



# Board of Public Works and Safety

## Agenda Item

## Cover Sheet

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**MEETING DATE:** April 10, 2018

- New Item for Discussion
- Previously Discussed Item
- Miscellaneous

**ITEM #:** 9

**INITIATED BY:** Kirk Staley

- Information Attached
- Bring Paperwork from Previous Meeting
- Verbal
- No Paperwork at Time of Meeting



To: Board of Public Works & Safety  
From: Kirk Staley / jh  
Date: April 4, 2018  
Re: 2017 CIPP Sanitary Sewer Rehabilitation – EN-290  
Change Order 1

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Bids were opened for the above stated project at the November 21, 2017 meeting and awarded at the December 19, 2017 meeting.

Change order is actual quantities and sizes of sewer being lined. Bid was based on City's GIS records. Change order rectifies quantities based on actual laser measured sewer sizing for custom made tube liner.

Unit prices for 30" CIPP was renegotiated based on the increase in quantity. 30" CIPP bid price was \$355.76 per foot and was negotiated to \$297.77 per foot. See attached change order form.

There is significant cost difference (roughly double) between the 27" and 30" diameter lining. This is consistent with the submitted bids. We also verified this pricing difference with the Indiana Water Environment Association (IWEA) professional organization comprised of utilities, engineers, and contractors. Basically it is the pipe liner size threshold where the 27" liner tube can be folded up and easily slid into the 24" diameter manhole opening, but the 30" tube liner cannot be.

**I recommend the Board of Public Works and Safety to approved change order 1 with Inland Waters Pollution Control, Inc.**

Your consideration is in this matter is appreciated.

	Benchmark Construction, Co., Inc	Inland Waters Pollution Control, Inc.
Bid Amount	\$411,381.00	\$490,439.94
IDOA Prequalified (Required per Ad for Bid & IC 4-13.6-4-2.5)	No	Yes
Special Provision SP 7 – Submittal of documentation of material meeting specifications.	No	Yes Submitted prior to bid.
Special Provision SP 7 – Submittal of documentation of experience based on length of lined pipe	No. However, it could be possible based on contract values of prior projects, but was required to be provide specifically with their bid.	Yes. Provided table of length of pipe line by size each year which met the specifications.
Reference Check – Gov’t agency which would recommend award work to respective bidder. Only noted agencies which returned call for reference.	<ul style="list-style-type: none"> <li>Chicago Water Department, Bill Nelson (multi-year contract, 8 miles in 2017)</li> <li>Mark Debriller (sp?) with Beam, Longest, and Neff (BLN), representing Zionsville, IN. (Mark called me after leaving a message for another person with BLN)</li> </ul>	<ul style="list-style-type: none"> <li>Peggy Biggs, Lawson-Fisher representing Mishawaka, IN</li> <li>Nicole McPherson, East Lansing, MI (project on MSU campus &amp; emergency linings/repair)</li> <li>Leo Shanayda, Springfield, OH</li> <li>Mike Elling, City of Toledo, OH</li> </ul>
Reference comment of note	<p>Matt Mann, PE; Director of Engineering and Public Works, Streamwood, IL,</p> <p>“Benchmark is currently finishing up the contract with the Village for about 3 miles of CIPP.</p> <p>Overall they have had good superintendence, been on time and there has been no unreasonable claims for extras or any liens filed.</p> <p>They did have an incident resulting in a fatality that is currently under investigation by OSHA.”</p>	

# Change Order

Project: 2017 CIPP Sanitary

Contract Number: EN-290-01



Change Order No: #1

## Description / Justification

Change order is actual quantities and sizes of sewer being lined. Bid was based on GIS records. Change order rectifies quantities based on actual laser measured sewer sizing for custom made tube liner. Unit prices for 30" CIPP was renegotiated based on the increase in quantity. 30" CIPP bid price was \$355.76 per foot and was negotiated to \$297.77 per foot. See attached page.

## Change to Contract Price:

Original Contract Price	\$	490,439.94
Net Changes from Previous Change Orders	\$	-
Contract Price prior to this Change Order	\$	<b>490,439.94</b>
Net Change of this Change Order	\$	84,123.53
<b>Contract Price with all Change Orders</b>	<b>\$</b>	<b>574,563.47</b>

## Change to Contract Time

None

## Requested By:

Inland Waters Pollution Control, Inc

## Recommended By:

\_\_\_\_\_ Date

\_\_\_\_\_ Date

## Approved By:

City of Noblesville Board of Public Works & Safety

John Ditslear, Mayor

Lawrence Stork, Member

Jack Martin, Member

## Attest:

Clerk

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Evelyn L. Lees Date

2017 CIPP EN-290 - IWPC

Item No.	Description	Unit	Bid			Change Order 1			
			Bid Qty	Unit Price	Extended Price	Qty Change	Revised Qty	Unit Price	Extended Price
1.0	Maintenance of Traffic	LSUM	1	\$ 10,723.52	\$ 10,723.52		1	\$ 10,723.52	\$ 10,723.52
2.0	Mobilization/Demobilization	LSUM	1	\$ 22,179.54	\$ 22,179.54		1	\$ 22,179.54	\$ 22,179.54
3.0	27 inch CIPP	LFT	957	\$ 170.44	\$ 163,111.08	-957	0	\$ 170.44	\$ -
4.0	30 inch CIPP	LFT	37	\$ 355.76	\$ 13,163.12	978	1,015	\$ 297.77	\$ 302,236.55
5.0	36 inch CIPP	LFT	84	\$ 393.96	\$ 33,092.64		84	\$ 393.96	\$ 33,092.64
6.0	42 inch CIPP	LFT	290	\$ 556.39	\$ 161,353.10	-290	0	\$ 556.39	\$ -
7.0	Service Reconnections	EA	15	\$ 1,182.93	\$ 17,743.95		15	\$ 1,182.93	\$ 17,743.95
8.0	Video Inspection (Pre and Post)	LSUM	1	\$ 6,478.78	\$ 6,478.78		1	\$ 6,478.78	\$ 6,478.78
9.0	Bypass Pumping	LSUM	1	\$ 13,679.97	\$ 13,679.97		1	\$ 13,679.97	\$ 13,679.97
10.0	Pipe Cleaning	LFT	998	\$ 20.48	\$ 20,439.04	-254	744	\$ 20.48	\$ 15,237.12
11.0	Heaving Pipe Cleaning	LFT	370	\$ 76.96	\$ 28,475.20	280	650	\$ 76.96	\$ 50,024.00
CO1.1	33 inch CIPP	LFT	0		\$ -	290	290	\$ 355.76	\$ 103,170.40
					\$ 490,439.94	\$			\$ 574,566.47

Bid	\$	490,439.94
CO 1	\$	84,126.53
<b>Total</b>	\$	<b>574,566.47</b>