

BID RECOMMENDATION

BIDDERS

BID TOTAL

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Staff Assigned to Tabulate Bids and Make Recommendations:

NAME

TITLE

_____	_____
_____	_____
_____	_____

FUNDING SOURCE: _____

Repairs and Maintenance

RECOMMENDATION:

If only one bid is received, state reason why accepted and not re-bidding:

BID TABULATION FORM

Bid: 22/23-21

Date: March 21, 2023

Cured-In Place Pipe Services for American Rescue Plan Act

Proj: **Projects**

Time Open: 9:00 AM

Ad: Clay Today, February 23, 2023

Time Close: 9:11 AM

This is a generic Bid Tabulation Form; all required bid documents will be verified prior to bid recommendation.

Bids to be evaluated based on evaluation criteria established in bid document

Bidder		Base Bid Total
1	GCU, LLC DBA Gulf Coast Underground, LLC	933,755.55
2	Hinterland Group Inc.	\$368,000.00
3	Inliner Solutions, LLC	\$386,500.00
4	Timothy Rose Contracting, Inc.	413,985.00
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Clay County
Purchasing / Administrative and Contractual Services
477 Houston Street, Green Cove Springs, FL 32043

PROPOSAL DOCUMENT REPORT

RFB No. 22/23-021

Cured-In Place Pipe Services for American Rescue Plan Act Projects

RESPONSE DEADLINE: March 20, 2023 at 4:00 pm

GCU, LLC DBA Gulf Coast Underground, LLC Proposal

CONTACT INFORMATION

Company:

GCU, LLC DBA Gulf Coast Underground, LLC

Email:

ddavis@gulfcoastunderground.com

Contact:

Denise Davis

Address:

5655 Middle Road
Theodore, AL 36582

Phone:

N/A

Website:

N/A

Submission Date:

Mar 20, 2023 2:24 PM

PRICE TABLES

Pricing for Mobilization, Maintenance of Traffic, Dewatering, and other Misc. Non-Bid Items shall be negotiated on a per Project basis at the time the Project Scope of Work has been developed.

Line Item	Description	Quantity	Unit of Measure	Unit Cost	Total
1	0" - 18" Diameter Pipe Bypass	10	EA	\$714.30	\$7,143.00
2	24" – 30" Diameter Pipe Bypass	6	EA	\$2,571.45	\$15,428.70
3	36" Diameter Pipe Bypass	2	EA	\$3,714.30	\$7,428.60
4	42" Diameter Pipe Bypass	2	EA	\$5,142.90	\$10,285.80
5	48" Diameter Pipe Bypass	2	EA	\$7,285.75	\$14,571.50
6	54" Diameter Pipe Bypass	2	EA	\$11,428.60	\$22,857.20
7	60" Diameter Pipe Bypass	1	EA	\$13,571.45	\$13,571.45
8	72" Diameter Pipe Bypass	1	EA	\$17,714.30	\$17,714.30
9	Pre-Lining Inspection	1,400	LF	\$35.80	\$50,120.00
10	Post-Lining Inspection	1,400	LF	\$5.80	\$8,120.00
11	0" – 24" Desilting Existing Pipe	700	LF	\$5.80	\$4,060.00
12	25" - 36" Desilting Existing Pipe	300	LF	\$13.50	\$4,050.00
13	37" – 48" Desilting Existing Pipe	200	LF	\$20.25	\$4,050.00
14	49" – 60" Desilting Existing Pipe	150	LF	\$27.00	\$4,050.00

PROPOSAL DOCUMENT REPORT

RFB No. 22/23-021

Cured-In Place Pipe Services for American Rescue Plan Act Projects

Line Item	Description	Quantity	Unit of Measure	Unit Cost	Total
15	Greater than 60" Desilting Existing Pipe	50	LF	\$53.95	\$2,697.50
16	Furnish & Install 15" CIPP Lining (7.5 mm)	200	LF	\$125.00	\$25,000.00
17	15" CIPP Thickness Variance 1.5 mm	200	LF	\$7.15	\$1,430.00
18	Furnish & Install 18" CIPP Lining (9 mm)	300	LF	\$181.80	\$54,540.00
19	18" CIPP Thickness Variance 1.5 mm	300	LF	\$8.60	\$2,580.00
20	Furnish & Install 24" CIPP Lining (10.5 mm)	200	LF	\$294.70	\$58,940.00
21	24" CIPP Thickness Variance 1.5 mm	200	LF	\$12.90	\$2,580.00
22	Furnish & Install 30" CIPP Lining (12 mm)	150	LF	\$517.75	\$77,662.50
23	30" CIPP Thickness Variance 1.5 mm	150	LF	\$17.15	\$2,572.50
24	Furnish & Install 36" CIPP Lining (15 mm)	150	LF	\$593.25	\$88,987.50
25	36" CIPP Thickness Variance 1.5 mm	150	LF	\$17.15	\$2,572.50
26	Furnish & Install 42" CIPP Lining (16.5 mm)	100	LF	\$835.40	\$83,540.00
27	42" CIPP Thickness Variance 1.5 mm	100	LF	\$21.45	\$2,145.00
28	Furnish & Install 48" CIPP Lining (19.5 mm)	100	LF	\$919.40	\$91,940.00
29	48" CIPP Thickness Variance 1.5 mm	100	LF	\$24.30	\$2,430.00
30	Furnish & Install 54" CIPP Lining (27 mm)	100	LF	\$1,085.60	\$108,560.00

PROPOSAL DOCUMENT REPORT

RFB No. 22/23-021

Cured-In Place Pipe Services for American Rescue Plan Act Projects

Line Item	Description	Quantity	Unit of Measure	Unit Cost	Total
31	54" CIPP Thickness Variance 1.5 mm	100	LF	\$25.75	\$2,575.00
32	Furnish & Install 60" CIPP Lining (28.5 mm)	50	LF	\$1,193.90	\$59,695.00
33	60" CIPP Thickness Variance 1.5 mm	50	LF	\$28.60	\$1,430.00
34	Furnish & Install 72" CIPP Lining (33 mm)	50	LF	\$1,497.10	\$74,855.00
35	72" CIPP Thickness Variance 1.5 mm	50	LF	\$71.45	\$3,572.50
TOTAL					\$933,755.55



Clay County
Purchasing / Administrative and Contractual Services
477 Houston Street, Green Cove Springs, FL 32043

PROPOSAL DOCUMENT REPORT

RFB No. 22/23-021

Cured-In Place Pipe Services for American Rescue Plan Act Projects

RESPONSE DEADLINE: March 20, 2023 at 4:00 pm

Hinterland Group Inc. Proposal

CONTACT INFORMATION

Company:

Hinterland Group Inc.

Email:

info@hinterlandgroup.com

Contact:

Daniel Duke, III

Address:

2051 W. BLUE HERON BLVD.
RIVIERA BEACH, FL 33404

Phone:

(561) 640-3503

Website:

WWW.HINTERLANDGROUP.COM

Submission Date:

Mar 20, 2023 12:59 PM

PRICE TABLES

Pricing for Mobilization, Maintenance of Traffic, Dewatering, and other Misc. Non-Bid Items shall be negotiated on a per Project basis at the time the Project Scope of Work has been developed.

