

CITY OF SANTA ROSA
BOARD OF PUBLIC UTILITIES

TO: BOARD OF PUBLIC UTILITIES
FROM: MIKE PRINZ, DEPUTY DIRECTOR, UTILITIES OPERATIONS,
WATER DEPARTMENT
SUBJECT: CONTRACT AMENDMENT – AGREEMENT FOR ACCEPTANCE
OF BIOSOLIDS AND LAND APPLICATION No. F001428 WITH
GILARDI & JACOBSEN AG SERVICES, INC.

AGENDA ACTION: MOTION

RECOMMENDATION

The Water Department recommends that the Board of Public Utilities, by motion, approve a four-year amendment to Agreement No. F001428: Agreement for Acceptance of Biosolids and Land Application with Gilardi & Jacobsen Ag Services, Inc., and an associated increase of total compensation of \$87,500.00, for a total five-year contract amount not to exceed amount of \$109,500.00.

EXECUTIVE SUMMARY

Agreement No. F001428 between the City and Gilardi & Jacobsen Ag Services, Inc. ("Contractor"), as approved by City Attorney and City Manager, was executed on June 16, 2017, for a not to exceed compensation amount of \$22,000.00, for spreading of biosolids and agricultural lime at Jacobsen Farm, 5070 Lakeville Highway, Petaluma, CA 94954 during the 2017-2018 Land Application season. (See attached.) The Water Department and the Contractor have negotiated an extension to this agreement for four (4) years, per Section 2 of the Agreement. With this Amendment, the Contractor shall continue to provide the necessary equipment and personnel for spreading biosolids generated at the Laguna Wastewater Treatment Plant ("LTP") and agricultural lime purchased by the City at Jacobsen Farm through April 30, 2022.

BACKGROUND

Santa Rosa Water's Biosolids Management System includes beneficial reuse of approximately 2/3 of the biosolids generated at the LTP via direct application of biosolids to Sonoma County farmlands. Land application of biosolids supplies valuable nutrients to croplands and ultimately enhances fodder crop production.

The Federal 503 regulations for biosolids agricultural land application require the addition of agricultural lime for pH adjustment as needed. The agricultural lime is purchased by the City and delivered to the farms, where it is staged for spreading.

An outside contractor, through agreement with the City, spreads the staged agricultural lime onto the farmlands, then spreads the biosolids onto the fields. Gilardi & Jacobsen Ag Services, Inc., has performed land application services satisfactorily in the past and is familiar with and adheres to Federal 503 and State General Order regulations.

As a result of biosolids application, excessive weeds tend to grow on croplands, primarily because of the added nitrogen and moisture. Herbicide spraying on the areas of the farm that receive biosolids is therefore typically required. The City reimburses the contractor for herbicide spraying of farmland onto which biosolids have been applied.

Jacobsen Farm, located at 5070 Lakeville Highway, Petaluma, CA 94954, has received biosolids through the City's Land Application program on an annual basis since 1993. Biosolids are applied to various fields on a rotating basis as arranged between the City's Biosolids Coordinator and the farm owner. Agreement No. F001428 between the City and Gilardi & Jacobsen Ag Services, Inc., as approved by City Attorney and City Manager, was executed on June 16, 2017, for not to exceed compensation amount of \$22,000.00, for spreading of biosolids and agricultural lime at Jacobsen Farm, 5070 Lakeville Highway, Petaluma, CA 94954 during the 2017-2018 Land Application season.

A separate contractor hauls the biosolids from the LTP to the farmlands, where they are staged for spreading when late spring and summer seasonal conditions allow. Biosolids are composted and stored at Alpha Barn during winter conditions.

PRIOR BOARD OF PUBLIC UTILITIES REVIEW

The biosolids hauling contract referenced above was approved by the Board on January 18, 2018.

ANALYSIS

Based on a comparison of pricing for Biosolids Land Application services provided to the City in recent years by the two local Contractors typically responsive to the City's requests for such services (Gilardi & Jacobsen Ag Services, Inc., and Poncia Fertilizer & Spreading), the Gilardi & Jacobsen Ag Services, Inc. not to exceed pricing of \$109,500.00, after increased amendment compensation of \$87,500.00 (\$21,875.00/year for four years), is considered fair and reasonable.

FISCAL IMPACT

Funds for this operational expense have been allocated in the fiscal year 2017-18 and 2018-19 budgets of the Utilities Department Operational Key number 130807-5321, and will be similarly proposed in the 2019-2020, 2020-21, and 2021-22 budgets of the Water Department Operational Key number 130807-5321.

ENVIRONMENTAL IMPACT

Spreading of City-generated biosolids and agricultural lime is part of the City's Biosolids land application project on City-owned and private lands, which has been reviewed consistent with the California Environmental Quality Act (CEQA), pursuant to (1) Residuals Processing Mitigated Negative Declaration adopted in 1977, (2) the Santa Rosa Subregional Sludge Beneficial Use Project Program EIR certified in 1991, (3) the Management Plan for the Beneficial Reuse of Biosolids by Land Application CEQA TM 2.2 adopted in 1993, and (4) the South County Biosolids Reuse MND adopted in 2010.

BOARD/COMMISSION/COMMITTEE REVIEW AND RECOMMENDATIONS

Not Applicable

ATTACHMENTS

- Attachment 1 – First Amendment to Agreement for Acceptance of Biosolids and Land Application Number F001428 With Gilardi & Jacobsen Ag Services, Inc.
- Attachment 2 – Agreement for Acceptance of Biosolids and Land Application and Owner Consent No. F001428

CONTACT

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