



**MEMORANDUM**

**Date:** November 22, 2013

**To:** Allen Oliver, Assistant City Manager

**From:** Terry Houk, Interim Director of Public Services (TCH)

**Re:** Agenda Item

I respectfully request that the following be included for consideration on the next Council Agenda:

Acceptance of low bid submitted by Shook Construction Company for Westside WWTP – Phase 3 Improvements

This project will complete the upgrade of the Westside WWTP by converting the existing extended aeration system to a Biological Nutrient Removal (BNR) system. Upon completion and acceptance by the City of High Point the Westside WWTP will be permitted initially to treat 8.2 MGD (currently permitted at 6.2 MGD). After completion of the Rich Fork Creek stream restoration project, the plant will be permitted to treat 10.0 MGD if the testing in the stream meets the restoration model criteria.

Public Services is recommending the bid be accepted for:

Westside WWTP Phase 3 Improvements     \$24,911,200.00

Funding for this project will come from 2014 Revenue Bonds.

Cc: Chris Thompson  
Jeff Moore  
Tarinda Chappell  
John Hodges  
Chip Vanderzee  
File

4011 WestChase Blvd.  
Suite 500  
Raleigh, NC 27607

919 833-7152  
hazenandsawyer.com

November 22, 2013

Mr. Chris Thompson  
Public Service Director  
City of High Point  
P.O. Box 230  
High Point, North Carolina 27261

Re: Westside Wastewater Treatment Plant  
Improvements Phase 3  
Bid No. 27-112013

Dear Mr. Thompson:

Bids for the construction of the Westside Wastewater Treatment Plant Improvements Phase 3 Project were received on November 20, 2013. Eight pre-qualified general contractors submitted bids and the certified bid tabulation is attached.

Shook Construction Company is the apparent low bidder with a total bid of \$25,045,200. The average of the eight bids received was \$28,335,400. The engineer's estimate of probable cost was \$28,603,000; so the apparent low bidder is well below the engineer's estimate. Upon detailed review, their bid was determined to be in order and in accordance with the requirements of the Notice to Bidders.

The bid documents allowed for several deductive alternates to major equipment. Hazen and Sawyer reviewed the bids from the eight bidders and determined that there is no combination of deductions that would result in a lower lump sum bid from any other bidder. Shook Construction Company included a \$134,000 deduct for providing vertical mixers manufactured by Lightnin in lieu of vertical mixers manufactured by the base bid Philadelphia Mixing Solutions. Hazen and Sawyer obtained detailed equipment information from Lightnin to confirm adherence to the Contract Documents. As a result of this review, it was determined that the equipment meets the specifications and Hazen and Sawyer recommends accepting the deduction offered for providing this equipment.

Hazen and Sawyer reviewed and recommended approval of the Contractor's Pre-Qualification Documents in May 2012 and recertified the Pre-Qualifications in August 2013 and determined Shook Construction Company to be qualified for this project. We recommend that the City of High Point proceed with award to the low bidder, Shook Construction Company in the amount of \$24,911,200 (including the deduction described above). Please do not hesitate to call if you have any questions.

Very truly yours,  
Hazen and Sawyer, P.C.



C. Todd Johnson, P.E.  
Senior Associate

cc: Terry Houk, City of High Point



City of High Point, NC  
Westside WWTP Improvements Phase 3  
Single Prime Contract 1

