

EXECUTIVE BRIEF REGULAR MEETING

AGENDA DATE: November 17, 2020

DEPARTMENT: Water Utilities

TITLE:

Agreement with Shannon Chemical Corporation to purchase SNC-N2 (blend of phosphates) for distribution system corrosion inhibitor

SUMMARY:

This Agreement authorizes the purchase SNC-N2 (blend of phosphates) for the City of Lake Worth Beach Water Utilities for the period of three years from Shannon Chemical Corporation.

BACKGROUND AND JUSTIFICATION:

The National Primary Drinking Water Regulations require all community water systems to monitor for lead and copper and establishes corrosion control treatment requirements. Phosphate is a necessary chemical at the City of Lake Worth Beach Water Treatment Plant (WTP) to control corrosion, thereby limiting lead and copper in the drinking water. Since the WTP began dosing SNC-N2 Phosphate, it has proven to be a successful method of corrosion control.

This product also meets the no zinc requirement of the City of Lake Worth Beach Power Plant, which uses the WTP water in its cooling towers. The maximum contaminant level (MCL) for zinc cannot exceed 0.49 mg/L as zinc discharged off the cooling towers into sanitary sewers. The requirement to meet this zinc discharge is part of the permit C95103113 of the City of West Palm Beach Sewer Use Ordinance 4414-12.

Shannon Chemical Corporation specifically formulated SNC-N2 Phosphate to meet the WTP no zinc requirements and has been the single source provider of this product for the past 25 years. It is the City's intent to enter into the Agreement for the purchase of SNC-N2 Phosphate, and the procurement division concurs with this sole source purchase.

MOTION:

Move to approve/disapprove the agreement to purchase SNC-N2 (blend of phosphates) from Shannon Chemical Corporation.

ATTACHMENT(S):

Fiscal Impact Analysis
Agreement

FISCAL IMPACT ANALYSIS

A. Five Year Summary of Fiscal Impact:

Fiscal Years	2021	2022	2023	2024	2025
Capital Expenditures	0	0	0	0	0
Operating Expenditures	\$50,000	\$50,000	\$50,000	0	0
External Revenues	0	0	0	0	0
Program Income	0	0	0	0	0
In-kind Match	0	0	0	0	0
 Net Fiscal Impact	 \$50,000	 \$50,000	 \$50,000	 0	 0
 No. of Addn'l Full-Time Employee Positions	 0	 0	 0	 0	 0

B. Recommended Sources of Funds/Summary of Fiscal Impact:

Account Number	Account Description	Project Number	FY21 Budget	Current Balance	Agenda Expenditure	Balance
402-7022-533.52-30	Operating Supplies/Chemicals	N/A	\$450,000.00	\$167,281.70	-\$50,000.00	\$117,281.70