

ECI Estep Construction, Inc.

Fax: 407-884-6904
 689 Binion Road
 Apopka, FL 32703

RECEIVED

JAN 20 2015

LAKE COUNTY
 ROAD OPERATIONS

Invoice

Date	Invoice #
1/19/2015	583

Bill To
Lake County PW Road Operations 12901 County Landfill Rd Tavares, FL 32778

CC/Ship To:
Contract #13-0607 mod 1 PO #20150035 Clean & Video pipe on Mills St by 899 So. Central Ave Umatilla

P.O./Contract #	Terms	Due Date	Ship Date	Ship Via	Project
	Due on receipt	1/19/2015			

Item	Description	Quantity		Unit Pr...	Amount
1	Mills St by 899 South Central Ave Pipe Cleaning 18" - Light	222	LF	1.50	333.00
1	Video Recording 18"	222	LF	1.00	222.00

[Signature] 1/22/15

OK TO PAY
 ESTEP CONSTRUCTION INC
 PO#: 20150035
 Acct#: 1120.5053200.830460
 Goods Recd: 1/19/15

Thank you for your business.	Total	\$555.00
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Balance Due \$555.00

BP
 1/22/15
 1/22/15

S1-05-10

KX



LAKE COUNTY
FLORIDA

Date: 1-13-2015

Estep Construction, Inc.
689 S. Binion Road, Apopka, FL 32703

Subject: Project Order Form
Contract No. 13-0607, Storm Water Pipe/Water Quality Unit
Cleaning, Video Recording and Related Services
Purchase Order No. 20150035

Dear Estep Construction:
Please find below a request for services under the Storm Water Pipe/Water Quality Unit Cleaning, Video Recording and Related Services Contract No. 13-0607. A description of the requested services and project specific information is listed below.

Any questions or discrepancies regarding the pipe size, length or amount of blockage must be addressed and agreed upon between the Contractor and the Project Manager prior to performing any work. Any work performed without agreement by all parties shall be paid in accordance with the terms and conditions of the Contract. Invoices should be sent to 12901 County Landfill Road, Tavares, FL 32778.

Pursuant to the Contract, all work shall begin within fourteen (14) calendar days from receipt of this notice. Please make sure to contact our office regarding the scheduling of this work.

PIPE LOCATION:

Road Name: Mills Street (3-7264-01) Address: On Mills Street by 899 South Central Avenue

Section: 23 Township: 18 Range: 26

PIPE SPECIFICATIONS:

Diameter: See Below Length: 222 Number of Manholes/Inlets: _____

Percentage of Blockage: 10% or less X 11% - 30% _____ above 30% _____

WORK DESCRIPTION:

Pipe size 18" CMP at inlet, 21" x 30" elliptical at outlet. Please clean and video, possible pipe failure.

Two depressions visible approximately 67' from inlet and 100' from inlet.

Work Completed and OK to PAY: <u>yes</u>	Invoice # <u>583</u>
<u>Robert Baker</u>	<u>1/19/2015</u>
Inspected by	Date



Project Information

PROJECT NAME: lake county fl 01-16-15	CREATED: 2015.01.16	CATALOG NAME: NASSCO PACP-4
CUSTOMER: Lake County	PROJECT LEADER: Robert Hersey	CONTRACTOR: Estep Construction Inc

Customer: Lake County

Responsible:

Department:

Post-Office Box:

Street:

Location:

Telephone:

Telefax:

Mobile Phone:

E-Mail:

Project Leader: Robert Hersey

Responsible:

Department:

Post-Office Box:

Street:

Location:

Telephone:

Telefax:

Mobile Phone:

E-Mail:

Contractor: Estep Construction Inc

Responsible:

Department:

Post-Office Box:

Street:

Location:

Telephone:

Telefax:

Mobile Phone:

E-Mail:



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Section List

PROJECT NAME: lake county fl 01-16-15	CREATED: 2015.01.16	CATALOG NAME: NASSCO PACP-4
CUSTOMER: Lake County	PROJECT LEADER: Robert Hersey	CONTRACTOR: Estep Construction Inc

No.	Section	City	Street	Length	Length Total	Date
1	1a - 1b		mills st	219.60 ft	219.60 ft	2015.01.16
				219.60 ft	219.60 ft	



Defect Grade Description

PROJECT NAME: lake county fl 01-16-15	CREATED: 2015.01.16	CATALOG NAME: NASSCO PACP-4
CUSTOMER: Lake County	PROJECT LEADER: Robert Hersey	CONTRACTOR: Estep Construction Inc

1 **Excellent Condition**

Minor Defects - Failure unlikely in the foreseeable future.

2 **Good Condition**

Defects that have not begun to deteriorate - Pipe unlikely to fail for at least 20 years.

3 **Fair Condition**

Moderate defects that will continue to deteriorate - Pipe may fail in 10-20 years.

4 **Poor Condition**

Severe defects that will become grade 5 defects within the foreseeable future -
Pipe will probably fail in 5-10 years.

5 **Immediate Attention**

Defects require immediate attention - Pipe has failed or will likely fail within the next 5 years
or sooner.



Section Protocol

SECTION NAME: 1a - 1b	SECTION NUMBER: 1	CATALOG NAME: NASSCO PACP-4
CUSTOMER: Lake County	PROJECT LEADER: Robert Hersey	CONTRACTOR: Estep Construction Inc

UPSTREAM MANHOLE NUMBER: 1a	DOWNSTREAM MANHOLE NUMBER: 1b	
MUNICIPAL:	START NODE STREET NAME: mills st	
LOCATION CODE:	DIRECTION OF SURVEY: Upstream	CALCULATED LENGTH: 219.60 ft
INSPECTION DATE: 2015.01.16	PURPOSE OF SURVEY:	
WEATHER:	SEWER MATERIAL: Reinforced concrete pipe	
LINING METHOD:	SEWER DIAMETER OR HEIGHT: 18	
PRE-CLEANED: Jetting	SEWER SHAPE: Oval or Elliptical	
COMMON REMARKS:		

1 : 1000	POSITION	DG	CODE	OBSERVATION	VIDEO POS	PHOTO
	1b					
	2.00 ft		FL	Fracture Longitudinal, at 12 o'clock	00:01:11	
	8.07 ft		SRVZ	Surface Reinforcement Visible Unknown, at 12 o'clock	00:02:01	
	15.91 ft		SRVZ	Surface Reinforcement Visible Unknown, at 12 o'clock	00:02:47	
	60.29 ft		JOM	Joint Offset Medium, 0 ° displacement	00:05:25	
	63.89 ft		DSZ	Deposits Settled Other, 5 % of cross sectional area, at 6 o'clock	00:06:02	
	65.11 ft		SRVZ	Surface Reinforcement Visible Unknown, at 12 o'clock	00:06:10	
	85.25 ft		B	Broken, at 4 o'clock	00:07:27	
	125.49 ft		BSV	Broken Soil Visible, at 7 o'clock	00:09:45	
	133.14 ft		B	Broken, at 7 o'clock	00:10:15	
	141.83 ft		JOL	Joint Offset Large, 0 ° displacement	00:11:10	
	141.83 ft		BSV	Broken Soil Visible, from 12 o'clock, to 7 o'clock	00:11:08	
	156.69 ft		MGO	General Observation, rcp ties in cmp	00:12:38	
	221.60 ft		AEP	End of Pipe	00:16:36	
	1a					