Line Item	Description	Quantity	Unit of Measure	Unit Cost	Total
1	0" - 18" Diameter Pipe Bypass	10	EA	\$1,000.00	\$10,000.00
2	24" – 30" Diameter Pipe Bypass	6	EA	\$1,000.00	\$6,000.00
3	36" Diameter Pipe Bypass	2	EA	\$1,000.00	\$2,000.00
4	42" Diameter Pipe Bypass	2	EA	\$1,000.00	\$2,000.00
5	48" Diameter Pipe Bypass	2	EA	\$1,000.00	\$2,000.00
6	54" Diameter Pipe Bypass	2	EA	\$1,000.00	\$2,000.00
7	60" Diameter Pipe Bypass	1	EA	\$1,000.00	\$1,000.00
8	72" Diameter Pipe Bypass	1	EA	\$1,000.00	\$1,000.00
9	Pre-Lining Inspection	1,400	LF	\$15.00	\$21,000.00
10	Post-Lining Inspection	1,400	LF	\$6.00	\$8,400.00
11	0" – 24" Desilting Existing Pipe	700	LF	\$9.00	\$6,300.00
12	25" - 36" Desilting Existing Pipe	300	LF	\$15.00	\$4,500.00
13	37" – 48" Desilting Existing Pipe	200	LF	\$15.00	\$3,000.00
14	49" – 60" Desilting Existing Pipe	150	LF	\$24.00	\$3,600.00

PROPOSAL DOCUMENT REPORT

RFB No. 22/23-021

Cured-In Place Pipe Services for American Rescue Plan Act Projects

Line Item	Description	Quantity	Unit of Measure	Unit Cost	Total
15	Greater than 60" Desilting Existing Pipe	50	LF	\$45.00	\$2,250.00
16	Furnish & Install 15" CIPP Lining (7.5 mm)	200	LF	\$75.00	\$15,000.00
17	15" CIPP Thickness Variance 1.5 mm	200	LF	\$3.00	\$600.00
18	Furnish & Install 18" CIPP Lining (9 mm)	300	LF	\$90.00	\$27,000.00
19	18" CIPP Thickness Variance 1.5 mm	300	LF	\$3.00	\$900.00
20	Furnish & Install 24" CIPP Lining (10.5 mm)	200	LF	\$125.00	\$25,000.00
21	24" CIPP Thickness Variance 1.5 mm	200	LF	\$3.00	\$600.00
22	Furnish & Install 30" CIPP Lining (12 mm)	150	LF	\$175.00	\$26,250.00
23	30" CIPP Thickness Variance 1.5 mm	150	LF	\$3.00	\$450.00
24	Furnish & Install 36" CIPP Lining (15 mm)	150	LF	\$225.00	\$33,750.00
25	36" CIPP Thickness Variance 1.5 mm	150	LF	\$3.00	\$450.00
26	Furnish & Install 42" CIPP Lining (16.5 mm)	100	LF	\$275.00	\$27,500.00
27	42" CIPP Thickness Variance 1.5 mm	100	LF	\$3.00	\$300.00
28	Furnish & Install 48" CIPP Lining (19.5 mm)	100	LF	\$345.00	\$34,500.00
29	48" CIPP Thickness Variance 1.5 mm	100	LF	\$3.00	\$300.00
30	Furnish & Install 54" CIPP Lining (27 mm)	100	LF	\$425.00	\$42,500.00

PROPOSAL DOCUMENT REPORT

RFB No. 22/23-021

Cured-In Place Pipe Services for American Rescue Plan Act Projects

Line Item	Description	Quantity	Unit of Measure	Unit Cost	Total
31	54" CIPP Thickness Variance 1.5 mm	100	LF	\$3.00	\$300.00
32	Furnish & Install 60" CIPP Lining (28.5 mm)	50	LF	\$525.00	\$26,250.00
33	60" CIPP Thickness Variance 1.5 mm	50	LF	\$3.00	\$150.00
34	Furnish & Install 72" CIPP Lining (33 mm)	50	LF	\$620.00	\$31,000.00
35	72" CIPP Thickness Variance 1.5 mm	50	LF	\$3.00	\$150.00
TOTAL					\$368,000.00



Clay County
Purchasing / Administrative and Contractual Services
477 Houston Street, Green Cove Springs, FL 32043

PROPOSAL DOCUMENT REPORT

RFB No. 22/23-021

Cured-In Place Pipe Services for American Rescue Plan Act Projects

RESPONSE DEADLINE: March 20, 2023 at 4:00 pm

Inliner Soltuions, LLC Proposal

CONTACT INFORMATION

Company:

Inliner Soltuions, LLC

Email:

eve.tinis@puriscorp.com

Contact:

Eve Tinis

Address:

2531 Jewett Lane
Sanford, FL 32771

Phone:

(407) 472-0014

Website:

N/A

Submission Date:

Mar 17, 2023 11:04 AM

PRICE TABLES

Pricing for Mobilization, Maintenance of Traffic, Dewatering, and other Misc. Non-Bid Items shall be negotiated on a per Project basis at the time the Project Scope of Work has been developed.

Line Item	Description	Quantity	Unit of Measure	Unit Cost	Total
1	0" - 18" Diameter Pipe Bypass	10	EA	\$150.00	\$1,500.00
2	24" – 30" Diameter Pipe Bypass	6	EA	\$350.00	\$2,100.00
3	36" Diameter Pipe Bypass	2	EA	\$700.00	\$1,400.00
4	42" Diameter Pipe Bypass	2	EA	\$2,500.00	\$5,000.00
5	48" Diameter Pipe Bypass	2	EA	\$2,800.00	\$5,600.00
6	54" Diameter Pipe Bypass	2	EA	\$3,500.00	\$7,000.00
7	60" Diameter Pipe Bypass	1	EA	\$4,500.00	\$4,500.00
8	72" Diameter Pipe Bypass	1	EA	\$5,100.00	\$5,100.00
9	Pre-Lining Inspection	1,400	LF	\$3.00	\$4,200.00
10	Post-Lining Inspection	1,400	LF	\$1.00	\$1,400.00
11	0" – 24" Desilting Existing Pipe	700	LF	\$4.00	\$2,800.00
12	25" - 36" Desilting Existing Pipe	300	LF	\$8.00	\$2,400.00
13	37" – 48" Desilting Existing Pipe	200	LF	\$13.00	\$2,600.00
14	49" – 60" Desilting Existing Pipe	150	LF	\$23.00	\$3,450.00

PROPOSAL DOCUMENT REPORT

RFB No. 22/23-021

Cured-In Place Pipe Services for American Rescue Plan Act Projects

Line Item	Description	Quantity	Unit of Measure	Unit Cost	Total
15	Greater than 60" Desilting Existing Pipe	50	LF	\$40.00	\$2,000.00
16	Furnish & Install 15" CIPP Lining (7.5 mm)	200	LF	\$80.00	\$16,000.00
17	15" CIPP Thickness Variance 1.5 mm	200	LF	\$3.00	\$600.00
18	Furnish & Install 18" CIPP Lining (9 mm)	300	LF	\$90.00	\$27,000.00
19	18" CIPP Thickness Variance 1.5 mm	300	LF	\$4.00	\$1,200.00
20	Furnish & Install 24" CIPP Lining (10.5 mm)	200	LF	\$120.00	\$24,000.00
21	24" CIPP Thickness Variance 1.5 mm	200	LF	\$4.00	\$800.00
22	Furnish & Install 30" CIPP Lining (12 mm)	150	LF	\$170.00	\$25,500.00
23	30" CIPP Thickness Variance 1.5 mm	150	LF	\$6.00	\$900.00
24	Furnish & Install 36" CIPP Lining (15 mm)	150	LF	\$225.00	\$33,750.00
25	36" CIPP Thickness Variance 1.5 mm	150	LF	\$9.00	\$1,350.00
26	Furnish & Install 42" CIPP Lining (16.5 mm)	100	LF	\$350.00	\$35,000.00
27	42" CIPP Thickness Variance 1.5 mm	100	LF	\$9.00	\$900.00
28	Furnish & Install 48" CIPP Lining (19.5 mm)	100	LF	\$400.00	\$40,000.00
29	48" CIPP Thickness Variance 1.5 mm	100	LF	\$9.00	\$900.00
30	Furnish & Install 54" CIPP Lining (27 mm)	100	LF	\$525.00	\$52,500.00

