CHANGE ORDER REQUEST

Project:
City of PSL Utility Systems Department Lift Station SP - 16

COR#: 02

Date: 5/4/2022

Client:

City of Port Saint Lucie
121 SW Port Saint Lucie Blvd
Port Saint Lucie, FL 34984-5099

Our Job Number: 259-0-001

Contract Date: 4-01-2021

Description: Piping Relocation

The contract is requested to be changed as follows:

1) Added scope of work to install 6" LPM per the attached plan.

Item	Description	Qty	Unit	Unit Price	Amount
1	Piping Relocation	1	LS	$180,947.00	$180,947.00
2	Abandonment of 2nd 6" LPM on Camden St	1	LS	$2,100.00	$2,100.00
3	Abandonment of 2nd 6" LPM on Melaleuca Blvd	1	LS	$3,750.00	$3,750.00
					$0.00
				TOTAL:	**$186,797.00**

Felix Associates of Florida, Inc

Contractor

8528 SW Kansas Ave, Stuart, FL 34997

Address

BY (Signature)

Benjamin Miller

(Print Name)

May 4, 2022

Date

Port Saint Lucie Utility Department

Owner

121 SW Port Saint Lucie Blvd
Port Saint Lucie, FL 34984

Address

BY (Signature)

David Garland, P.E.

(Print Name)

Date

8528 SW KANSAS AVE, STUART, FL 34997 ☎ (772) 220-2722

Lift Station SP-16	6in LPM Piping Replacement
259-0-001	

A. - Labor Requirements

Description	Qty	Straight Hrs	Overtime Hrs	Straight Rate	Overtime Rate	Total Amount
Superintendent	1.00	136.00	-	$ 91.80	$ 91.80	$ 12,484.80
Foreman	1.00	136.00	-	$ 76.50	$ 76.50	$ 10,404.00
Operator - Excavator	1.00	136.00	-	$ 41.31	$ 61.97	$ 5,618.16
Operator - Loader	1.00	136.00	-	$ 35.19	$ 52.79	$ 4,785.84
Laborer - Pipelayer	1.00	136.00	-	$ 33.66	$ 50.49	$ 4,577.76
Laborer - General	2.00	136.00	-	$ 24.48	$ 36.72	$ 6,658.56
	-	-	-	$ -	$ -	$ -
Foreman	1.00	16.00	-	$ 76.50	$ 76.50	$ 1,224.00
Laborer - General	1.00	16.00	-	$ 24.48	$ 36.72	$ 391.68
	-	-	-	$ -	$ -	$ -
Sub Total						***$ 46,144.80***

B. - Equipment Requirements

Description	Qty	Operated Hrs	Standby Hrs	Operated Rate	Standby Rate	Total Amount
Superintendent Truck	1.00	136.00		$ 26.89	$ 2.75	$ 3,657.04
Foreman Truck	1.00	136.00	-	$ 26.89	$ 2.75	$ 3,657.04
Trailer w/ Small Tools	1.00	136.00	-	$ 35.11	$ 5.81	$ 4,774.96
Excavator - PC138	1.00	136.00	-	$ 92.33	$ 26.75	$ 12,556.88
Loader - WA250	1.00	136.00	-	$ 52.04	$ 12.45	$ 7,077.44
10-Inch Rotary Pump	1.00	136.00	-	$ 37.39	$ 7.88	$ 5,085.04
Wellpoint System	1.00	136.00	-	$ 10.00	$ 5.00	$ 1,360.00
	-	-	-	$ -	$ -	$ -
Foreman Truck	1.00	16.00	-	$ 26.89	$ 2.75	$ 430.24
Trailer w/ Small Tools	1.00	16.00	-	$ 35.11	$ 5.81	$ 561.76
	-	-	-	$ -	$ -	$ -
Sub Total						***$ 39,160.40***

