



1202 Muscatine Street
Muscatine, IA 52761-1645
(563) 263-2752
Fax (563) 263-3770

MEMORANDUM

WATER & RESOURCE RECOVERY FACILITY

To: Gregg Mandsager, City Administrator

CC: Nancy Lueck, Finance Director
Cinda Hilger, Secretary

From: Jon Koch, WRRF Director

Date: August 8, 2019

Re: Dragline Hose Purchase

INTRODUCTION: The WRRF has received three quotes for the purchase of two 660 foot sections of 5 inch Snaptite polyurethane dragline hose for the Biosolids Department. The low bid from Hydro Engineering was \$10,530.00. \$15,000.00 was budgeted for this item.

BACKGROUND: The Biosolids Department needs to replace two sections of the hose pulled behind the tractor while injecting biosolids into the application fields. This hose is drug over the ground and after approximately 10 years of use they become thin and are prone to breaking. Clean-up during a rupture stops the entire operation. Regular replacement of the hose is necessary for continuous operation. The department is upsizing the hose from 4.5" to 5" due to lack of availability of 4.5" hose and the ability to apply more biosolids per acre. Eldon C. Stutsman and Puck Enterprises quoted \$12,900.00 and \$11,800.00 respectively.

RECOMMENDATION/RATIONALE: Staff recommends the purchase of two 660 foot sections of Snaptite polyurethane dragline hose from Hyro Engineering for \$10,530.00.