



NORTH SAN MATEO COUNTY SANITATION DISTRICT

a subsidiary of the City of Daly City

333 – 90TH STREET, DALY CITY, CALIFORNIA 94015-1895

(650) 991-8127



REGULAR MEETING – BOARD OF DIRECTORS

Monday, October 10, 2016 - 6:45 PM
City Hall Council Chambers – 2nd Floor
333 – 90th Street, Daly City, CA 94015

AGENDA

Persons with disabilities who require auxiliary aids or services in attending or participating in this meeting should call the office of the City Clerk at 991-8078. *We will need **FIVE (5) WORKING DAYS BEFORE ANY FUTURE MEETINGS** to make any necessary accommodations.*

CALL TO ORDER:

ROLL CALL:

APPROVAL OF AGENDA:

CONSENT AGENDA

All items listed on the Consent Agenda are considered to be routine and may be approved by one roll call vote of the Board of Directors. There shall be no separate discussion of the matters on the Consent Agenda unless requested by a member of the Board. If discussion is required, that item will be removed from the Consent Agenda and will be considered separately at the end of the Agenda.

Minutes:

1. Regular Meeting of September 12, 2016

END OF CONSENT AGENDA

PUBLIC APPEARANCES/ORAL COMMUNICATIONS:

NOTE: Speakers are limited to two minutes, unless modified by the Chair. The District cannot take action on any matter raised under this item.

***“AVAILABILITY OF PUBLIC RECORDS.** All public records relating to an open session item on this agenda, which are not exempt from disclosure pursuant to the California Public Records Act, that are distributed to a majority of the legislative body will be available for public inspection at the City Clerk’s Office, City Hall located at 333 90th Street, Daly City, CA during normal business hours, at the same time that the public records are distributed or made available to the legislative body.”*

Agenda – Sanitation District

Monday, October 10, 2016

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NEW BUSINESS:

2. Authorization to Secure Sole Source Procurement of Replacement Disinfection System Skid Pumps at the Wastewater Treatment Plant

Staff:

Sweetland/Krauss

Recommended Action:

Adopt Resolution

REPORTS:

3. Board of Directors
4. Staff

ADJOURNMENT:

REGULAR MEETING - BOARD OF DIRECTORS

MINUTES

September 12, 2016

The Board of Directors of the North San Mateo County Sanitation District convened in a Regular Meeting on September 12, 2016, in the City Council Chamber, City Hall, 333 - 90th Street, Daly City, California.

The meeting was called to order by Vice-Chairman David Canepa at 6:52 p.m.

ROLL CALL:

Present: Guingona, Buenaventura, Canepa, Christensen (arrived after End of Consent Agenda)

Absent: Torres

Staff Present: General Manager Patricia Martel, District Counsel Rose Zimmerman, Assistant City Manager Julie Thuy Underwood, Director of Water and Wastewater Resources Patrick Sweetland, Director of Public Works John Fuller, Finance Director Lawrence Chiu, Collections & Distribution Manager Tom Piccolotti, Plant & Equipment Maintenance Manager Joshua Cosgrove, Assistant Director of Public Works/City Engineer Richard Chiu, Senior Civil Engineer Hae Won Ritchie, Engineer I Ryan Brunmeier, Senior Management Analyst Jason Poon, and Emelyn Ponce as Recording Secretary.

APPROVAL OF AGENDA:

Motion was made, seconded (Buenaventura/Guingona) and unanimously approved.

CONSENT AGENDA:

1. **Minutes of Regular Meeting of August 8, 2016**
2. **Revenue and Expenditure Summary Report – May 2016**

Motion was made, seconded (Buenaventura/Guingona) and unanimously carried to adopt the Consent Agenda.

NEW BUSINESS:

3. **Rehabilitation of 27-inch Final Effluent Force Main**

Manager of Collection and Distribution Tom Piccolotti recommended that the Board accepts all bids, award a construction contract to SAK Construction, in the amount of \$385,000 for the subject project and authorize the General Manager to execute the contract. Three authorized pipeline contractors were solicited, but only SAK Construction submitted a formal bid. SAK Construction has been in the business since 2006 and has a valid California Contractor's license in good standing. The project's goal is to clean and install cure in place pipe of approximately 720 linear feet in to District's 27-inch Final Effluent Force Main and expected to be completed by October 7th. Because of at least three incidents over the past four years involving pipe leaks due to corrosion, DWR staff is implementing a five-year program valued at \$1.45 million to rehabilitate the entire portion of the 8,455 linear foot 27-inch Final Effluent Force Main. Staff is also requesting an additional \$217,500 appropriation from Sanitation Fund Balance to fulfill contract award.

Motion was made, seconded (Christensen/Guingona) and unanimously carried to adopt the Resolution No. 16-SD-09, "Award of Construction Contract for Rehabilitation of 27-inch Final Effluent Force Main".

4. **Amend Construction Contract for El Camino Real/D Street, First Ave. & Second Avenue Sewer Main Improvements**

Directory of Water & Wastewater Resources Patrick Sweetland requested that the Board amend the existing construction contract with Cratus, Inc. of San Francisco, California, in the amount of \$281,000 for the subject

project to address unforeseen field conditions that arose along El Camino Real. This contract amendment will increase the total project cost to \$1,048,375. The additional work involves installing an entirely new sewer main under a traveled lane on El Camino Real/State Highway 82. The new pipe alignment is significantly more costly to construct due to traffic control and pavement restoration. The contract for this project was awarded to Cratus, Inc. by Board on February 22, 2016 to replace the old and undersized VCP pipes with pipes made of polyvinyl chloride (PVC) or High-density polyethylene (HDPE), in compliance with current standards. Staff is also requesting an additional \$281,000 appropriation from Sanitation Fund Balance to address the amended contract.