C. - Material Requirements

Description	Qty	Unit	Rate (w/tax)			Total Amount
6" HDPE DR11	800.00	LF	$ 13.75			$ 11,000.00
6" PVC DR18	160.00	LF	$ 18.73			$ 2,996.80
4" PVC DR18	20.00	LF	$ 9.10			$ 182.00
Wire (500/#12)	3.00	EA	$ 159.43			$ 478.29
6" Bell Restraints	3.00	LF	$ 69.55			$ 208.65
6" Valves	2.00	EA	$ 1,719.49			$ 3,438.98
4" Valves	2.00	EA	$ 1,416.68			$ 2,833.36
Fittings	1.00	LS	$ 9,303.65			$ 9,303.65
Couplers	4.00	EA	$ 315.65			$ 1,262.60
Saddles	3.00	EA	$ 1,056.09			$ 3,168.27
Concrete/Forms	1.00	LS	$ 1,000.00			$ 1,000.00
Sub Total						***$ 35,872.60***

D. - Subcontractor Requirements

Description	Qty	Unit	Rate (w/tax)			Total Amount
K3 HDDs	800.00	LF	$ 34.00			$ 27,200.00
K3 Mobilization	1.00	LS	$ 3,000.00			$ 3,000.00
Vacuum Truck	16.00	HR	$ 300.00			$ 4,800.00
Survey / Record Drawings	1.00	LS	$ 3,820.00			$ 3,820.00
Sub Total						***$ 38,820.00***

E. - Misc.

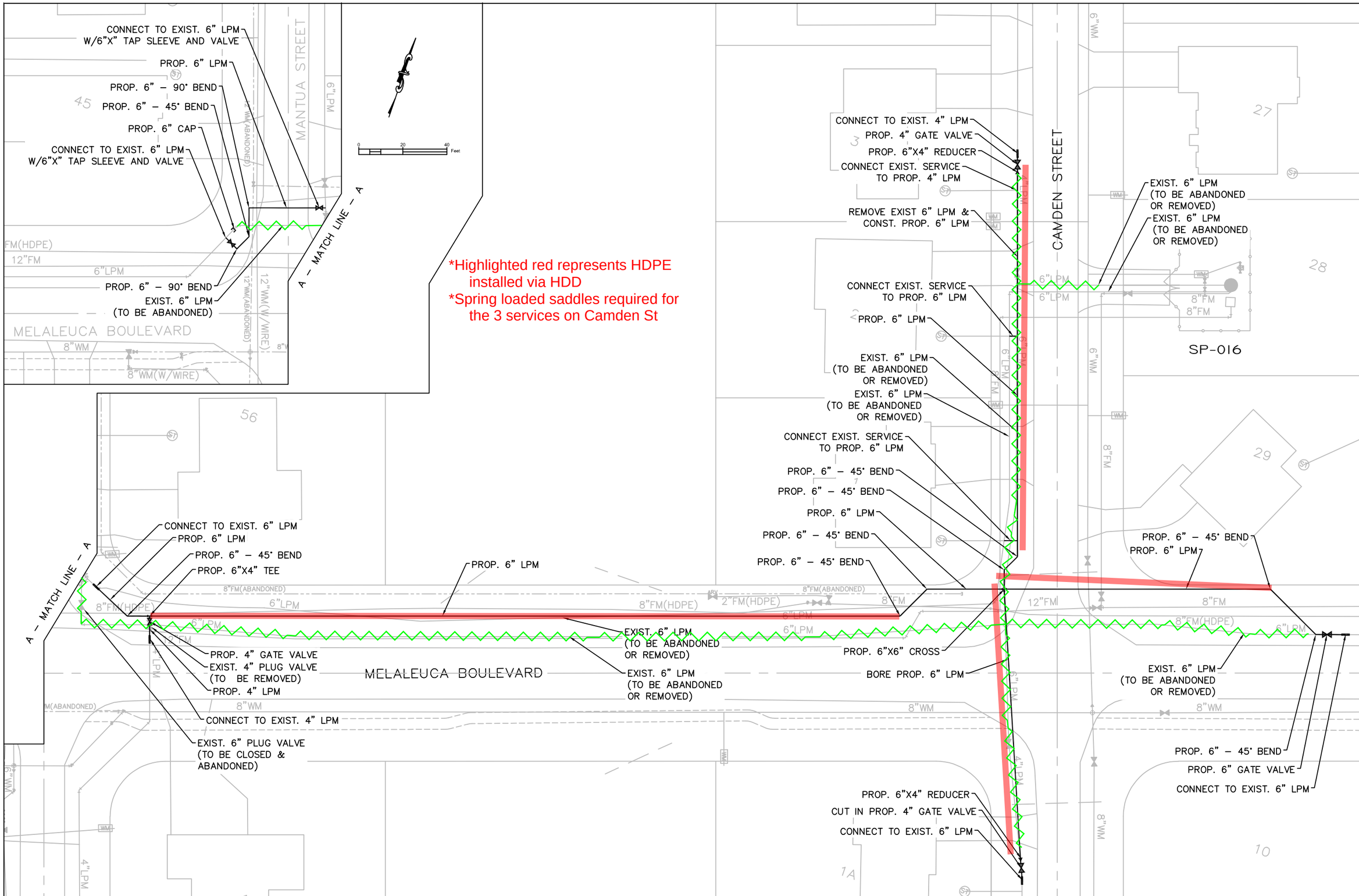
Description	Qty	Unit	Rate (w/tax)			Total Amount
Sod	1.00	LS	$ 2,000.00			$ 2,000.00
Misc Materials	1.00	LS	$ 2,500.00			$ 2,500.00
			$ -			$ -
Sub Total						***$ 4,500.00***