PROPOSAL DOCUMENT REPORT

RFB No. 22/23-021

Cured-In Place Pipe Services for American Rescue Plan Act Projects

Line Item	Description	Quantity	Unit of Measure	Unit Cost	Total
31	54" CIPP Thickness Variance 1.5 mm	100	LF	\$12.00	\$1,200.00
32	Furnish & Install 60" CIPP Lining (28.5 mm)	50	LF	\$650.00	\$32,500.00
33	60" CIPP Thickness Variance 1.5 mm	50	LF	\$12.00	\$600.00
34	Furnish & Install 72" CIPP Lining (33 mm)	50	LF	\$800.00	\$40,000.00
35	72" CIPP Thickness Variance 1.5 mm	50	LF	\$15.00	\$750.00
TOTAL					\$386,500.00



Clay County
Purchasing / Administrative and Contractual Services
477 Houston Street, Green Cove Springs, FL 32043

PROPOSAL DOCUMENT REPORT

RFB No. 22/23-021

Cured-In Place Pipe Services for American Rescue Plan Act Projects

RESPONSE DEADLINE: March 20, 2023 at 4:00 pm

TIMOTHY ROSE CONTRACTING, INC. Proposal

CONTACT INFORMATION

Company:

TIMOTHY ROSE CONTRACTING, INC.

Email:

accounting@timothyrosecontracting.com

Contact:

Staci Best

Address:

825 8th Street
Vero Beach, FL 32962

Phone:

N/A

Website:

N/A

Submission Date:

Mar 20, 2023 12:38 PM

PRICE TABLES

Pricing for Mobilization, Maintenance of Traffic, Dewatering, and other Misc. Non-Bid Items shall be negotiated on a per Project basis at the time the Project Scope of Work has been developed.

Line Item	Description	Quantity	Unit of Measure	Unit Cost	Total
1	0" - 18" Diameter Pipe Bypass	10	EA	\$1,150.00	\$11,500.00
2	24" – 30" Diameter Pipe Bypass	6	EA	\$1,200.00	\$7,200.00
3	36" Diameter Pipe Bypass	2	EA	\$1,375.00	\$2,750.00
4	42" Diameter Pipe Bypass	2	EA	\$1,500.00	\$3,000.00
5	48" Diameter Pipe Bypass	2	EA	\$1,575.00	\$3,150.00
6	54" Diameter Pipe Bypass	2	EA	\$2,125.00	\$4,250.00
7	60" Diameter Pipe Bypass	1	EA	\$3,500.00	\$3,500.00
8	72" Diameter Pipe Bypass	1	EA	\$4,000.00	\$4,000.00
9	Pre-Lining Inspection	1,400	LF	\$2.50	\$3,500.00
10	Post-Lining Inspection	1,400	LF	\$2.25	\$3,150.00
11	0" – 24" Desilting Existing Pipe	700	LF	\$10.25	\$7,175.00
12	25" - 36" Desilting Existing Pipe	300	LF	\$16.00	\$4,800.00
13	37" – 48" Desilting Existing Pipe	200	LF	\$25.00	\$5,000.00
14	49" – 60" Desilting Existing Pipe	150	LF	\$45.00	\$6,750.00

PROPOSAL DOCUMENT REPORT

RFB No. 22/23-021

Cured-In Place Pipe Services for American Rescue Plan Act Projects

Line Item	Description	Quantity	Unit of Measure	Unit Cost	Total
15	Greater than 60" Desilting Existing Pipe	50	LF	\$50.00	\$2,500.00
16	Furnish & Install 15" CIPP Lining (7.5 mm)	200	LF	\$75.00	\$15,000.00
17	15" CIPP Thickness Variance 1.5 mm	200	LF	\$5.05	\$1,010.00
18	Furnish & Install 18" CIPP Lining (9 mm)	300	LF	\$95.00	\$28,500.00
19	18" CIPP Thickness Variance 1.5 mm	300	LF	\$7.75	\$2,325.00
20	Furnish & Install 24" CIPP Lining (10.5 mm)	200	LF	\$135.00	\$27,000.00
21	24" CIPP Thickness Variance 1.5 mm	200	LF	\$8.25	\$1,650.00
22	Furnish & Install 30" CIPP Lining (12 mm)	150	LF	\$160.00	\$24,000.00
23	30" CIPP Thickness Variance 1.5 mm	150	LF	\$9.00	\$1,350.00
24	Furnish & Install 36" CIPP Lining (15 mm)	150	LF	\$220.00	\$33,000.00
25	36" CIPP Thickness Variance 1.5 mm	150	LF	\$14.00	\$2,100.00
26	Furnish & Install 42" CIPP Lining (16.5 mm)	100	LF	\$295.00	\$29,500.00
27	42" CIPP Thickness Variance 1.5 mm	100	LF	\$13.25	\$1,325.00
28	Furnish & Install 48" CIPP Lining (19.5 mm)	100	LF	\$375.00	\$37,500.00
29	48" CIPP Thickness Variance 1.5 mm	100	LF	\$15.50	\$1,550.00
30	Furnish & Install 54" CIPP Lining (27 mm)	100	LF	\$500.00	\$50,000.00

PROPOSAL DOCUMENT REPORT

RFB No. 22/23-021

Cured-In Place Pipe Services for American Rescue Plan Act Projects

Line Item	Description	Quantity	Unit of Measure	Unit Cost	Total
31	54" CIPP Thickness Variance 1.5 mm	100	LF	\$17.75	\$1,775.00
32	Furnish & Install 60" CIPP Lining (28.5 mm)	50	LF	\$685.00	\$34,250.00
33	60" CIPP Thickness Variance 1.5 mm	50	LF	\$20.00	\$1,000.00
34	Furnish & Install 72" CIPP Lining (33 mm)	50	LF	\$950.00	\$47,500.00
35	72" CIPP Thickness Variance 1.5 mm	50	LF	\$28.50	\$1,425.00
TOTAL					\$413,985.00



Clay County
Purchasing / Administrative and Contractual Services
 477 Houston Street, Green Cove Springs, FL 32043

EVALUATION TABULATION

RFB No. 22/23-021

Cured-In Place Pipe Services for American Rescue Plan Act Projects

RESPONSE DEADLINE: March 20, 2023 at 4:00 pm

SELECTED VENDOR TOTALS

Vendor	Total
Hinterland Group Inc.	\$368,000.00
Inliner Soltuions, LLC	\$386,500.00
TIMOTHY ROSE CONTRACTING, INC.	\$413,985.00
GCU, LLC DBA Gulf Coast Underground, LLC	\$933,755.55

Pricing for Mobilization, Maintenance of Traffic, Dewatering, and other Misc. Non-Bid Items shall be negotiated on a per Project basis at the time the Project Scope of Work has been developed.

