



PROPOSAL TO:

City of Texas City
Bioaugmentation

Date: March 13, 2020



March 13, 2020

Mr. Calvin Bremmer
Wastewater Treatment Plant Superintendent
City of Texas City
1809 9th Avenue
Texas City, TX 77590

**Re: IN-PIPE Technology – Texas City
Renewal**

Dear Mr. Bremmer,

On behalf of IN-PIPE Technology (IPT) we are pleased to submit our Quote to the City of Texas City for your consideration. This quotation keeps price for our service at the same level as our current contract for the next two years, and includes 3 optional one-year extensions with nominal price increases. We also include an expansion of our current bioaugmentation service in a new section of the city, designed specifically for the purposes of reducing odors.

Should you have any questions, or if I can be of further assistance, please do not hesitate to call.

Sincerely,

Douglas G. Fagans
Chief Commercial Officer
630-509-2488 ext. 227

Introduction

Thank you allowing IN-PIPE Technology (IPT) the opportunity to present this quotation for renewal of our services utilizing our patented microbiological treatment to improve wastewater treatment operations. Using IN-PIPE Technology reduces operating costs through reduced sludge production, reduced aeration energy costs and reduced chemical usage related to thickening and coagulation. Please review this quotation in detail, if you have any questions, please do not hesitate to contact us.

The IPT Technology Solution – Expansion for Odor Control in Lago Mar

Collection System Odor Control

The source of odor in collection systems can most often be attributed to the abundance of Sulfate-Reducing Bacteria (SRBs) present in the sewer biofilm that convert sulfates in the wastewater stream to sulfide ions. The sulfide ions associate with free hydrogen ions in the water and form hydrogen sulfide gas, which occupies the headspace of the piping. The hydrogen sulfide gas in the pipe headspace is oxidized to sulfuric acid by hydrogen sulfide-oxidizing bacteria existing on the inner surface of the headspace piping. This sulfuric acid is created constantly in the presence of hydrogen sulfide gas and is highly corrosive to many common piping materials, including steel, ductile iron and concrete.

IPT introduces specialized, facultative, spore-forming soil bacteria in high concentrations that outcompete these SRBs for nutrients. The SRBs in the native biofilm gradually die off and the resulting production of Hydrogen sulfide decreases proportionally (65-100%). This stops the process of the introduction of soluble hydrogen sulfide in the wastewater stream as well, leading to decrease/elimination of bad odors in downstream cascading events.

Summary of Scope

- The supply, and installation of G2.5 Microbial Dosing Units. These units remain the property of IPT.
- A monthly service of MDUs, including repair and parts replacement as required, as well as the supply of Bacteria required for continuous 24/7/365 dosing.



Because Efficiency Counts

Purchasing Quote

Proposal Number:

Renewal for

April 2020-April 2022

Date:

March 13, 2020

Reference:

Texas City, TX

Availability:

4-6 ARO

Validity:

Proposal valid for 30 Days

To:

City of Texas City

1801 9th Avenue

Texas City, TX 77590

Phone: (863) 834-6571

E-mail: cbremmer@texas-city-tx.org

Attn: Calvin Bremer

Wastewater Treatment Superintendent

From:

In-Pipe Technology[®] Company, Inc.

725 N. Central Ave.

Wood Dale, IL 60191

Phone: (630) 509-2488

E-mail: dfagans@in-pipe.com

Attn: Douglas Fagans

Chief Commercial Officer

<u>Item</u>	<u>Qty</u>	<u>Item Code #</u>	<u>Description</u>	<u>Price</u>
1	24	IPTOH-S1	Monthly Service for 24 Months	\$14,200.00
2	24	IPTOH-S1E	Expanded Monthly Service for Odor Control	\$3,500.00
			Total per month for 24 Months	\$17,700/Month
			TOTAL for all 24 Months	\$424,800



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Renewal for

April 2020-April 2022

Date:

March 13, 2020

Reference:

Texas City, TX

Availability:

4-6 ARO

Validity:

Proposal valid for 30 Days

Terms

Refer to attached IPT standard Terms and Conditions.