Total Prior to Markup		**$ 164,497.80**
A. - Mark-up on Labor	10.00%	$ 4,614.48
B. - Mark-up on Equipment	10.00%	$ 3,916.04
C. - Mark-up on Material	10.00%	$ 3,587.26
D. - Mark-up on Subcontractor	10.00%	$ 3,882.00
E. - Mark-up on Misc	10.00%	$ 450.00
Grand Total :		**$ 180,947.58**

REMARKS :

Pipe crew to perform locates and install well point system at 5 locations (5 days)
Pipe crew to support HDD installation, dig receiving pits, install valves and pour thrust collar on existing pipe (1 day per HDD; 4 days)
Pipe crew to connect all 4 HDDs to cross and install service saddles (2 days)
Pipe crew to connect to existing pipes (1 day with 2 crews; 2 days)
Pipe crew to remove dewatering systems, grade, sod and install valve pads (4 days)

Support crew to flush and pressure test, no pigging included (2 days)


CONNECT TO EXIST. 6" LPM W/6"X" TAP SLEEVE AND VALVE
PROP. 6" LPM
PROP. 6" – 90° BEND
PROP. 6" – 45° BEND
PROP. 6" CAP
CONNECT TO EXIST. 6" LPM W/6"X" TAP SLEEVE AND VALVE
PROP. 6" – 90° BEND
EXIST. 6" LPM (TO BE ABANDONED)
MANTUA STREET
MELALEUCA BOULEVARD
A – MATCH LINE – A
*Highlighted red represents HDPE installed via HDD
*Spring loaded saddles required for the 3 services on Camden St
CONNECT TO EXIST. 4" LPM
PROP. 4" GATE VALVE
PROP. 6"X4" REDUCER
CONNECT EXIST. SERVICE TO PROP. 4" LPM
REMOVE EXIST 6" LPM & CONST. PROP. 6" LPM
CONNECT EXIST. SERVICE TO PROP. 6" LPM
PROP. 6" LPM
EXIST. 6" LPM (TO BE ABANDONED OR REMOVED)
EXIST. 6" LPM (TO BE ABANDONED OR REMOVED)
CONNECT EXIST. SERVICE TO PROP. 6" LPM
PROP. 6" – 45° BEND
PROP. 6" – 45° BEND
PROP. 6" LPM
PROP. 6" – 45° BEND
PROP. 6" – 45° BEND
CAMDEN STREET
EXIST. 6" LPM (TO BE ABANDONED OR REMOVED)
EXIST. 6" LPM (TO BE ABANDONED OR REMOVED)
SP-016
PROP. 6" – 45° BEND
PROP. 6" LPM
CONNECT TO EXIST. 6" LPM
PROP. 6" LPM
PROP. 6" – 45° BEND
PROP. 6"X4" TEE
PROP. 6" LPM
PROP. 4" GATE VALVE
EXIST. 4" PLUG VALVE (TO BE REMOVED)
PROP. 4" LPM
CONNECT TO EXIST. 4" LPM
EXIST. 6" PLUG VALVE (TO BE CLOSED & ABANDONED)
EXIST. 6" LPM (TO BE ABANDONED OR REMOVED)
EXIST. 6" LPM (TO BE ABANDONED OR REMOVED)
PROP. 6"X6" CROSS
BORE PROP. 6" LPM
EXIST. 6" LPM (TO BE ABANDONED OR REMOVED)
PROP. 6" – 45° BEND
PROP. 6" GATE VALVE
CONNECT TO EXIST. 6" LPM
PROP. 6"X4" REDUCER
CUT IN PROP. 4" GATE VALVE
CONNECT TO EXIST. 6" LPM
MELALEUCA BOULEVARD
SHEET DATA
DESIGNED
DRAWN
CHECKED
APPROVED
CAD FILE NAME
REVISIONS
CITY OF PORT ST. LUCIE
UTILITY SYSTEMS DEPARTMENT
900 S.E. OGDEN LANE
PORT ST. LUCIE, FL 34983
PHONE (772) 873-6400 FAX (772) 873-6433
LIFT STATION SP-16
PIPING RELOCATION
ENGINEER
P.E. # XXXXX
SHEET
01 OF 01

