Directors of the Town of Discovery Bay Community Services District at this special meeting, held on March 28, 2011, by the following vote of the Board:

AYES:
NOES:
ABSENT:

Richard J. Howard
Board Secretary

Google maps

To see all the details that are visible on the screen, use the "Print" link next to the map.



The Town of Discovery Bay Community Services District, would like to receive a quote/ bid to replace an existing 292-foot sewer trunk-line on a portion of Cherry Hills Drive, located in Discovery Bay before March 25, 2011.

Currently:

We have two five-foot wide (ID) sewer manholes, which one is about 4-1/2-feet deep (MH #1) and the other about 6-1/2-feet deep (MH #2), starting from the street level going down to top of pipe. Both existing manholes are showing a lot of erosion taking place on the inside cement material, which is coming from the sewer sulfides. There are two existing pipes that travel between these two manholes, and both pipes are DIP, one being 10-inch and the other 8-inch, these two pipes, which we are calling a "Barrel" system, are 12-inches apart, from outside of the 10-inch to the outside of the 8-inch pipe, that are laid parallel to one another all the way down, from manhole to manhole. Both DIP pipes are showing signs of heavy corrosion on the insides of both pipes, and the 10-inch pipe has some type of an unknown partial blockage, which is causing the raw wastewater entering the 10-inch sewer main, to buildup and overflow into the existing 8-inch parallel line, within MH #1. See attached Google Map for site of this work.

Need Quote on / Scope of Work:

Supply labor and materials to have two existing manholes rehabilitated with a "Corrosion Barrier Composite Liner" protective material on the inside and replace both existing 8 & 10-inch DIP sewer main's, of 292-feet in length each, with SDR-35 8 & 10-inch PVC pipe. The 10-inch pipe does not have any side service-lateral's attached, but is served by an existing 6-inch force main, but the 8-inch sewer main has (7), 4-inch service lateral's and the eight one is connected into the side of MH #2, for a total of eight (8) service lateral connections. There are no other flows upstream into MH#1 that would travel down the existing 8-inch DIP pipe, unless the flows overflow from the 10-inch side, which, again is served by a 6-inch force main. Also include in your quote, the install of base-rock from bed of pipe layer to the top of elevation, minus four-inch's for asphalt paving. Asphalt paving should also be included. Asphalt paving needs to extend 12-inches on both sides of the open trench cut. There are no permits required, since this work is on a private road and for the District. We believe there will be some minor ground water to contend with at this depth. Prevailing wages applies here.

Note: At the front /side entrance into MH#1, is the end point of an existing 8000-ft long, 6-inch force main, that dumps or feeds the existing 292-foot long 10-inch DIP gravity flow main, which we would like to replace. So some-type of a bypass will be needed to divert this flow to an existing manhole down stream, until this 292-foot 10-inch pipe is replaced. We are talking about 148,000 gallons per day that would flow into MH#1 from the 6-inch forcemain and travel down towards MH#2, then towards the District's wastewater facilities down-stream from here. Maybe a bypass intake is placed into MH#1 and the output is piped to MH #3?

Cherry Hills
Sewer Pipe
Replacement 03/2011

Contractor	Quote Amt.	
GSE Construction	\$105,900	
JW Backhoe & Const.	\$108,000	District Has used Before
Tidelands Construction	\$120,000	District Has Used Before
Conco West Inc	\$70,910	District Has Used Before



C O N S T R U C T I O N

March 25, 2011

Proposal # 2011008

Virgil Koehne
General Manager
Town of Discovery Bay
1800 Willow Lake Road
Discovery Bay, CA 94505

**RE: Replace Existing 292-Foot Sewer Trunk Line
Cherry Hills Drive, Discovery Bay, CA**

Dear Mr. Koehne,

We are pleased to provide a quotation for the following scope of work:

1. Supply labor and materials to have two existing manholes rehabilitated with a "Corrosion Barrier Composite Liner" protective material on the inside.
2. Replace both existing 8 & 10-inch DIP sewer main's, of 292-feet in length each, with SDR-35 8 & 10-inch PVC pipe. The 10-inch pipe does not have any side service-lateral's attached, but is served by an existing 6-inch force main, but the 8-inch sewer main has (7), 4-inch service lateral's and the eight one is connected into the side of MH #2, for a total of eight (8) service lateral connections. There are no other flows upstream into MH#1 that would travel down the existing 8-inch DIP pipe, unless the flows overflow from the 10-inch side, which, again is served by a 6-inch force main.
3. The quote includes installation of base-rock from bed of pipe layer to the top of elevation, minus four-inch's for asphalt paving.
4. Asphalt paving is also included. Asphalt paving needs to extend 12-inchs on both sides of the open trench cut.
5. There are no permits required, since this work is on a private road and for the District.
6. We will take care of the minor ground water to contend with at the depth of the existing pipelines.
7. Our quote includes the payment of Prevailing Wages.
8. We will also include the diversion of flow from Manhole # 1 to Manhole # 3 as required to maintain the flow of approximately 148,000 gallons per day of sewer.
9. This proposal is based upon the site visit and verbal conversations on 3/24/2011 with Mr. Virgil Koehne.