Selected	Line Item	Description	Quantity	Unit of Measure	GCU, LLC DBA Gulf Coast Underground, LLC		Hinterland Group Inc.		Inliner Soltuions, LLC		TIMOTHY ROSE CONTRACTING, INC.	
					Unit Cost	Total	Unit Cost	Total	Unit Cost	Total	Unit Cost	Total
X	1	0" - 18" Diameter Pipe Bypass	10	EA	\$714.30	\$7,143.00	\$1,000.00	\$10,000.00	\$150.00	\$1,500.00	\$1,150.00	\$11,500.00
X	2	24" - 30" Diameter Pipe Bypass	6	EA	\$2,571.45	\$15,428.70	\$1,000.00	\$6,000.00	\$350.00	\$2,100.00	\$1,200.00	\$7,200.00

EVALUATION TABULATION

RFB No. 22/23-021

Cured-In Place Pipe Services for American Rescue Plan Act Projects

Selected	Line Item	Description	Quantity	Unit of Measure	GCU, LLC DBA Gulf Coast Underground, LLC		Hinterland Group Inc.		Inliner Soltuions, LLC		TIMOTHY ROSE CONTRACTING, INC.	
					Unit Cost	Total	Unit Cost	Total	Unit Cost	Total	Unit Cost	Total
X	3	36" Diameter Pipe Bypass	2	EA	\$3,714.30	\$7,428.60	\$1,000.00	\$2,000.00	\$700.00	\$1,400.00	\$1,375.00	\$2,750.00
X	4	42" Diameter Pipe Bypass	2	EA	\$5,142.90	\$10,285.80	\$1,000.00	\$2,000.00	\$2,500.00	\$5,000.00	\$1,500.00	\$3,000.00
X	5	48" Diameter Pipe Bypass	2	EA	\$7,285.75	\$14,571.50	\$1,000.00	\$2,000.00	\$2,800.00	\$5,600.00	\$1,575.00	\$3,150.00
X	6	54" Diameter Pipe Bypass	2	EA	\$11,428.60	\$22,857.20	\$1,000.00	\$2,000.00	\$3,500.00	\$7,000.00	\$2,125.00	\$4,250.00
X	7	60" Diameter Pipe Bypass	1	EA	\$13,571.45	\$13,571.45	\$1,000.00	\$1,000.00	\$4,500.00	\$4,500.00	\$3,500.00	\$3,500.00
X	8	72" Diameter Pipe Bypass	1	EA	\$17,714.30	\$17,714.30	\$1,000.00	\$1,000.00	\$5,100.00	\$5,100.00	\$4,000.00	\$4,000.00
X	9	Pre-Lining Inspection	1400	LF	\$35.80	\$50,120.00	\$15.00	\$21,000.00	\$3.00	\$4,200.00	\$2.50	\$3,500.00
X	10	Post-Lining Inspection	1400	LF	\$5.80	\$8,120.00	\$6.00	\$8,400.00	\$1.00	\$1,400.00	\$2.25	\$3,150.00
X	11	0" – 24" Desilting Existing Pipe	700	LF	\$5.80	\$4,060.00	\$9.00	\$6,300.00	\$4.00	\$2,800.00	\$10.25	\$7,175.00
X	12	25" - 36" Desilting Existing Pipe	300	LF	\$13.50	\$4,050.00	\$15.00	\$4,500.00	\$8.00	\$2,400.00	\$16.00	\$4,800.00
X	13	37" – 48" Desilting Existing Pipe	200	LF	\$20.25	\$4,050.00	\$15.00	\$3,000.00	\$13.00	\$2,600.00	\$25.00	\$5,000.00

EVALUATION TABULATION

Invitation For Bid - Cured-In Place Pipe Services for American Rescue Plan Act Projects

EVALUATION TABULATION

RFB No. 22/23-021

Cured-In Place Pipe Services for American Rescue Plan Act Projects

Selected	Line Item	Description	Quantity	Unit of Measure	GCU, LLC DBA Gulf Coast Underground, LLC		Hinterland Group Inc.		Inliner Soltuions, LLC		TIMOTHY ROSE CONTRACTING, INC.	
					Unit Cost	Total	Unit Cost	Total	Unit Cost	Total	Unit Cost	Total
X	14	49" – 60" Desilting Existing Pipe	150	LF	\$27.00	\$4,050.00	\$24.00	\$3,600.00	\$23.00	\$3,450.00	\$45.00	\$6,750.00
X	15	Greater than 60" Desilting Existing Pipe	50	LF	\$53.95	\$2,697.50	\$45.00	\$2,250.00	\$40.00	\$2,000.00	\$50.00	\$2,500.00
X	16	Furnish & Install 15" CIPP Lining (7.5 mm)	200	LF	\$125.00	\$25,000.00	\$75.00	\$15,000.00	\$80.00	\$16,000.00	\$75.00	\$15,000.00
X	17	15" CIPP Thickness Variance 1.5 mm	200	LF	\$7.15	\$1,430.00	\$3.00	\$600.00	\$3.00	\$600.00	\$5.05	\$1,010.00
X	18	Furnish & Install 18" CIPP Lining (9 mm)	300	LF	\$181.80	\$54,540.00	\$90.00	\$27,000.00	\$90.00	\$27,000.00	\$95.00	\$28,500.00
X	19	18" CIPP Thickness Variance 1.5 mm	300	LF	\$8.60	\$2,580.00	\$3.00	\$900.00	\$4.00	\$1,200.00	\$7.75	\$2,325.00
X	20	Furnish & Install 24" CIPP Lining (10.5 mm)	200	LF	\$294.70	\$58,940.00	\$125.00	\$25,000.00	\$120.00	\$24,000.00	\$135.00	\$27,000.00

EVALUATION TABULATION

RFB No. 22/23-021

Cured-In Place Pipe Services for American Rescue Plan Act Projects

Selected	Line Item	Description	Quantity	Unit of Measure	GCU, LLC DBA Gulf Coast Underground, LLC		Hinterland Group Inc.		Inliner Soltuions, LLC		TIMOTHY ROSE CONTRACTING, INC.	
					Unit Cost	Total	Unit Cost	Total	Unit Cost	Total	Unit Cost	Total
X	21	24" CIPP Thickness Variance 1.5 mm	200	LF	\$12.90	\$2,580.00	\$3.00	\$600.00	\$4.00	\$800.00	\$8.25	\$1,650.00
X	22	Furnish & Install 30" CIPP Lining (12 mm)	150	LF	\$517.75	\$77,662.50	\$175.00	\$26,250.00	\$170.00	\$25,500.00	\$160.00	\$24,000.00
X	23	30" CIPP Thickness Variance 1.5 mm	150	LF	\$17.15	\$2,572.50	\$3.00	\$450.00	\$6.00	\$900.00	\$9.00	\$1,350.00
X	24	Furnish & Install 36" CIPP Lining (15 mm)	150	LF	\$593.25	\$88,987.50	\$225.00	\$33,750.00	\$225.00	\$33,750.00	\$220.00	\$33,000.00
X	25	36" CIPP Thickness Variance 1.5 mm	150	LF	\$17.15	\$2,572.50	\$3.00	\$450.00	\$9.00	\$1,350.00	\$14.00	\$2,100.00
X	26	Furnish & Install 42" CIPP Lining (16.5 mm)	100	LF	\$835.40	\$83,540.00	\$275.00	\$27,500.00	\$350.00	\$35,000.00	\$295.00	\$29,500.00
X	27	42" CIPP Thickness Variance 1.5 mm	100	LF	\$21.45	\$2,145.00	\$3.00	\$300.00	\$9.00	\$900.00	\$13.25	\$1,325.00

EVALUATION TABULATION

Invitation For Bid - Cured-In Place Pipe Services for American Rescue Plan Act Projects