Bid Proposal for Felix Replacement of 6" LPM change order 4/25/2022

CUSTOMER

FELIX ASSOCIATES OF FL INC.
8528 SW KANSAS AVE
STUART, FL 34997

Job
Felix Replacement of 6" LPM change order 4/25/2022
Bid Date: 04/25/2022
Bid #: 2312842

CONTACT

Sales Representative
Klay Vause
(M) 904-759-9681
(T) 904-268-7007
(F) 904-268-4764
Christopher.Vause@coreandmain.com

Core & Main
6854 Distribution Ave S
Jacksonville, FL 32256
(T) 904-268-7007

NOTES

Bid Proposal for Felix Replacement of 6" LPM change order 4/25/2022

FELIX ASSOCIATES OF FL INC.
Bid Date: 04/25/2022
Core & Main 2312842

Core & Main
6854 Distribution Ave S
Jacksonville, FL 32256
Phone: 904-268-7007
Fax: 904-268-4764

Seq#	Qty	Description	Units	Price	Ext Price
		DUE TO CURRENT SUPPLY CHAIN DISRUPTIONS, MATERIALS ARE SUBJECT TO PRICING AT TIME OF SHIPMENT. MATERIAL AVAILABILITY AND TIMELINESS OF SHIPMENTS CANNOT BE GUARANTEED. THIS TERM SUPERSEDES ALL OTHER CONTRACTUAL PROVISIONS.			
10		**LOW PRESSURE MAIN MATERIALS**			
20	760	6 DIPS DR11 HDPE PIPE GRN GREEN STRIPE	FT	12.85	9,766.00
30	160 60	6 PVC C900 DR18 PIPE (G) 20' GRN PC235	FT	17.50	1,050.00
40	40	4 PVC C900 DR18 PIPE (G) 20' GRN PC235	FT	8.50	340.00
50	3	COPPERHEAD 1245G-EHS-500 #12 GREEN	EA	149.00	447.00
60	2	PSLUD-6 GRN UNDERGROUND TAPE	EA	55.00	110.00
80	3	6 BELL RESTRAINER F/C900 1506	EA	65.00	195.00
110		**VALVES**			
120	1	6 A2361-23 MJ RW GV OL L/ACC	EA	1,135.00	1,135.00
130	1	461-S HEAVY DUTY VALVE BOX IMP COMPLETE WITH WATER LID	EA	125.00	125.00
140	1	BRZ DISC F/6" VLV (VLV MARKER)	EA	20.00	20.00
150	1	ROADWAY TRACER BOX GREEN SWR PART# RB14GTP	EA	92.00	92.00
160	1	VALVE BOX ADAPT TYPE-B F/6"PVC 10 -12 MUELLER, AFC	EA	65.00	65.00
170	2	6 EBAA MEGALUG C900&IPS 2006PV RED	EA	50.00	100.00
180	2	6 MJ REGULAR ACC SET L/GLAND (LESS GLAND)	EA	26.00	52.00
190	1	3M 1404 EMS BALL MARKER-SEWER	EA	20.00	20.00
			SUBTOTAL (Avg. Based On 1EA)		**1,609.00**
			Average price per	**EA**	**1,609.00**
210	3	4 A2361-23 MJ RW GV OL L/ACC MUELLER GATE VALVE	EA	880.00	2,640.00
220	3	461-S HEAVY DUTY VALVE BOX IMP COMPLETE WITH WATER LID	EA	125.00	375.00
230	3	BRZ DISC F/4" VLV (VLV MARKER)	EA	20.00	60.00
240	3	ROADWAY TRACER BOX GREEN SWR PART# RB14GTP	EA	92.00	276.00
250	3	VALVE BOX ADAPT TYPE-B F/6"PVC 10 -12 MUELLER, AFC	EA	65.00	195.00
260	6	4 EBAA MEGALUG C900&IPS 2004PV RED	EA	40.00	240.00
270	6	4 MJ REGULAR ACC SET L/GLAND (LESS GLAND)	EA	22.00	132.00
280	3	3M 1404 EMS BALL MARKER-SEWER	EA	20.00	60.00
			SUBTOTAL (Avg. Based On 3EA)		**3,978.00**
			Average price per	**EA**	**1,326.00**
300		**FITTINGS**			
310	1	6 MJ CROSS C153 EPXY IMP	EA	675.00	675.00
320	1	6 MJ CAP C153 P401 IMP	EA	284.00	284.00
330	5	6 MJ 45 C153 P401 IMP	EA	390.00	1,950.00
340	1	6X4 MJ TEE C153 P401 IMP	EA	490.00	490.00