Thank you for your consideration. We look forward to reviewing the proposal with you.

OFFERED BY:

IN-PIPE TECHNOLOGY COMPANY, INC.

Douglas G. Fagans

Chief Commercial Officer – In-Pipe Technology, LLC

ACCEPTED BY:

City of Texas City

Signature: _____

Name & Title: _____

Date: _____

Purchase Order No: _____



Because Efficiency Counts

1st Optional 1-year Extension

Year: **April 2022-April 2023**
Reference: **Texas City, TX**

To:
City of Texas City
1801 9th Avenue
Texas City, TX 77590
Phone: (863) 834-6571
E-mail: cbremmer@texas-city-tx.org
Attn: Calvin Bremer
Wastewater Treatment Superintendent

From:
In-Pipe Technology[®] Company, Inc.
725 N. Central Ave.
Wood Dale, IL 60191
Phone: (630) 509-2488
E-mail: dfagans@in-pipe.com
Attn: Douglas Fagans
Chief Commercial Officer

<u>Item</u>	<u>Qty</u>	<u>Item Code #</u>	<u>Description</u>	<u>Price</u>
1	12	IPTOH-S1	Monthly Service for 12 Months	\$18,585
TOTAL for all 12 Months				\$223,020

OFFERED BY:

IN-PIPE TECHNOLOGY COMPANY, INC.

Douglas G. Fagans
Chief Commercial Officer – In-Pipe Technology, LLC

ACCEPTED BY:

City of Texas City

Signature: _____

Name & Title: _____

Date: _____

Purchase Order No: _____



Because Efficiency Counts

2nd Optional 1-year Extension

Year: **April 2023-April 2024**
Reference: **Texas City, TX**

To:
City of Texas City
1801 9th Avenue
Texas City, TX 77590
Phone: (863) 834-6571
E-mail: cbremmer@texas-city-tx.org
Attn: Calvin Bremer
Wastewater Treatment Superintendent

From:
In-Pipe Technology[®] Company, Inc.
725 N. Central Ave.
Wood Dale, IL 60191
Phone: (630) 509-2488
E-mail: dfagans@in-pipe.com
Attn: Douglas Fagans
Chief Commercial Officer

<u>Item</u>	<u>Qty</u>	<u>Item Code #</u>	<u>Description</u>	<u>Price</u>
1	12	IPTOH-S1	Monthly Service for 12 Months	\$19,514.25
TOTAL for all 12 Months				\$234,171

OFFERED BY:

IN-PIPE TECHNOLOGY COMPANY, INC.

Douglas G. Fagans
Chief Commercial Officer – In-Pipe Technology, LLC

ACCEPTED BY:

City of Texas City

Signature: _____

Name & Title: _____

Date: _____

Purchase Order No: _____



Because Efficiency Counts

3rd Optional 1-year Extension

Year: **April 2024-April 2025**
Reference: **Texas City, TX**

To:
City of Texas City
1801 9th Avenue
Texas City, TX 77590
Phone: (863) 834-6571
E-mail: cbremmer@texas-city-tx.org
Attn: Calvin Bremer
Wastewater Treatment Superintendent

From:
In-Pipe Technology[®] Company, Inc.
725 N. Central Ave.
Wood Dale, IL 60191
Phone: (630) 509-2488
E-mail: dfagans@in-pipe.com
Attn: Douglas Fagans
Chief Commercial Officer

<u>Item</u>	<u>Qty</u>	<u>Item Code #</u>	<u>Description</u>	<u>Price</u>
1	12	IPTOH-S1	Monthly Service for 12 Months	\$20,489.96
TOTAL for all 12 Months				\$245,879.52

OFFERED BY:

IN-PIPE TECHNOLOGY COMPANY, INC.

Douglas G. Fagans
Chief Commercial Officer – In-Pipe Technology, LLC

ACCEPTED BY:

City of Texas City

Signature: _____

Name & Title: _____

Date: _____

Purchase Order No: _____