

CITY OF HIGH POINT

AGENDA ITEM



Title: Leachate Pond Closure and Tank Cleaning

From: Terry Houk – Public Services Director
Robby Stone – Asst. Director Public Services

Meeting Date: February 18, 2019

Public Hearing: N/A

Advertising Date: December 19, 2018
Advertised By: Purchasing

Attachments: Attachment A – Engineer Recommendation Letter and Bid Information
Attachment B - Bid Recommendation Form

PURPOSE: The City budgeted for the closure of a leachate pond and cleaning the leachate tank at the Kersey Valley Landfill. The City has developed a project and gained appropriate approvals from officials to close and eliminate the leachate pond and clean the leachate tank which is a redundant backup for the current system configuration. Bids for these improvements were opened on January 30, 2019 which consisted of activities to complete the items mentioned above.

BACKGROUND: The City of High Point operates the Kersey Valley Landfill. As rainwater falls on the landfill and mixes with waste, the end product is leachate. Part of the leachate was gravity fed to a leachate pond and then pumped and hauled to the Eastside Waste Water Treatment Plant. Leachate from other portions of the landfill were pumped to the leachate tank and then pumped and hauled to the Eastside Waste Water Treatment Plant. The previous landfill expansion installed a pump station that eliminates the need for the leachate pond and continuous pumping and hauling.

BUDGET IMPACT: Funds for this project are in the Solid Waste funds.

RECOMMENDATION / ACTION REQUESTED: The Public Services Department recommends approval and asks for the Council to award the project to TA Loving, Inc. in the amount of \$362,575.50.



Leachate Pond



Leachate Tank



ADDRESS

14 N. Boylan Avenue, Raleigh NC 27603

TEL

919.828.0577

WEB

www.smithgardnerinc.com

February 6, 2019

Mr. Robby Stone, P.E., Assistant Director
City of High Point - Department of Public Services
211 South Hamilton Street
High Point, NC 27260

**RE: City of High Point - Kersey Valley MSW Landfill
Leachate Pond Closure and Tank Cleaning
Certified Bid Tabulation & Recommendation for Contractor Selection**

Dear Robby:

Smith Gardner, Inc. (S+G) is pleased to present you with the results of the bidding for the Leachate Pond Closure and Tank Cleaning project, which bid on January 30, 2019 at 2:00 p.m. The results of the bid are as follows below (Also, **attached** is a certified tabulation of each bid received.). No alternates were considered for this project.

BIDDER		TOTAL BASE BID PRICE
1.	T.A. Loving Company	\$ 362,575.50
2.	SCS Field Services, Inc.	\$ 383,260.00
3.	Piedmont Industrial Services, Inc.	\$ 616,881.00

Based on the bid results, T.A. Loving Company (T.A. Loving) is the clear low bidder. Whereas S+G has no direct experience with T.A. Loving experience related to utility and other complex projects, including work for the City of High Point. Thus, S+G recommends that this project be awarded to T.A. Loving Company of Goldsboro, NC for the base bid of \$362,575.50.

Please contact me at your earliest convenience if you have any questions or if you need any additional information.

Sincerely,
SMITH GARDNER, INC.

DocuSigned by:

5B6B31996A674D7...
Pieter K. Scheer, P.E.
Vice President, Senior Engineer
pieter@smithgardnerinc.com