EVALUATION TABULATION

RFB No. 22/23-021

Cured-In Place Pipe Services for American Rescue Plan Act Projects

Selected	Line Item	Description	Quantity	Unit of Measure	GCU, LLC DBA Gulf Coast Underground, LLC		Hinterland Group Inc.		Inliner Soltuions, LLC		TIMOTHY ROSE CONTRACTING, INC.	
					Unit Cost	Total	Unit Cost	Total	Unit Cost	Total	Unit Cost	Total
X	28	Furnish & Install 48" CIPP Lining (19.5 mm)	100	LF	\$919.40	\$91,940.00	\$345.00	\$34,500.00	\$400.00	\$40,000.00	\$375.00	\$37,500.00
X	29	48" CIPP Thickness Variance 1.5 mm	100	LF	\$24.30	\$2,430.00	\$3.00	\$300.00	\$9.00	\$900.00	\$15.50	\$1,550.00
X	30	Furnish & Install 54" CIPP Lining (27 mm)	100	LF	\$1,085.60	\$108,560.00	\$425.00	\$42,500.00	\$525.00	\$52,500.00	\$500.00	\$50,000.00
X	31	54" CIPP Thickness Variance 1.5 mm	100	LF	\$25.75	\$2,575.00	\$3.00	\$300.00	\$12.00	\$1,200.00	\$17.75	\$1,775.00
X	32	Furnish & Install 60" CIPP Lining (28.5 mm)	50	LF	\$1,193.90	\$59,695.00	\$525.00	\$26,250.00	\$650.00	\$32,500.00	\$685.00	\$34,250.00
X	33	60" CIPP Thickness Variance 1.5 mm	50	LF	\$28.60	\$1,430.00	\$3.00	\$150.00	\$12.00	\$600.00	\$20.00	\$1,000.00
X	34	Furnish & Install 72" CIPP Lining (33 mm)	50	LF	\$1,497.10	\$74,855.00	\$620.00	\$31,000.00	\$800.00	\$40,000.00	\$950.00	\$47,500.00

EVALUATION TABULATION

RFB No. 22/23-021

Cured-In Place Pipe Services for American Rescue Plan Act Projects

Selected	Line Item	Description	Quantity	Unit of Measure	GCU, LLC DBA Gulf Coast Underground, LLC		Hinterland Group Inc.		Inliner Soltuions, LLC		TIMOTHY ROSE CONTRACTING, INC.	
					Unit Cost	Total	Unit Cost	Total	Unit Cost	Total	Unit Cost	Total
X	35	72" CIPP Thickness Variance 1.5 mm	50	LF	\$71.45	\$3,572.50	\$3.00	\$150.00	\$15.00	\$750.00	\$28.50	\$1,425.00
Total						\$933,755.55		\$368,000.00		\$386,500.00		\$413,985.00

3. SCOPE OF WORK

3.1. Purpose

Clay County is soliciting sealed bids for Cured-in-Place Services. The purpose of this bid is to establish a contract for Cured-in-Place Pipe Services (CIPP) at various locations throughout the county in conjunction with the County's needs on an as needed basis. The County reserves the right to have other contracts for Cured-in Place services.

3.2. Coronavirus State and Local Fiscal Recovery Funds

This project is being supported, in whole or in part, by U.S. Department of the Treasury Coronavirus State and Local Fiscal Recovery Funds ("SLFRF").

On March 11, 2021, the American Rescue Plan Act was signed into law, and established the Coronavirus State Fiscal Recovery Fund and Coronavirus Local Fiscal Recovery Funds, which together make up the Coronavirus State and Local Fiscal Recovery Funds ("SLFRF") program. This program is intended to provide support to State, territorial, local, and Tribal governments in responding to the economic and public health impacts of COVID-19 and in their efforts to contain impacts on their communities, residents, and businesses.

The Consultant will comply with all Federal laws, rules, regulations, and executive orders applicable to the receipt of funding from the Coronavirus Relief Fund. As provided for in the award terms, payments from the Fiscal Recovery Funds as a general matter will be subject to the provisions of the Uniform Administrative Requirements, Cost Principles, and Audit Requirements for Federal Awards (2 CFR part 200) (the Uniform Guidance), including the cost principles and restrictions on general provisions for selected items of cost. (Appendix II to 2 CFR Part 200 is included as an attachment.)

3.3. Examination of Bid Documents

Before submitting a proposal, each Bidder shall carefully examine the complete Bid package, including but not limited to: Invitation to Bid, Instructions to Bidders, General Conditions, Special Conditions, Specifications, and all Addenda thereto, any and all of which contain provisions applicable to the successful Bidder.

A Bidder is expected to base its Bid on those unit quantities listed on the Bid Sheet, which shall be fully inclusive. These quantities are estimates only and are strictly for the purpose of establishing a basis to award the bid.

3.4. Scope

The Bid will be awarded based on the lowest two responsive and responsible Bidders for the total Unit Cost Prices. If there is a discrepancy with the bid tabulations, the lowest bid price will be based on the estimated quantity and the unit cost. For each Project Task, both awarded Contractors will be asked to provide a Lump Sum Price for Mobilization, Maintenance of Traffic, Dewatering, and Miscellaneous Non-Bid Items along with their awarded pricing for bid items necessary to complete the individual projects. A Notice to Proceed and a Purchase Order will issued to the Contractor with the lowest overall project/bid

price. The County will provide the estimated schedule of values to each contractor prior to the Contractor providing the Lump Sum Prices. This also includes any Non-Bid Items that may be determined during the project scoping.

3.5. General Requirements

The Contractor shall be responsible for the Maintenance of Traffic, Dewatering, Environmental Compliance, and all Q.C. testing for the project. All construction shall be in compliance with FDOT Standard Specifications for Roads and Bridge Construction FY 2023-24.

The installation of CIPP and related services will take place in roadways, right-of-ways, easements, and County-owned property throughout Clay County.

All Work shall be performed during normal County business hours (7:00 a.m. to 3:30 p.m.) on non-holiday weekdays, unless otherwise authorized by the designated Clay County Project Manager.

3.6. Responsibilities

It shall be the responsibility of the Designated Clay County Project Manager to oversee all work and to ensure that all policies set forth by Clay County and the Florida Department of Transportation are adhered to.

Bidders must submit a list of five (5) CIPP installation projects successfully completed within the last five (5) years. One of the five listed projects shall include pipe diameters of 36" or larger. The list shall include the names of the projects, description of the projects, names and contact information of the owners and the dollar amount of the contracts. The list must be submitted with the bid.

The County shall have the right to review references and qualifications of the Contractor and Subcontractors in order to make the final determination of acceptability of the Contractor and Subcontractor to be awarded the contract and perform the work.

The Contractor shall be liable for the actions of the Contractor's work force, which shall remain under the direct supervision of the Contractor.

The Contractor is required to have a qualified superintendent on the job at all times. If multiple jobs are under construction concurrently, each job is required to have a qualified superintendent on site.

The Contractor shall keep the Designated Clay County Project Manager apprised of the progress of any project or work, working conditions, changes in service or scope, or any actions associated with the contract.

The County shall keep the Contractor apprised of any upcoming projects and shall allow the Contractor a reasonable time for mobilization unless it is an emergency need.

3.7. Safety

All standard equipment, work operations, safety equipment, personal protective equipment, and lighting required or mandated by State, Federal, OSHA, or ADA regulations must be provided. All equipment safety devices installed by the manufacturer shall be in place and in proper working order at

all times. The Designated Clay County Project Manager shall have the option to shut down the project if it is determined an unsafe situation exists. Contractors shall shut down immediately upon notice and will not resume work until the unsafe condition has been remedied.

The Contractor shall designate a competent person of its organization whose duty shall be the prevention of accidents at the site. This person shall also be the Contractor's superintendent unless otherwise designated in writing by the Contractor to the County. All communications to the superintendent shall be as binding as if given to the Contractor.

