

# CITY OF HIGH POINT

## AGENDA ITEM



### **Title: Ward Water Treatment Plant Safety Improvements**

**From:** Terry Houk – Public Services Director  
William Frazier, Laboratory Manager  
Wendell Pickett, Water Plant Superintendent

**Meeting Date:** June 20, 2016

**Public Hearing:** N/A

**Advertising Date:** May 25, 2016  
**Advertised By:** City of High Point

**Attachments:** Attachment A – 65-060216 Bid Tabulation  
Attachment B – Bid Recommendation Letter

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### **PURPOSE:**

The City budgets funds to address safety issues at the Ward Water Treatment Plant.

### **BACKGROUND:**

Safety issues were identified during inspections that require the City to correct to avoid potential OSHA issues. The issues were: Replacement of safety showers, a leaking chemical tank and replacement of hypochlorite day tanks and the feed pumps.

The work to address these issues was issued in Bid 32-041515. Bids were received on June 2, 2016 from three (3) companies. The low bidder is T.A Loving Company.

### **BUDGET IMPACT:**

Funds for this project are in the following account: **421779-533701-421141026620-40202**

### **RECOMMENDATION / ACTION REQUESTED:**

Public Services is recommending that Council approve awarding contract to T. A. Loving Company in the amount of \$483,000 to correct these safety issues.



FORMAL BID RECOMMENDATION  
REQUEST FOR COUNCIL APPROVAL

DEPARTMENT: Public Services

COUNCIL AGENDA DATE: June 20, 2016

BID NO.: 65-060216 CONTRACT NO.: DATE OPENED:

DESCRIPTION:

Ward Water Treatment Plant - Safety Improvements including replacing a leaking chemical tank and replacing all hypochlorite day tanks and feed pumps.

PURPOSE:

Safety Improvements including replacing a leaking chemical tank and replacing all hypochlorite day tanks and feed pumps.

COMMENTS:

This project will address multiple safety improvements for the Ward Water Treatment Plant.

RECOMMEND AWARD TO: T.A. Loving AMOUNT: 483,000.00

JUSTIFICATION:

The lowest bidder on complete project, T.A. Loving, is a properly licensed utility contractor and capable of performing the work required by the Contract. T.A. Loving has also successfully completed other projects at this facility.

ACCOUNTING UNIT	ACCOUNT	ACTIVITY	CATEGORY	BUDGETED AMOUNT
421779	533701	421141026620	40202	\$483,000.00
TOTAL BUDGETED AMOUNT				

DEPARTMENT HEAD: Terry Houk DATE: Jun 7, 2016

The Purchasing Division concurs with recommendation submitted by the Public Services and recommends award to the lowest responsible, responsive bidder T.A. Loving in the amount of \$ 483,000.00

PURCHASING MANAGER: Erik S. Conti DATE: Jun 8, 2016

Approved for Submission to Council  
FINANCIAL SERVICES DIRECTOR: DATE: Jun 10, 2016

CITY MANAGER: Greg Demko DATE: Jun 10, 2016

June 7, 2016

Re: City of High Point, NC  
Ward WTP  
Bid No. 65-060216  
DMP Project No. 150501 (AL)

Mt. Terry Houk  
Director of Public Services  
City of High Point  
PO Box 230  
High Point, NC 27261

Dear Terry:

Bids were received by the Purchasing Department on June 2, 2016 for the above referenced project. A total of three (3) bids were submitted and read, as summarized below.

This project was setup with a Base Bid for Safety Improvements only, and with alternate bid items for replacing a leaking chemical tank (B1) and replacing all hypochlorite day tanks and feed pumps (B2).

The alternates were setup in this fashion due to the anticipated availability of funds.

	<b>Muter Construction</b>	<b>T.A. Loving</b>	<b>Gilbert Engineering</b>
Base Bid	\$ 202,669.00	\$ 221,400.00	\$ 242,000.00
Base + B1	\$ 252,651.00	\$ 252,000.00	\$ 308,000.00
Base + B1 + B2	\$ 571,367.00	\$ 483,000.00	\$ 633,000.00

Muter Construction was the low bidder if only the Base Bid Safety improvements are awarded. T.A. Loving Company would be the lowest bidder if either or both Alternate bids are awarded. TA Loving's price for the complete project including alternates (B1 & B2) is considerably less than the other bidders, and is the most cost effective way to upgrade the hypochlorite feed system. It is our understanding that funding has been identified for the complete project.

The lowest bidder on the complete project, TA Loving Company, is a properly licensed utility contractor and is capable of performing the work required by the Contract. TA Loving has also successfully completed other projects at the Ward WTP.

Based upon the information presented above, DMP recommends the City of High Point City Council consider awarding this contract to TA Loving Company in the amount of \$483,000.