2/6/2019

Attachment: Certified Bid Tabulation
cc: Erik Conti, City of High Point

BID TABULATION				BIDDER: T.A. Loving Company		SCS Field Services, Inc.		Piedmont Industrial Services, Inc.	
City of High Point - Kersey Valley Landfill - Leachate Pond Closure and Tank Cleaning				ADDRESS: 400 Pateltown Road		11260 Roger Bacon Drive, Suite 300		1690 Lowry Street	
January 30, 2019, 2:00 p.m.				Goldsboro, NC 27533		Reston, VA 20190		Winston-Salem, NC 27101	
NC CONTRACTOR LICENSE NO. 325				43125		43125		49751	
BASE BID SCHEDULE A:									
PAY ITEM NUMBER	ITEM DESCRIPTION	EST. QUANTITY	UNITS	UNIT PRICE	AMOUNT	UNIT PRICE	AMOUNT	UNIT PRICE	AMOUNT
1.0	Clean Leachate Storage Tank	1	LS	LS	\$56,339.00	LS	\$53,700.00	LS	\$43,800.00
2.0	Leachate Storage Pond Removal	-----	-----	-----	-----	-----	-----	-----	-----
2.1	1. Remove Existing Liquid	1	LS	LS	\$1,557.00	LS	\$6,830.00	LS	\$3,700.00
2.2	2. Remove Existing Sediments	1	LS	LS	\$3,115.00	LS	\$26,430.00	LS	\$129,419.00
2.3	3. Remove Existing Fencing and HDPE Geomembrane	1	LS	LS	\$8,955.00	LS	\$34,445.00	LS	\$9,840.00
2.4	4. Remove and Cap Existing PVC Pipe	1	LS	LS	\$1,557.00	LS	\$1,775.00	LS	\$7,100.00
2.5	5. Remove Existing Outlet Pipe and Manhole	1	LS	LS	\$2,336.00	LS	\$1,700.00	LS	\$7,934.00
2.6	6. Remove Impacted Subgrade Soils and Backfill w/ Clean Structural Fill	1,500	CY	\$15.50	\$23,250.00	\$24.55	\$36,825.00	\$64.47	\$96,700.00
2.7	7. Install Silt Fence, Culvert, and Rip Rap Apron	1	LS	LS	\$7,008.00	LS	\$12,730.00	LS	\$18,480.00
2.8	8. Backfill Pond to EL. 765 and Grade to Drain to New Culvert	4,000	CY	\$8.60	\$34,400.00	\$9.70	\$38,800.00	\$13.14	\$52,560.00
3.0	Phase 3 Sump Improvements	-----	-----	-----	-----	-----	-----	-----	-----
3.1	Earthwork	1	LS	LS	\$3,375.00	LS	\$15,500.00	LS	\$3,300.00
3.2	Pump Enclosure	1	LS	LS	\$53,039.00	LS	\$31,550.00	LS	\$26,600.00
3.3	Pumps (2 Including Spare) and 2" Diam. Suction Hose and Fittings (Includes Intake Screen and Foot Valve)	1	LS	LS	\$25,245.00	LS	\$17,500.00	LS	\$18,715.00
3.4	Flow Meter Assembly (Incl. Flow Meter)	1	LS	LS	\$10,665.00	LS	\$10,015.00	LS	\$9,030.00
3.5	2" Diam. HDPE (DR 11) Pipe and Fittings (Includes Connection to Manhole)	1	LS	LS	\$1,489.00	LS	\$4,150.00	LS	\$7,800.00
3.6	6" Diam. PVC (SCH 80) Pipe and Fittings (Includes P-Trap and Cleanout and Connection to Manhole)	1	LS	LS	\$22,650.00	LS	\$5,715.00	LS	\$7,400.00
3.7	2-Inch Ball Valves (Qty. = 2)	1	LS	LS	\$390.50	LS	\$920.00	LS	\$500.00
3.8	Pump Controls	1	LS	LS	\$17,508.00	LS	\$9,850.00	LS	\$16,396.00
3.9	Connection to Electrical Service	1	LS	LS	\$6,152.00	LS	\$4,250.00	LS	\$14,102.00
3.10	Phase 3 Sump Improvements Electrical Work	1	LS	LS	\$48,046.00	LS	\$28,550.00	LS	\$58,000.00
3.11	Aggregate Surfacing	1	LS	LS	\$5,454.00	LS	\$4,515.00	LS	\$2,600.00
4.0	Erosion and Sedimentation Control	-----	-----	-----	-----	-----	-----	-----	-----
4.1	Erosion Control Blanket	1,000	SY	\$2.70	\$2,700.00	\$3.23	\$3,230.00	\$3.17	\$3,170.00
4.2	Revegetation of Disturbed Areas	1	AC	\$3,417.00	\$3,417.00	\$2,690.00	\$2,690.00	\$3,675.00	\$3,675.00
5.0	Surveying	1	LS	LS	\$5,800.00	LS	\$8,045.00	LS	\$10,218.00
6.0	Bonds, Mobilization, & Insurance	1	LS	LS	\$18,128.00	LS	\$23,525.00	LS	\$66,816.00
TOTAL BASE BID PRICE - SCHEDULE A:					\$362,575.50		\$383,260.00		\$616,881.00
IRREGULARITIES:					NONE		NONE		NONE

CERTIFICATION: This is certified to be an accurate tabulation of bids received for the project.

SMITH GARDNER, INC.

DocuSigned by:

 586B31998A674D7...

Pieter K. Scheer, P.E.
 Project Manager





**FORMAL BID RECOMMENDATION
REQUEST FOR COUNCIL APPROVAL**

DEPARTMENT: **Public Services - Landfill Division**

COUNCIL AGENDA DATE: **February 18, 2019**

BID NO.: **26-013019** CONTRACT NO.: DATE OPENED: **Jan 30, 2019**

DESCRIPTION:

Closing/eliminating the leachate collection pond and cleaning the leachate tank.

PURPOSE:

The City budgeted for the closure of a leachate pond and cleaning the leachate tank at the Kersey Valley Landfill. The City has developed a project and gained appropriate approvals from officials to close and eliminate the leachate pond and clean the leachate tank which is a redundant backup for the current system.

COMMENTS:

The previous landfill expansion installed a pump station that eliminates the need for the leachate pond and continuous pumping and hauling.

RECOMMEND AWARD TO: **TA Loving Company** AMOUNT: **362,575.50**

JUSTIFICATION:

TA Loving Company was the lowest responsible bidder.

ACCOUNTING UNIT	ACCOUNT	ACTIVITY	CATEGORY	BUDGETED AMOUNT
661749	533701	661171002305	40202	362,575.50
TOTAL BUDGETED AMOUNT				\$362,575.50

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: 2019.02.06 13:41:51 -05'00' DATE: **Feb 6, 2019**

The Purchasing Division concurs with recommendation submitted by the **Public Services and recommends award to the lowest responsible, responsive bidder **TA Loving Company** in the amount of \$ **362,575.50**.**

PURCHASING MANAGER: **Erik Conti** Digitally signed by Erik Conti
DN: cn=Erik Conti, o, ou,
email=erik.conti@highpointnc.gov, c=US
Date: 2019.02.06 15:35:32 -05'00' DATE: **Feb 6, 2019**

Approved for Submission to Council
FINANCIAL SERVICES DIRECTOR: **Kelly Latham** Digitally signed by Kelly Latham
DN: cn=Kelly Latham, o, ou,
email=kelly.latham@highpointnc.gov, c=US
Date: 2019.02.08 11:04:26 -05'00' DATE: **Feb 8, 2019**

CITY MANAGER: **Greg Demko** Digitally signed by Greg Demko
Date: 2019.02.08 11:52:34 -05'00' DATE: **Feb 8, 2019**