3.8. Mobilization

Mobilization shall comply with the Florida Department of Transportation Standard Specifications for Road and Bridge Construction FY 2023-24 Section 101 and shall consist of the preparatory work and all operations required to begin work on the project including, but not limited to, operations necessary for the movement of personnel, equipment, supplies and incidentals to the project site and for establishment of temporary facilities such as safety equipment, first aid supplies, portable toilets, etc. The cost of any bonds and/or insurance and any other pre-construction expense necessary for the start of the work, excluding the cost of construction materials, shall be included in the Contract Lump Sum Price for this paragraph.

The Mobilization Contract Lump Sum Price price to be used in the fee proposal for each assigned project will be negotiated on a per-project basis at the time the project scope of work has been developed.

3.9. Maintenance of Traffic

The Traffic Control Plan shall be prepared by a certified designer who has completed the FDOT's Advanced Maintenance of Traffic training course, and in accordance with FDOT's Standard Plans and the Standard Plans.

The Contractor shall observe at all times those provisions and requirements of Florida Department of Transportation's Standard Specifications for Road and Bridge Construction FY 2023-24 (Section 102 Maintenance of Traffic), the Florida Department of Transportation's Design Standards, and the Manual on Uniform Traffic Control Devices (MUTCD) latest editions and supplements.

The Contractor is responsible for returning to preexisting condition any area within project limits impacted by construction after construction activities are completed at no additional cost to the County.

The Contractor shall provide the County the certification documents of their Worksite Traffic Supervisor who shall be responsible for initiating, installing, and maintaining all traffic control devices as described in Florida Department of Transportation's Standard Specifications for Road and Bridge Construction (Section 102 Maintenance of Traffic). The Worksite Traffic Supervisor shall have experience directly related to Worksite traffic control in a supervisory or responsible capacity.

The responsibility for the installation and maintenance of adequate traffic control devices, warning devices and barriers for the protection of the traveling public and workers, as well as to safeguard the work area in general shall rest with the Contractor.

The Worksite Traffic Supervisor shall:

- Be available on a 24-hour per day basis and shall review any project on a day-to-day basis as well as being involved in all changes to traffic control.
- Have access to all equipment and materials needed to maintain traffic control and handle all traffic related situations.
- Shall ensure that any safety deficiencies in traffic control are corrected immediately.
- Shall be present to direct the initial setup of the traffic control plan and any subsequent changes to the plan.
- Shall be available on the site within 1 hour after notification of an emergency, prepared to positively respond to traffic control needs or to provide alternate traffic arrangements.
- The Contractor shall have a responsible person available at or reasonably near the Work site in order that they may be contacted in emergencies and in cases where immediate action must be taken to maintain traffic or to handle any other problem that may arise. The Contractor shall submit phone numbers and names of personnel designated to be contacted in cases of emergencies.

The Maintenance of Traffic Lump Sum Price to be used in the fee proposal for each assigned project will be negotiated on a per-project basis at the time the project scope of work has been developed.

3.10. Dewatering

The Dewatering Contract Lump Sum Price to be used in the fee proposal for each assigned project will be negotiated on a per-project basis at the time the project scope of work has been developed.

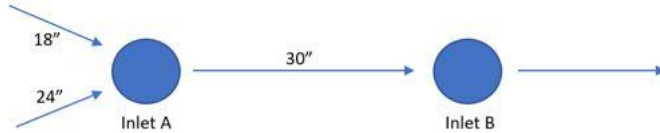
3.11. Miscellaneous Non-Bid Items

At the time of each Project Task, each awarded contractor will provide a cost for any non-bid items necessary to complete the task. A breakdown of schedule of values and cost of non-bid items will be provided to the County along with all other Lump Sum Prices for each Project Task.

3.12. Bypass Pumping

Bypass pumping will include all material, labor, and incidentals required to reroute flow around the section of pipe to be lined. This includes, but is not limited to, temporary plugs, pumps, hoses, bypass pumping plan, etc. to divert flow from the affected section.

Bypass Pumping will be paid for at the contract unit price for each contributing upstream pipe taken out of service, and bypassed, during lining activity. (For example, as shown in the figure below: Inlet A has two contributing pipes of diameters 18" and 24". Inlet A flows to Inlet B with a 30" pipe to be lined. The 18" and 24" will be placed out of service and bypassed during lining of the 30" pipe. Bypass pumping will be paid at a quantity of 1 – 18" Diameter Pipe Bypass and 1 – 24" Diameter Pipe Bypass.)



3.13. [Technical Specifications](#)

General

These specifications include the minimum requirements for the rehabilitation of storm sewer pipelines by the installation of Cured-In-Place (CIPP) within existing deteriorated pipe at various, multiple locations throughout Clay County.

The rehabilitation of pipelines shall be done by the installation of a resin impregnated flexible tube which, when cured, shall be continuous and tight-fitting throughout the entire length of the original pipe. The CIPP shall extend the full length of the original pipe and provide a structurally sound, joint-less and watertight new pipe within a pipe. The Contractor is responsible for proper, accurate and complete installation of the CIPP using the system selected by the Contractor.

The Contractor shall clean up, restore existing surface conditions, and repair any of the CIPP systems determined to be defective. The Contractor shall conduct installation operations and schedule clean up in a manner to cause the least possible obstruction and inconvenience to traffic, pedestrians, business, and property owners or tenants.

The prices submitted by the Contractor shall include all costs of permits, labor, equipment and materials for the various bid items necessary for furnishing and installing, complete in place of CIPP, including site restoration, in accordance with these specifications.

3.14. [Pre-Lining and Post-Lining Inspection](#)

Pre-Lining: The Contractor shall perform a detailed closed circuit television inspection in accordance with ASTM standards prior to installation of the liner. A radial view (pan and tilt) TV camera shall be used. Unedited digital documentation of the inspection shall be provided to the County. The data shall note the inspection date and shall note any defects in the pipe. Immediately prior to conducting the closed-circuit television pre-lining inspection the Contractor shall thoroughly clean the pipe, cost for which shall be covered under the desilting price included in the contract. The pipe inspection shall be paid for at the respective pre-lining contract unit price per foot for each pipe inspected.

Post-Lining: The Contractor shall perform a detailed closed circuit television inspection in accordance with ASTM standards after installation of the CIPP liner. A radial view (pan and tilt) TV camera shall be used. The finished liner shall be continuous over the entire length of the installation and shall be free of significant visual defects, damage, deflection, holes, leaks, and other defects. Unedited digital documentation of the inspection shall be provided to the County. The data shall note the inspection date and shall note any minor defects in the liner such as gouges, cracks, bulges, or bumps. Immediately prior to conducting the closed-circuit television inspection, the Contractor shall thoroughly clean the

newly installed liner removing all debris and build-up that may have accumulated, cost for which shall be incidental to the cost per linear foot of new pipe liner. The pipe inspection shall be paid for at the respective post-lining contract unit price per foot for each pipe inspected.

3.15. Desilting Pipe

Desilting pipe will be paid for at the contract unit price per foot for each pipe desilted. Price and payment shall be full compensation for furnishing all equipment, tools and labor, disposal of silt and debris, and all incidentals necessary for satisfactorily performing the work.

3.16. Pipe Liner

The rehabilitation of pipelines shall be done by the installation of a resin impregnated flexible tube which, when cured, shall be continuous and tight-fitting throughout the entire length of the original pipe. The CIPP shall extend the full length of the original pipe and provide a structurally sound, joint-less and watertight new pipe within a pipe. The Contractor is responsible for proper, accurate and complete installation of the CIPP using the system selected by the Contractor.

