

CITY OF HIGH POINT

AGENDA ITEM



Title: Chemical Bid – Sludge Thickening and Dewatering Polymer

From: Terry Houk – Public Services Director

Derrick Boone, Asst. Public Services Director

Meeting Date:

September 18, 2017

Public Hearing: No

Advertising Date:

July 12, 2017

Advertised By:

Purchasing Department

Attachments: Attachment – Bid Tabulation Sheet

PURPOSE:

This product is used at the City's wastewater treatment facilities.

BACKGROUND:

Polymer is used to thicken and dewater solids as part of the wastewater treatment process. This contract is for the supply of the chemical to each of the following plants:

Eastside Wastewater Treatment Plant (WWTP)

Westside Wastewater Treatment Plant (WWTP)

Performance compliance testing has been completed at both wastewater treatment plants and the polymer product bid by Polydyne has met the performance testing requirements. The contract will be awarded for a three-year period beginning October 1, 2017 and ending September 30, 2020, with the option to renew for two additional one (1) year periods if terms and pricing are agreeable to both parties.

BUDGET IMPACT:

Funds for this are available in the FY 2017-2018 operating budgets.

RECOMMENDATION / ACTION REQUESTED: The Public Services Department recommends awarding the contract to Polydyne Inc. at the price of \$0.75 per neat pound. The annual award amount is \$120,614.00 based on estimated usage.



**FORMAL BID RECOMMENDATION
REQUEST FOR COUNCIL APPROVAL**

DEPARTMENT: **Public Services**

COUNCIL AGENDA DATE: **September 18, 2017**

BID NO.: **07-082317** CONTRACT NO.: DATE OPENED: **Aug 23, 2017**

DESCRIPTION:

The chemical bid is for the purchase of sludge thickening and dewatering polymer for the treatment of wastewater. The contract price is for \$0.75 per neat pound of polymer.

PURPOSE:

The chemical is used to thicken and dewater sludge at the Eastside and Westside Wastewater Treatment Plants as part of the wastewater treatment process.

COMMENTS:

Polymer performance compliance testing has been completed at both wastewater treatment plants and the product bid by Polydyne has met the performance requirements.

RECOMMEND AWARD TO: **Polydyne Inc.** AMOUNT: **\$120,614.00**

JUSTIFICATION:


Polydyne Inc. is the lowest responsible bidder.

ACCOUNTING UNIT	ACCOUNT	ACTIVITY	CATEGORY	BUDGETED AMOUNT
621759	526103			\$113,774.00
621753	526103			\$6,840.00
TOTAL BUDGETED AMOUNT				\$120,614.00

DEPARTMENT HEAD: **Terry Houk** Digitally signed by Terry Houk
DN: cn=Terry Houk, o=City of High Point, ou=Public Services, email=terry.houk@highpointnc.gov, c=US
Date: 2017.09.07 12:27:16 -0400 DATE: **Sep 7, 2017**

The Purchasing Division concurs with recommendation submitted by the **Public Services** and recommends award to the lowest responsible, responsive bidder **Polydyne Inc.** in the amount of \$ **120,614.00**.

PURCHASING MANAGER: **Erik Conti** Digitally signed by Erik Conti
DN: cn=Erik Conti, o=eu, email=erik.conti@highpointnc.gov, c=US
Date: 2017.09.07 12:45:54 -0400 DATE: **Sep 7, 2017**

Approved for Submission to Council
FINANCIAL SERVICES DIRECTOR:  Digitally signed by Jeffrey A. Moore
DN: cn=Jeffrey A. Moore, o=City of High Point, NC, ou=Financial Services Director, email=jfmoore@highpointnc.gov, c=US
Date: 2017.09.07 16:45:55 -0400 DATE: **Sep 7, 2017**

CITY MANAGER: **Greg Demko** Digitally signed by Greg Demko
DN: cn=Greg Demko, o=High Point, ou=High Point, email=greg.demko@highpointnc.gov, c=US
Date: 2017.09.11 09:34:00 -0400 DATE: **Sep 11, 2017**

BID TABULATION
Bid 07-082317 Sludge Thickening and Dewatering Polymer

	Eastside Centrifuge			Westside Centrifuge			Westside RDT			
QTY	4,000			850			570			
UOM (Neat Pounds)	LBS			LBS			LBS			
VENDOR	UNIT COST	DOSAGE	TOTAL	UNIT COST	DOSAGE	TOTAL	UNIT COST	DOSAGE	TOTAL	TOTAL BID PRICE
Atlantco-SC	0.757	32	\$ 96,897.00	0.757	39	\$25,095.00	0.757	15	\$6,475.00	\$128,467.00
BASF Corporation	0.749	34.8	\$104,260.80	0.749	55.5	\$35,334.08	0.749	24.5	\$10,459.76	\$150,054.66
Solenis LLC	0.956	26	\$ 99,424.00	0.956	67	\$54,444.20	0.963	9	\$4,940.19	\$158,808.39
Polydyne Inc	0.78	30	\$ 93,600.00	0.78	40.5	\$26,851.50	0.78	16	\$7,113.60	\$127,565.10
Polydyne Inc	0.75	29	\$ 87,000.00	0.75	42	\$26,775.00	0.75	16	\$6,840.00	\$120,615.00