Bid Proposal for Felix Replacement of 6" LPM change order 4/25/2022

Bid #: 2312842

Seq#	Qty	Description	Units	Price	Ext Price
350	2	6X4 MJ RED C153 P401 IMP	EA	345.00	690.00
360	4	4 MJ 45 C153 P401 IMP	EA	252.00	1,008.00
370	8	6" SDR11 DIPS MJ ADAPTER W/KIT	EA	168.00	1,344.00
380	17	6 EBAA MEGALUG C900&IPS 2006PV RED	EA	50.00	850.00
390	17	6 MJ REGULAR ACC SET L/GLAND (LESS GLAND)	EA	26.00	442.00
400	11	4 EBAA MEGALUG C900&IPS 2004PV RED	EA	40.00	440.00
410	11	4 MJ REGULAR ACC SET L/GLAND (LESS GLAND)	EA	22.00	242.00
420	14	3M 1404 EMS BALL MARKER-SEWER	EA	20.00	280.00
440		**TRANSITION COUPLINGS**			
450	3	MACRO HP-5.60 4 CPLG EPXY 304SS B&N 4.40-5.60 OD	EA	275.00	825.00
460	1	MACRO HP-7.60 6 CPLG EPXY 304SS B&N 6.60-7.60 OD	EA	355.00	355.00
480		**SERVICE SADDLES F/HDPE SERVICE SIZE NOT SHOWN**			
490	3	317-069014-000 6X2IP SADDLE EPOXY W/304SS STRAPS 5.94-6.90 OD	EA	90.00	270.00
500	12	SPRING WASHER 00000150115002	EA	8.30	99.60
510	3	FB1700-7NL 2 BALLCORP MIPXFIP NO LEAD	EA	315.00	945.00
				SUBTOTAL	**28,684.60**
				Sub Total	**28,684.60**
				Tax	0.00
				Total	**28,684.60**

UNLESS OTHERWISE SPECIFIED HEREIN, PRICES QUOTED ARE VALID IF ACCEPTED BY CUSTOMER AND PRODUCTS ARE RELEASED BY CUSTOMER FOR MANUFACTURE WITHIN THIRTY (30) CALENDAR DAYS FROM THE DATE OF THIS QUOTATION. CORE & MAIN LP RESERVES THE RIGHT TO INCREASE PRICES TO ADDRESS FACTORS, INCLUDING BUT NOT LIMITED TO, GOVERNMENT REGULATIONS, TARIFFS, TRANSPORTATION, FUEL AND RAW MATERIAL COSTS. DELIVERY WILL COMMENCE BASED UPON MANUFACTURER LEAD TIMES. ANY MATERIAL DELIVERIES DELAYED BEYOND MANUFACTURER LEAD TIMES MAY BE SUBJECT TO PRICE INCREASES AND/OR APPLICABLE STORAGE FEES. THIS BID PROPOSAL IS CONTINGENT UPON BUYER'S ACCEPTANCE OF SELLER'S TERMS AND CONDITIONS OF SALE, AS MODIFIED FROM TIME TO TIME, WHICH CAN BE FOUND AT: https://coreandmain.com/TandC/

K3 DIRECTIONAL DRILLING INC.