Pipe shall be rehabilitated in accordance with the Florida Department of Transportation Standard Specifications for Road and Bridge Construction FY 2023-24, Section 431, except as modified herein. Price and payment for pipe liner shall include cost to clean and dispose of all debris and build-up that may have accumulated since install of the liner. Price and payment for pipe liner shall exclude the following items:

- Dewatering
- Desilting & Disposal of silt and debris from existing pipe pre-lining
- Pipe inspections

The cost of these items shall be included in their respective pay items under this contact. The quantity of CIPP liner to be paid for will be the length, per foot, of CIPP liner installed and accepted, measured along the centerline of the pipe, from end to end.

3.17. Additional Thickness Variance

The Additional Thickness Variance 1.5mm shall be paid for at the contract price per linear foot. This additional thickness to the proposed pipe liner shall be used on any pipes greater than 12 feet deep as measured from top of grade to top of pipe and on any pipes underneath the roadway surface.

3.18. Description of Work and Product Delivery

These specifications cover all work necessary to furnish and install the CIPP. The Contractor shall provide all materials, labor, equipment, and services necessary for mobilization, traffic control, dewatering, bypass pumping, cleaning and television inspection of pipes to be lined, liner installation, all quality control, provide samples for performance of required materials tests, final television inspection, testing of lined pipe systems, all as specified herein.

The CIPP shall be continuous and joint-less from manhole to manhole or access point to access point and shall be free of all defects that will affect the long-term life and operation of the pipe.

The CIPP shall fit sufficiently tight within the existing pipe to not leak at the manholes or through the wall of the installed pipe. If leakage occurs at the manhole the Contractor shall seal these areas to stop all leakage using a material compatible with the CIPP. If leakage occurs through the wall of the pipe the liner shall be repaired or removed. Final approval of the liner installation will be based on a leak tight pipe.

The CIPP shall be designed for a life of 50 years or greater.

The CIPP may be designed to resist external groundwater pressures only or as a fully structural stand-alone pipe-within-a-pipe. The installed CIPP shall withstand all applicable surcharge loads (soils overburden, live loads, etc.) and external hydrostatic (groundwater) pressure, if present, for each specific installation location.

All materials furnished as part of this contract shall be marked with detailed product information, stored in a manner specified by the manufacturer, and tested to the requirement of this contract.

The Contractor shall furnish all samples for product testing at the request of the County. The Contractor shall also submit certifications for all furnished material as outlined below and, in the Standards and Specifications.

References

The following documents form a part of the specifications to the extent stated herein and shall be the latest editions hereof. Where differences exist between codes and standards, the requirements of these specifications shall apply. All references to codes and standards shall be to the latest revised version.

- ASTM-F1216
- ASTM-F2019-03
- ASTM-F1743
- ASTM-D2122-98 (2004)
- ASTM-D543
- ASTM-F2561-06
- ASTM-D638
- ASTM-D2990
- ASTM-D790
- ASTM-D3567-97 (2002)
- ASTM-D792
- ASTM-D3681

- ASTM-D5813

3.19. CIPP Repair/Replacement

Occasionally installations will result in the need to repair or replace a defective CIPP. If requested by the County, the Contractor shall outline specific repair or replacement procedures for identified defects that have occurred in the installed CIPP.

Repairable defects that may occur in the installed CIPP shall be specifically defined by the Contractor, including a detail step-by-step repair procedure, resulting in a finished product meeting the requirements of these contract specifications.

Unrepairable defects that may occur to the CIPP shall be clearly defined by the Contractor, including a recommended procedure for the removal and replacement of the CIPP.

3.20. Products - General

Materials shall be shipped, stored, and handled in a manner consistent with written recommendations of the CIPP system manufacturer to avoid damage. Damage includes, but is not limited to, gouging, abrasion, and flattening, cutting, puncturing, or ultra-violet (UV) degradation. On site storage locations shall be approved by the County. All damaged materials shall be promptly removed from the project site at the Contractor's expense and disposed of in accordance with all current applicable agency regulations.

Fabric Tube

The fabric tube shall consist of one or more layers of absorbent non-woven felt fabric, felt/fiberglass or fiberglass and meet the requirements of ASTM F1216, ASTM F1743, ASTM D5813, & ASTM F2019. The fabric tube shall be capable of absorbing and carry resins, constructed to withstand installation pressures and curing temperatures and have sufficient strength to bridge missing pipe segments, and stretch to fit irregular pipe sections.

The wet-out fabric tube shall have a uniform thickness and excess resin distribution that when compressed at installation pressures will meet or exceed the design thickness after cure.

The fabric tube shall be manufactured to a size and length that when installed will tightly fit the internal circumference, meeting applicable ASTM standards or better, of the original pipe. Allowance shall be made for circumferential stretching during installations. The tube shall be properly sized to the diameter of the existing pipe and the length to be rehabilitated and be able to stretch to fit irregular pipe section and negotiate bends. The Contractor shall determine the minimum tube length necessary to effectively span the designated run between manholes. The Contractor shall verify the length in the field prior to ordering and prior to impregnation of the tube with resin, to ensure that the tube will have sufficient length to extend the entire length of the run. The Contractor shall also measure the inside diameter of the existing pipelines in the field to ordering liner so that the liner can be installed in a tight-fitted condition.

The outside and /or inside layer of the fabric tube (before inversion/pull-in as applicable) shall be coated with an impermeable, flexible membrane that will contain the resin and facilitate, if applicable, the vacuum impregnation (wet-out) procedure.

No material shall be included in the fabric tube that may cause delamination in the cured CIPP. No dry or unsaturated layers shall be acceptable upon visual inspection as evident by color contrast between the tube fabric and activated resin containing a colorant.

The wall color of the interior pipe surface of CIPP after installation shall be a light reflective color so that a clear detailed examination with closed circuit television inspection equipment may be made. The hue of the color shall be dark enough to distinguish a contrast between the fully saturated felt fabric and dry resin lean areas.

Seams in the fabric tube, if applicable, shall meet the requirements of ASTM D5813.

The minimum length of the fabric tube shall be that deemed necessary by the installer to effectively span the distance from the starting manhole to the termination manhole or access point, plus that amount required to run-in and run-out for the installation process.

Resins

The resins shall be a corrosion resistant polyester or vinyl ester resin and catalyst system or epoxy and hardener system that, when properly cured within the tube composite, meets the requirements of ASTM F1216, ASTM F1743 or F2019. The resin shall produce CIPP which will comply with or exceed the structural requirements of these specifications.

The resin to tube ratio, by volume, shall be furnished as recommended by the manufacturer.

Structural Requirements

The physical properties and characteristics of the finished liner will vary considerably, depending on the types and mixing proportions of the materials used, and the degree of cure executed. It shall be the responsibility of the Contractor to control these variables and to provide a CIPP system which meets or exceeds the minimum properties specified herein.

The CIPP shall be designed as per ASTM F1216 Appendixes. The CIPP design shall assume no bonding to the original pipe wall.

The Engineer shall set the long term (50 year extrapolated) Creep Retention Factor at 50% of the initial design fixture modulus as determined by ASTM D-790 test methods. This value shall be used unless the Engineer submits long term test data (ASTM D-2990) to substantiate a higher retention factor.

The CIPP material shall, at a minimum, meet or exceed the structural properties that are listed below.