Motion was made, seconded (Buenaventura/Guingona) and unanimously carried to adopt the Resolution No. 16-SD-10, "Amend of Construction Contract for El Camino Real/D Street, First Avenue and Second Avenue Sewer Main Improvements".

5. Award Construction Contract for 2016/17 MRP Trash Capture Program

Public Works Engineer Ryan Brunmeier recommended that the Board award a sole source construction contract to United Storm Water, Inc. of City of Industry, California, in the amount of \$179,970 for the subject project and authorize the General Manager to execute the contract. Mr. Brunmeier also advised the Board to affirm the California Environmental Quality Act (CEQA) determination of a Categorical Exemption. Provision C.10 of the Municipal Regional Stormwater NPDES Permit issued by the Regional Water Quality Board requires permittees to implement control measures to reduce trash loads from storm sewer systems (storm drains). Permittees are required to reduce trash discharges by 70% from 2009 levels by July 1, 2017 with a reduction target of 100% required by July 1, 2022. United Storm Water will manufacture and install 350 new connector pipe screen (CPS) devices that are certified for full trash capture to existing catch basins to prevent trash from entering receiving waters.

Motion was made, seconded (Christensen/Buenaventura) and unanimously carried to adopt the Resolution No. 16-SD-11, "Award of Construction Contract for 2016/17 MRP Trash Capture Program".

REPORTS:

6. Board of Directors

None.

7. Staff

A. SWLA Fall 2016 Campaign

Director Patrick Sweetland informed the Board that the Sewer Line Warranty Program for Sewer Lateral Repairs had been initially mailed to residents on September 2, 2016. The cost is \$9.25 per month or an annual payment of \$106. This covers up to \$4,000 per occurrence plus \$4,000 for public street repair, if needed. Follow-up mail will be sent on September 16, 2016.

ADJOURNMENT:

Motion was made, seconded (Buenaventura/Guingona) and unanimously carried to adjourn the Regular Meeting at 7:04 p.m.



North San Mateo County Sanitation District
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Meeting Date: October 10, 2016

**Subject: Authorization to Secure Sole Source Procurement of Replacement
Disinfection System Skid Pumps at the Wastewater Treatment Plant**

Recommended Action

Authorize the General Manager to secure sole source procurement of replacement disinfection skid pumps at the Wastewater Treatment Plant from Hopkins Technical Products of Brentwood, California in an amount not to exceed \$119,426.

Background

A critical wastewater systems process involves the chlorination of treated final effluent wastewater to destroy any remaining pathogens with sodium hypochlorite and to then neutralize the sodium hypochlorite with sodium bisulfite so there is a zero discharge of chlorine into the receiving waters of the Pacific Ocean consistent with the District's NPDES Waste Discharge Permit. Of late, the treatment plant's sodium hypochlorite and sodium bisulfite chemical treatment systems are reaching the end of their useful life, and when system breakdowns occur, the ability to obtain replacement parts is becoming more challenging due to the age of the units.

Discussion

The current skid mounted disinfection system involves the use of Prominent Pumps and Hopkins Technical Products is the only authorized manufacturer dealer. Prominent Pumps are used throughout the wastewater plant to include alum and ferrous chloride injection as part of tertiary recycled water treatment, and at the City's Citrus and Westlake water pump stations to inject hypochlorite, ammonia and fluoride into the drinking water system. These systems have proven their reliability and Hopkins Technical remains very responsive to expert guidance and customer assistance.

The replacement pump system being proposed has undergone extensive internal review among Operations and Plant & Equipment Maintenance staff. The current skid system consists of two pumps and staff recommends a three-pump system to improve upon system reliability. Under the proposal, staff can alternate pumps on a lead, lag and standby rotational system. Staff is also recommending an increase in pump horse power to improve dosing during high flows. Staff has also worked with Hopkins Technical to improve piping system redundancy so that if one pumping system is isolated for repairs, the remaining two systems can operate without interruption.

Upon acceptance of staff's recommended action, delivery of the new systems is expected within four to six weeks, with joint installation by City staff and Hopkins Technical to take about a week. As proposed, the existing system would remain operational until transitioning over to the new.

Fiscal Impact

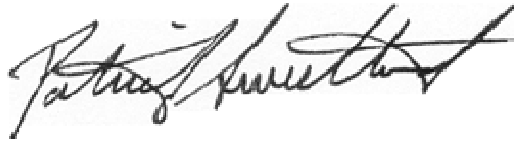
In consultation with the Finance Department, sufficient funds in the amount of \$119,426 are available from Sanitation Fund Balance in order to execute this new procurement. The price includes two redundant skid mounted pumping systems, two associated repair kits, freight and sales tax.

Staff is available to answer any questions or provide any additional information desired by the Chair and Members of the Board of Directors.

Respectfully submitted,



Greg Kraus
Acting Chief of Operations



Patrick Sweetland
Director of Water and Wastewater Resources