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Department of Utilities
Wastewater Treatment Plant
2006 E Newberry Street
Appleton, WI 54915-3128
920-832-5945 tel.
920-832-5949 fax

TO: Chairperson Greg Dannecker and Members of the Utilities Committee
CC: Utilities Director Chris Shaw
FROM: Environmental Programs Coordinator Brian Kreski
DATE: February 5, 2016
RE: Award the 2016-2018 Biosolids Transportation and Land Application Services Contract to Veolia Environmental Services.

BACKGROUND:

The Appleton Wastewater Treatment Plant (AWWTP) annually land applies approximately 20,000 wet tons of biosolids to agricultural fields as part of the Biosolids Management Program. The program is committed to effectively manage and utilize 100% of the biosolids produced through beneficial use alternatives such as agricultural land application and biosolids composting. Each year the AWWTP has contracted the transportation, land application, and incorporation of approximately 90% of the biosolids produced to permitted agricultural sites for land application as far away as 80 miles (one way).

The AWWTP has been under contract with Veolia since 1999 and has included two extensions during this time period. Veolia has provided the AWWTP with effective biosolids transportation and land application during the contract period ending on December 31, 2015. Given the time elapsed since the last quotation process (1998) it was determined necessary to seek competitive quotes for 2016. Table 1 below summarizes the bid pricing by individual contractors on an annual cost basis. This annual cost is derived by using an internal 5 year volume average and transportation distances.

QUOTATIONS:

The AWWTP sent out a total of nine (9) RFQs with six (6) submitted back for review. On February 1, 2016 the City reviewed the contractor quotes and verified that all contractors met submittal requirements. The following table summarizes the projected service fee structure for each firm over the three year contract period.

Table 1:

Year	Veolia	Full Service Organics Mgmt.	Bytec	Beneficial Reuse Mgmt.	United Liquid Waste	Synagro
2016	\$302,290	\$306,866	\$325,550	\$337,250	\$349,774	\$485,743
2017	\$310,650	\$313,007	\$323,552	\$342,578	\$349,774	\$492,995
2018	\$310,650	\$319,299	\$333,170	\$348,096	\$349,774	\$500,444
3 year	\$923,590	\$939,172	\$982,272	\$1,027,924	\$1,049,323	\$1,479,182

RECOMMENDATION:

I am requesting that the 2016-2018 Biosolids Transportation and Application Services Contract be awarded to Veolia based on the attached service fee summary.

If you have any questions or require additional information regarding this contract award or the AWWTP biosolids program please contact Brian Kreski at 920-832-5945.

Request for Quotation
Biosolids Land Application Services

	Veolia			Full Service Organics			Bytec			Beneficial Reuse Mgmt			United Liquid Waste			Synagro		
	2016	2017	2018	2016	2017	2018	2016	2017	2018	2016	2017	2018	2016	2017	2018	2016	2017	2018
Mileage Range																		
0-15.9	\$10.01	\$10.31	\$10.31	\$10.01	\$10.21	\$10.41	\$13.00	\$13.00	\$13.39	\$10.90	\$11.05	\$11.21	\$10.97	\$10.97	\$10.97	\$13.47	\$13.67	\$13.88
16-20.9	\$10.90	\$11.22	\$11.22	\$10.90	\$11.12	\$11.34	\$13.00	\$13.00	\$13.39	\$11.24	\$11.40	\$11.56	\$11.67	\$11.67	\$11.67	\$14.93	\$15.15	\$15.38
21-25.9	\$11.47	\$11.81	\$11.81	\$11.47	\$11.70	\$11.93	\$13.00	\$13.00	\$13.39	\$12.08	\$12.26	\$12.44	\$12.42	\$12.42	\$12.42	\$16.33	\$16.57	\$16.82
26-30.9	\$12.56	\$12.93	\$12.93	\$12.56	\$12.81	\$13.07	\$14.95	\$14.95	\$15.40	\$12.93	\$13.12	\$13.32	\$13.20	\$13.20	\$13.20	\$17.73	\$18.00	\$18.27
31-35.9	\$12.76	\$13.14	\$13.14	\$12.56	\$12.81	\$13.07	\$14.95	\$14.95	\$15.40	\$13.69	\$13.90	\$14.11	\$14.00	\$14.00	\$14.00	\$19.12	\$19.41	\$19.70
36-40.9	\$13.00	\$13.39	\$13.39	\$13.00	\$13.26	\$13.53	\$14.95	\$14.95	\$15.40	\$14.54	\$14.77	\$14.99	\$14.86	\$14.86	\$14.86	\$20.52	\$20.83	\$21.14
41-45.9	\$13.50	\$13.90	\$13.90	\$13.50	\$13.77	\$14.05	\$16.95	\$16.95	\$17.43	\$15.39	\$15.63	\$15.87	\$15.80	\$15.80	\$15.80	\$21.95	\$22.28	\$22.61
46-50.9	\$14.01	\$14.43	\$14.43	\$14.01	\$14.29	\$14.58	\$16.95	\$16.95	\$17.43	\$16.15	\$16.41	\$16.67	\$16.74	\$16.74	\$16.74	\$23.38	\$23.73	\$24.09
51-55.9	\$14.91	\$15.35	\$15.35	\$15.41	\$15.72	\$16.03	\$16.95	\$16.95	\$17.43	\$17.00	\$17.27	\$17.55	\$17.68	\$17.68	\$17.68	\$24.78	\$25.15	\$25.53
56-60.9	\$15.41	\$15.87	\$15.87	\$16.12	\$16.44	\$16.77	\$19.00	\$19.00	\$19.57	\$17.76	\$18.05	\$18.34	\$18.62	\$18.62	\$18.62	\$26.17	\$26.56	\$26.96
61-65.9	\$16.12	\$16.60	\$16.60	\$16.93	\$17.27	\$17.62	\$19.00	\$19.00	\$19.57	\$18.53	\$18.83	\$19.13	\$19.56	\$19.56	\$19.56	\$27.60	\$28.01	\$28.43
66-70.9	\$16.93	\$17.43	\$17.43	\$17.75	\$18.11	\$18.47	\$22.25	\$22.25	\$22.91	\$19.29	\$19.61	\$19.93	\$20.50	\$20.50	\$20.50	\$29.03	\$29.47	\$29.91
71-75.9	\$17.75	\$18.28	\$18.28	\$17.95	\$18.31	\$18.68	\$23.95	\$22.25	\$22.91	\$20.05	\$20.39	\$20.72	\$21.44	\$21.44	\$21.44	\$30.43	\$30.89	\$31.35
76-80.9	\$19.03	\$19.60	\$19.60	\$19.15	\$19.53	\$19.92	\$25.95	\$25.95	\$26.72	\$20.82	\$21.17	\$21.52	\$22.35	\$22.35	\$22.35	\$31.83	\$32.31	\$32.79
Straw cost/bale	\$5.00	\$5.00	\$5.00	\$5.00	\$5.10	\$5.20	\$1,500 /year	\$1,500 /year	\$1,500 /year	\$5.00	\$5.25	\$5.50	\$5.00	\$5.00	\$5.00	\$8.83	\$8.96	\$9.10
Incorporating cost/acre	\$24.00	\$24.00	\$24.00	\$17.78	\$18.14	\$18.50	\$2,000/ year	\$2,000 /year	\$2,000 /year	\$18.00	\$18.25	\$18.50	\$17.50	\$17.50	\$17.50	\$18.85	\$19.13	\$19.42