Conditions;

- GSE will dispose of existing pipe however we will leave any excess dirt at the corporation yard.
- We exclude overtime premiums or weekend work
- Include bypassing of flows as described.

Our price for this work is..... \$105,900.00

This proposal excludes the following items;

- Permits, fees, and/or stamped engineering documents
- Overtime premiums or weekend work
- Hazardous material handling or disposal.
- Any work not specifically included.

Pricing is valid for 30 days.

We appreciate the opportunity to bid on this project. Please feel free to contact me if you have any questions.

Sincerely,

Dominic Gutierrez

Direct: (925) 447-0292 x. 107

Mobile: (925) 525-6176

dgutierrez@gseconstruction.com

*JW Backhoe & Construction, Inc.
PO Box 722
Knightsen, CA 94548
(925) 516-1266*

March 25th, 2011

*To: Town of Discovery Bay
Attn: Virgil Koehne
Job: Cherry Hill Drive Sewer Main Replacement Project*

PROPOSAL

This bid is to replace approximately 292' of 8" and 10" DIP sewer main, with PVC SDR 35 sewer pipe and rehabilitated 2 sewer manholes. The 2 existing manholes will be refurbished and an epoxy liner will be installed inside the manhole, per Town of Discovery Bay's specifications sheet for this job. This price includes the labor, material and equipment needed to remove the existing DIP sewer lines and install the new PVC sewer lines. This price includes backfilling the trench with ¾" recycled AB, per specs, and putting back 4" of Asphalt, per specs. Price also includes Traffic control and a sewer bypass system to handle the proposed 148,000 gallons per day flow, per specs.

Note: To off haul dirt and existing DIP to Town of Discovery Bay's Plant #2.

TOTAL \$108,000.00

(Bid price good for 30 days)

EXCLUSIONS:

1. No permits, No bonds, No fees.
2. No handling of or off hauling of hazardous material.
3. No compaction test.
4. No engineered Traffic control plan.
5. No SWPPP

Note:

Should any legal action be necessary to collect payment, principal sum of this bid and any expenses to JW Backhoe & Construction, Inc. legal or otherwise, to be compensated in full to the prevailing party.



Bobby Williamson
JW Backhoe & Construction, Inc.

I accept proposal _____ date _____
Name position

Specs Per This sheet.

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Virgil Koehne

From: Phillip Toelkes [phillip@tidelandsconstruction.com]
Sent: Friday, March 25, 2011 1:41 PM
To: 'Virgil Koehne'
Subject: RE: Request for Quote - Discovery Bay

Virgil

We inspected the project site and manhole/flow conditions this morning.

We propose to complete the scope of work as describe, complete with manhole rehabilitation, for the lump sum price of \$120,000.00 (ONE HUNDRED TWENTY THOUSAND DOLLARS).

This price excludes a bond. Add \$1,200 for bonds.

Thanks for the opportunity to furnish this proposal. If you have any questions or need additional information please do not hesitate to contact us.

Sincerely,

Philip Toelkes
Tidelands Construction Company
License No. 730493
PO Box 607
9020 Brentwood Blvd., Suite G
Brentwood, CA 94513
Tel: (925)516-4600
Fax: (925)516-4602
Cell: (925)382-0679

From: Virgil Koehne [mailto:vkoehne@todb.ca.gov]
Sent: Wednesday, March 23, 2011 8:39 AM
To: Phillip Toelkes
Subject: Request for Quote - Discovery Bay

Hi Phil,
Say could I get a quote from you on the attached scope of work, which is pretty much what we discussed the other day.
Thanks
Virg

3/25/2011



Cal State License #353199
P.O. Box 1360
Manteca, CA 95336
(209) 239-2110
FAX (209) 239-2384
www.concowestinc.com

March 25, 2011

Town of Discovery Bay

Virgil Koehne – District Manager

Re: Cherry Hills Drive – Sewer Replacement Project

Dear Virgil:

The following is our proposal to furnish labor, materials and equipment to construct the following scope of work on the above referenced project. Our proposal is based on the provided work description as well as our site visit yesterday.

Scope of Work:

8" & 10" Sewer Replacement

- Remove and replace 292 LF of 8" and 10" DIP pipe with 8" & 10" SDR 35 PVC. Replacement includes 100% import CL II A,B backfill and/or ¾" Crush rock if necessary due to wet sub grade. Trench spoils to be hauled and stockpiled at the Discovery Bay WWTP. We assume that the spoils can be left at the WWTP in stockpiles.
- Includes asphalt removal and replacement based on 2" AC with 12" replacement past trench edge on either side. AC to be disposed of off site.

MH #1 & MH # 2 – Re-coating

- Rehab MH's approximately 11VF including blast clean and buildup integrity of MH and apply epoxy coating from MH frame to Flowline of MH's.
- We exclude all bonds, fees or permits.
- We have not included cost for compaction testing.

LUMP SUM: \$ 70,910.00

We appreciate the opportunity to provide a proposal for this project and look forward to working with you in the future.

Sincerely,

**Mike O. DeRousse
Project Estimator**