

# CITY OF HIGH POINT

## AGENDA ITEM



### **Title: Alum Sludge Dewatering Ward Water Treatment Plant**

**From:** Terry Houk – Public Services Director  
Carol McDowell – Asst. Director Public Services

**Meeting Date:** April 13, 2015

**Public Hearing:** N/A

**Advertising Date:** March 22, 2015  
**Advertised By:** City of High Point

**Attachments:** Attachment A – 26-031815 Bid Tabulation  
Attachment B – Picture of Past Dewatering at Plant Lagoons

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**PURPOSE:** The City budgets for the dewatering of the lagoons at Ward Water Treatment Plant. The Purchasing Department, with specifications from Public Services, issued bid documents for removal of the Alum Sludge from the storage lagoons at the Ward Water Treatment Plant.

**BACKGROUND:** The water treatment process at Ward involves the removal of suspended solids in the raw water from the lakes. To help facilitate this process Aluminum Sulfate is added. The solids are removed and temporarily stored in the two lagoons on site. Every 12 to 24 months the settled solids (aka alum sludge) need to be excavated as the lagoons “fill”.

The work for this excavation was issued in Bid 26-031815. Bids were received on March 18, 2015 from five (5) companies. The low bidder was American Process Group, Inc.

### **BUDGET IMPACT:**

Funds for this project are in the following account: **421779-527101-421001012670-40215**

**RECOMMENDATION / ACTION REQUESTED:** Public Services request the Council approval to American Process Group, Inc. for \$1,086,468.<sup>00</sup>.



**FORMAL BID RECOMMENDATION  
REQUEST FOR COUNCIL APPROVAL**

DEPARTMENT: **Public Services**

COUNCIL AGENDA DATE: **April 13, 2015**

BID NO.: **26-031815** CONTRACT NO.:  DATE OPENED: **March 18, 2015**

**DESCRIPTION:**

**Alum Sludge Dewatering-Ward Water Treatment Plant  
Capital Project WS-0126 Alum Sludge Removal**

**PURPOSE:**

**Remove Sediment Sludge From The Settling Lagoons at The Ward Water Plant**

**COMMENTS:**

RECOMMEND AWARD TO: **American Process Group, Inc.** AMOUNT: **\$1,086,468.00**

**JUSTIFICATION:**

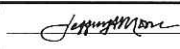
**Low Bid**

ACCOUNTING UNIT	ACCOUNT	ACTIVITY	CATEGORY	BUDGETED AMOUNT
421779	527101	421001012670	40215	\$1,465,765.00
TOTAL BUDGETED AMOUNT				\$1,465,765.00

DEPARTMENT HEAD: **Terry L. Houk** Digitally signed by Terry L. Houk  
DN: cn=Terry L. Houk, o=Public Services, ou=City of  
High Point, email=terry.houk@highpointnc.gov, c=US  
Date: 2015.04.01 09:15:36 -0400 DATE: **Apr 1, 2015**

**The Purchasing Division concurs with recommendation submitted by the **Public Services** and recommends  
award to the lowest responsible, responsive bidder **American Process Group** in the amount of \$ **1,086,468.00**.**

PURCHASING MANAGER: **Tarinda Chappell** Digitally signed by Tarinda Chappell  
DN: cn=Tarinda Chappell, o=City of High Point, ou=Purchasing,  
email=tarinda.chappell@highpointnc.gov, c=US  
Date: 2015.04.01 09:24:07 -0400 DATE: **Apr 1, 2015**

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=jmoore@highpointnc.gov, c=US  
Date: 2015.04.01 10:57:30 -0400 DATE: **Apr 2, 2015**

CITY MANAGER: **Greg Demko** Digitally signed by Greg Demko  
DN: cn=Greg Demko, o, ou, email=greg.demko@highpointnc.gov,  
c=US  
Date: 2015.04.06 10:28:01 -0400 DATE: **Apr 6, 2015**

**BID TABULATION**  
**ALUM SLUDGE DEWATERING – WARD WATER TREATMENT PLANT**  
**BID #26-031815**

VENDOR	UNIT PRICE	EXTENDED PRICE	MOBILIZATION	TOTAL (Base Bid With Mobilization)
<b>American Process Group, Inc.</b>	<b>\$380.57</b>	<b>\$913,368.00</b>	<b>\$173,100.00</b>	<b>\$1,086,468.00</b>
Bio-Nomic Services, Inc.	\$530.00	\$1,272,000.00	\$51,000.00	\$1,323,000.00
Merrell Brothers, Inc.	\$484.00	\$1,161,600.00	\$85,200.00	\$1,246,800.00
P&H Senesac, Inc.	\$528.50	\$1,268,400.00	\$44,000.00	\$1,312,400.00
Synagro	\$530.00	\$1,272,000.00	\$99,440.00	\$1,371,440.00

**Attachment B** – Agenda Item - Alum Sludge Dewatering at Ward Water Treatment Plant  
Past Project Picture



Agenda Item April 16, 2015