Upon City Council's approval, we will prepare the Construction Contracts and schedule a pre-construction conference. We have enclosed the certified bid tabulation, the original bid documents from all bidders and the low bidder's MBE documentation (Affidavit C) has been requested.

We greatly appreciate the opportunity to provide this design service for the City and look forward to the project's timely and satisfactory completion.

If you have any questions or need additional information, please feel free to call.

Sincerely,

DAVIS • MARTIN • POWELL & ASSOCIATES

A handwritten signature in cursive script that reads "Ben Palmer /dd". The signature is written in dark ink and is positioned above a horizontal line.

Ben Palmer, PE

/dd

c: Mr. Erik Conti  
File


BID TABULATION

		Muter Construction LLC 100 N. Arendell Avenue Zebulon, NC 27597	T.A. Loving Company PO Drawer 919 Goldsboro, NC 27533	Gilbert Engineering Company PO Box 828 Statesville, NC 28687
ITEM	DESCRIPTION	AMOUNT	AMOUNT	AMOUNT
PART A - BASE BID SAFETY IMPROVEMENTS				
A1.	Caustic Bulk Storage Area	\$74,944.00	\$88,500.00	\$86,000.00
A2.	Hypochlorite Bulk Storage Area	\$60,964.00	\$54,000.00	\$70,000.00
A3.	Polymer Building	\$66,761.00	\$78,900.00	\$86,000.00
TOTAL BASE BID: (Sum of Items A1, A2 & A3)		\$202,669.00	\$221,400.00	\$242,000.00
PART B - ALTERNATE BID ITEMS - CHEMICAL FEED IMPROVEMENTS				
B1.	Hypochlorite Day Tank Replacement	\$49,982.00	\$30,600.00	\$66,000.00
B2.	Hypochlorite Feed Improvements	\$318,716.00	\$231,000.00	\$325,000.00
		MANUFACTURER	MANUFACTURER	MANUFACTURER
B3	33 16 10 Chemical Storage Tank		Poly-Processing	Poly-Processing
	46 33 33.45 Chemical Feed Pump		Milton Roy	Milton Roy
PART C - ALTERNATE BID ITEMS - PREFERRED EQUIPMENT				
C1.	Provide Milton Roy Chemical Pumps	\$0.00	\$0.00	\$0.00
	Division of Work			
	General Construction	Muter Construction LLC	TA Loving Co	Gilbert Engineering Company
	Electrical Construction	A&J Electrical	Via Electric Co	A&J Electrical
	Plumbing Construction	Carter Industrial	Industrial HVAC	Gilbert Engineering Company

THIS IS TO CERTIFY THAT THIS TABULATION IS CORRECT AND A TRUE AND  
ACCURATE COPY OF THE BIDS SUBMITTED, THIS THE 2ND DAY OF JUNE, 2016.

Davis • Martin • Powell & Associates

By:

  
Michael L. Slusher



Date: June 17, 2016

To: Randy McCaslin, Deputy City Manager  
Cindy-Duncan Smith, Executive Assistant

From: Terry L. Houk, Public Services Director

Subject: Supplemental Information on Ward Water Treatment Agenda Item

Per our discussion, below is a breakdown of the bids and how we have arrived at the \$483,000 award recommendation:

	Muter Construction	TA Loving Company	Gilbert Engineering
A1 – Base Bid	\$ 202,669.00	\$ 221,400.00	\$ 242,000.00
B1 – Alt Bid #1	\$ 49,982.00	\$ 30,600.00	\$ 66,000.00
B2 – Alt Bid #2	\$ 318,716.00	\$ 231,000.00	\$ 325,000.00
<b>Total (A1+B1+B2)</b>	<b>\$ 571,367.00</b>	<b>\$ 483,000.00</b>	<b>\$ 633,000.00</b>

In summary, each bid item included the following:

Base Bid (A1) – Furnish and install emergency eyewash/shower units & provisions for tepid water (i.e. heater) at the Bulk Caustic Storage area, Polymer Building and Bulk Hypochlorite Storage area.

Alt Bid #1 (B1) – Replace one (1) existing 1,500-gallon Hypochlorite Day Tank, which is currently leaking and unusable.

Alt Bid #2 (B2) – Replace one (1) existing 1,500-gallon Hypochlorite Day Tank; replace the existing Hypo feed pumps with six (6) new feed pumps.

Looking back, the summary table in the recommendation letter is confusing – the intent was to show the total pricing for the following options:

- 1) Base Bid only
- 2) Base Bid + Alt Bid #1
- 3) Based Bid + Alt Bid #1 + Alt Bid #2

If you have any questions or need further clarification, please let me know. Thanks.