K3DD DRILLING PROPOSAL / CONTRACT

This bid proposal is strictly confidential and meant solely for our prospective client and not to be shared without K3's prior written approval.

April 26, 2022

Felix Associates of Florida Inc.
8526 SW Kansas Ave
Stuart, FL. 34997

Attn: Ben Miller

Re: Southport Lift Station SP-16 Additional 2

K3 Directional Drilling, Inc. (hereinafter "**K3**") proposes to provide Horizontal Directional Drilling (HDD) services that include all labor and relevant equipment and tooling for the prices indicated.

THE FOLLOWING ARE INCLUDED IN THE ESTIMATE:

- 6" D. Bore +/- 756' @ $34 per LF = $25,704.00
- Mobilization @ $3,000.00
- No pressure testing
- All MOT by others
- Material not included
- **No retainage will be held from K3 by the owner or general contractor.**
- Bonding available at 2.5% of total invoiced contract amount

ADDITIONAL COSTS:

A. Additional mobilization and demobilization to site for any reason will be at a rate of $1,500.00 per move each way for an HDD spread.
B. This proposal does not include any stand-by time due to delay or suspension of operations for any reason not created by **K3,** its subs or its suppliers including, but not limited to, waiting on Owner or General Contractor to complete any portion of their work or change in the site conditions. Our standby rate for our HDD Spread is $350.00 per hour up to five hours, or $2,800.00 per shift. If **K3** loses the hole, and **K3** must re-drill, it shall be treated as a new bore hole and **K3** will be paid the contract price for the additional work.

BETSY LINDSAY, INC.
SURVEYING AND MAPPING

May 3, 2022

Felix Associates of Florida, Inc.
Benjamin Miller
8528 SW Kansas Avenue
Stuart, Florida 34994

VIA Email: istrahm@felixassociates.net
Phone: 772-220-2722

SUBJECT: CONSTRUCTION STAKING AND ASBUILT SURVEYING FOR CHANGE ORDER FOR LIFT STATION 16 PIPING RELOCATION ON MELALEUCA BLVD, CAMDEN & MANTUA STREETS IN PORT ST LUCIE, FLORIDA

Dear Mr. Miller,

Per your request, this agreement for professional services between Betsy Lindsay, Inc. (Consultant) has been prepared for your approval. The following sections outline the elements of our agreement with Felix Associates of Florida, Inc. (Client)

REQUIREMENTS

Consultant, is requesting that you notify us of the time and date of the preconstruction meeting, so we will have the opportunity to attend the meeting. We must have the latest AutoCAD, approved for construction PDF files, and current survey for control before we can start the survey work. We require a minimum of 48 hours' notice to schedule our crews for all field work. If the Contractor requires staking of smaller portions of the project that do not require a minimum of 8 hours of field work an additional mobilization fee will be billed for any fractional work days.

SCOPE OF SERVICES

The following services will be provided per request by email dated 5-2-22:

1. Establish vertical and horizontal control for the site.
2. Stake 6" low pressure main relocation on Melaleuca Blvd, Camden and Mantua Street at 100' intervals, fittings and change of directions.
3. Perform and prepare an As-built Survey when construction is complete. The as-built information will be overlaid onto the engineering drawings.

DELIVERABLES

An AutoCAD version 2008 file, a pdf of the Final As-built and four (4) Final/As-built Surveys for the entire project site. Additional copies will be billed at $2.50 per sheet and **all Mylar's** will be billed at $15.00 per sheet.

PROFESSIONAL FEES

The lump sum fee for the services described in item 1 above is $700.00
The lump sum fee for the services described in item 2 above is $1,020.00
The lump sum fee for the services described in item 3 above is $2,100.00
Total lump sum fee for the above items will be $3,820.00

Send all correspondence
7997 SW Jack James Drive
Stuart, FL 34997
(772) 286-5753 • Fax (772) 286-5933

208 North U.S. Highway One, #8
Tequesta, FL 33469
(561) 575-5275