BID TABULATION

Bid Date: November 20, 2013  
Bid Opening Time: 2:00 p.m.  
Bid Number 27-112013

Pre Qualified Contractors:	License Number	Addenda Confirmed	Affidavit A or B and H	Bid Security	Bid Item A	Bid Item B	Lump Sum Bid Amount	Alternate 11150 - NRCY Pumps	Alternate 11240 - Mixers
Adams Robinson	2705015998	Y	Y	Y	\$27,653,000.00	\$578,000.00	\$28,231,000.00		
Crowder Construction	2104	Y	Y	Y	\$28,604,000.00	\$246,000.00	\$28,850,000.00		(\$133,500.00)
Garney/Encore	25801	Y	Y	Y	\$27,616,000.00	\$344,000.00	\$27,960,000.00		(\$85,000.00)
English Construction	8786	Y	Y	Y	\$28,347,600.00	\$548,400.00	\$28,896,000.00	(\$200,000.00)	(\$134,000.00)
PC Construction	6142	Y	Y	Y	\$26,496,000.00	\$338,000.00	\$26,834,000.00	(\$250,000.00)	
Shook Construction	21618	Y	Y	Y	\$24,465,400.00	\$579,800.00	\$25,045,200.00		(\$134,000.00)
State Utilities	17793	Y	Y	Y	\$27,392,000.00	\$532,000.00	\$27,924,000.00		(\$133,500.00)
T.A. Loving Co.	325	Y	Y	Y	\$32,323,000.00	\$780,000.00	\$33,103,000.00		(\$60,000.00)

CERTIFICATION

The bids tabulated herein were opened and read aloud at 2:00 p.m. on the 20th day of November, 2013 at the Municipal Office Building in the City of High Point, NC. The tabulation is correct in that it lists the Bid Item Amounts and the Lump Sum Base Bid Amount as presented in the original price proposals from each bidder.

HAZEN AND SAWYER, P.C.

  
C. Todd Johnson, P.E.  
Senior Associate



**FORMAL BID RECOMMENDATION  
REQUEST FOR COUNCIL APPROVAL**

DEPARTMENT: **Public Services**

COUNCIL AGENDA DATE: **December 2, 2103**

BID NO.: **27-112013**

CONTRACT NO.:

DATE OPENED: **11/20/2013**

**DESCRIPTION:**

**Westside WWTP Phase 3 Upgrade**

**PURPOSE:**

**Final phase to upgrade and expand Westside WWTP from 6.2 MGD to 8.2 MGD and ultimately to 10.0 MGD**

**COMMENTS:**

**This phase will complete the upgrade and expansion of the Westside WWTP.**

RECOMMEND AWARD TO: **Shook Construction Company**

AMOUNT: **\$24,911,200.00**

**JUSTIFICATION:**

**Lowest bid**

ACCOUNTING UNIT	ACCOUNT	ACTIVITY	CATEGORY	BUDGETED AMOUNT
421779	533701	Revenue Bonds		\$33,000,000.00
TOTAL BUDGETED AMOUNT				

DEPARTMENT HEAD:

**Terry L. Houk**

Digitally signed by Terry L. Houk  
DN: cn=Terry L. Houk, o=City of High Point, email=terry.houk@highpointnc.gov, c=US  
Date: 2013.11.22 16:41:00 -0500

DATE: **November 22, 2013**

**The Purchasing Division concurs with recommendation submitted by the **Public Services** and recommends award to the lowest responsible, responsive bidder **Shook Construction Co.** in the amount of \$ **24,911,200.00****

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: 2013.11.22 16:48:21 -0500

DATE: **Nov 22, 2013**

Approved for Submission to Council

FINANCIAL SERVICES DIRECTOR: **Jeffrey Moore**  
**20130620-173418**

Digitally signed by Jeffrey Moore  
DN: cn=Bank of America, o=Bank of America Credit Certificate CA - 03, ou=Bank of America - High Point, City, NC, email=jmoores@BOACNC.org, email=jeff.moore@highpointnc.gov  
Date: 2013.11.22 07:11:09 -0500

DATE: **Nov 22, 2013**

CITY MANAGER: **Strib Boynton**

Digitally signed by Strib Boynton  
DN: cn=Strib Boynton, o=Administration, ou=City of High Point, email=cindy.smith@highpointnc.gov, c=US  
Date: 2013.11.25 08:39:14 -0500

DATE: **Nov 25, 2013**