Minimum Physical Properties

Property: Flexural Modulus of Elasticity

Test Method: ASTM D-790

Cured Composite per ASTM F1216: 250,000 psi

Cured Composite per Design: Contractor value

Property: Flexural Strength

Test Method: ASTM D-790

Cured Composite per ASTM F1216: 4,500 psi

Cured Composite per Design: Contractor value

The required structural CIPP wall thickness shall be based, at a minimum, on the physical properties of the cured composite and per the design of a Professional Engineer and in accordance with the design equations contained in the appendix of the ASTM standards, and the following parameters:

Design Safety Factor: 2.0 (1.5 for pipes 36" or larger)

Creep Retention Factor: 50%

Ovality: 2% or as measured by field inspection

Constrained Soil Modulus: Per AASHTO LRFD Section 12 and AWWA Manual M45

Groundwater Depth: As determined by field investigation

Soil Depth (Above the crown): As determined by field investigation

Live Load: Highway, railroad, or airport as applicable

Soil Load (assumed): 120 lb/cu ft

Minimum Service Life: 50 years

The Contractor shall submit, prior to installation of lining materials, certification of compliance with these specifications. Certified material test reports shall be included that confirm that all materials conform to these specifications. Materials not complying with these requirements will be rejected.

The design soil modulus may be adjusted based on data determined from detailed project soil testing results.

3.21. [Installation](#)

Construction Requirements

The Contractor shall clean the interior of the existing host pipe prior to installation of the CIPP liner. All debris and obstructions that will affect the installation and the final CIPP product shall be removed and disposed of at the Contractor's expense. Solid debris and deposits shall be removed from the system and disposed of properly by the Contractor. Moving material from manhole section to manhole section shall not be allowed.

The Contractor shall perform a detailed closed circuit television inspection in accordance with ASTM standards of the existing pipe prior to installation of the CIPP.

The CIPP liner shall be constructed of materials and methods that, when installed, shall provide a joint-less and continuous structurally sound CIPP able to withstand all imposed static and dynamic loads on a long-term basis.

Bypass pumping of existing base flows and stormwater flows: The Contractor shall provide for the flow of existing base flows and stormwater flows around the section or sections of pipe designated for CIPP installation. The Contractor shall provide a dewatering plan prior to construction.

Installation of Liner

The CIPP liner shall be installed and cured in the host pipe per the manufacturer's specifications.

CIPP installation shall be in accordance with the applicable ASTM standards.

The wet-out tube shall be positioned in the pipeline using the method specified by the manufacturer. Care should be exercised not to damage the tube during installation. The tube should be pulled in or inverted through an existing manhole or approved access point and fully extend to the next designated manhole or termination point.

Prior to installation and as recommended by the manufacturer remote temperature gauges or sensors shall be placed inside the host pipe to monitor the temperature during the cure cycle. Liner and/or host pipe interface temperature shall be monitored and logged during the cure of the liner.

To monitor the temperature of the liner wall and to verify correct curing, temperature sensors can be placed between the host pipe and the liner in the bottom of the host pipe (invert) throughout its length to monitor the temperature on the outside of the liner during the curing process. The temperature sensors can be placed at intervals as recommended by the sensor manufacturer.

Curing shall be accomplished by utilizing the appropriate medium in accordance with the manufacturer's recommended cure schedule. The curing source or in and output temperatures shall be monitored and logged during the cure cycles if applicable. The manufacturer's recommended cure method and schedule shall be used for each line segment installed.

For heat cured liners, if any temperature sensor or multiple sensors do not reach the temperature as specified by the manufacturer to achieve proper curing or cooling, the installer can make necessary adjustments to comply with the manufacturer's recommendations. The system computer should have an output report that specifically identifies each installed sensor station in the length of pipe, indicates the maximum temperature achieved and sustained temperature time. Each sensor should record both the maximum temperature and the minimum cool down temperature and comply with the manufacturer's recommendations.

3.22. Cool Down

The Contractor shall cool the CIPP in accordance with the CIPP manufacturer's recommendations. Temperatures and cooling data shall be monitored and recorded by the Contractor throughout the installation process to ensure that each phase of the process is achieved in accordance with the CIPP manufacturer's recommendations.

3.23. Finish

The installed CIPP shall be continuous over the entire length of the pipe section and shall be free from visual defects such as foreign inclusions, dry spots, pinholes, major wrinkles, and delamination. The CIPP

shall be impervious and free of any leakage from the pipe to the surrounding ground or from the ground to the inside of the lined pipe.

Any defect which will or could affect the structural integrity or strength of the lining shall be repaired at the Contractor's expense.

The beginning and the end of the CIPP shall be sealed to the existing host pipe. The sealing material shall be compatible with the pipe end and shall provide a watertight seal.

If the wall of the CIPP leaks, it shall be repaired or removed and replaced with a watertight pipe as recommended by the manufacturer of the CIPP.

3.24. Manhole Connections

A seal, consisting of resin mixture or hydrophilic seal compatible with the installed CIPP shall be applied at manhole/wall interface in accordance with the CIPP manufacturer's recommendation.

3.25. Final Acceptance

Bypass pumping or plugging from the upstream manhole shall be utilized to minimize storm water from entering the line during the inspection. In the case of bellies in the line, the pipe shall be cleared of any standing water to provide continuous visibility during the inspection.

3.26. Completion of Work

When all Work is complete and the Contractor is ready for a final inspection, the Contractor shall notify the Designated Clay County Project Manager, who shall make final inspection of the Work and determine if the Work is complete and in full accordance with this Bid. Then the Designated Clay County Project Manager shall review and approve the final invoice for payment.

Acceptance of final payment shall constitute a waiver of all claims against the owner by the Contractor except for those claims previously made in writing against the County by the Contractor, pending at the time of final payment, and identified in writing by the Contractor as unsettled at the time of its request for final payment.

3.27. Project Administration

The County and the Contractor shall communicate with each other in the first instance through the Designated Clay County Project Manager only.

With reasonable promptness on request of the Contractor, the Designated Clay County Project Manager shall render written or graphic interpretations necessary for the proper execution or progress of the Work or project.

The Designated Clay County Project Manager shall be the initial interpreter of the requirements of any job and shall be the judge of the performance of the Contractor.

3.28. Claims by the Contractor

Claims for Concealed and Unknown Conditions - Should concealed and unknown conditions be encountered in the performance of the work, the Contractor shall stop work immediately, contact the Clay County Designated Project Manager for the project for a determination of how to proceed. The County shall not be liable to the Contractor for claims of third parties, including Subcontractors, unless and until liability of the Contractor.

3.29. Supplemental Conditions

Upon the completion and submittal of all required pre-award documents, the prices resultant from this bid solicitation shall prevail for the full duration of the initial term unless otherwise indicated elsewhere in this document. The performance period of the Bid shall remain in effect for two (2) years, and then the Bid will remain in effect until completion of any expressed and/or implied warranty period. The County specifically reserves the right to increase or decrease any or all of the authorized tasks.

Additional charges for fuel and bituminous indexes, environmental surcharges, disposal of waste, landfill costs, rental equipment, delivery charges, or employment of additional personnel to accomplish a task will not be authorized. These costs are considered to be included in the Bid proposal for each line item and category.

The Contractor shall be liable for the actions of the Contractor's work force, which shall remain under the direct supervision of the Contractor.

The Contractor shall keep the Designated Clay County Project Manager apprised of the progress of any project or work, working conditions, changes in service or scope, or any actions associated with the contract.

3.30. Project Quotes and Work Orders

This bid is for rehabilitation of storm water pipelines by CIPP lining for multiple project work orders at various locations throughout the County. The project work order locations can be anywhere within Clay County.

The County will perform a preliminary estimate for each project using the unit prices from the two low bids and provide the preliminary estimate to each respective Contractor. The two Contractors will finalize their estimates with site specific Lump Sum Cost that do not have established unit prices. These site-specific costs are: (1) Maintenance of Traffic (2) Mobilization (3) Dewatering and (4) Miscellaneous Bid Items. Pricing for Mobilization, Maintenance of Traffic, Dewatering, and Miscellaneous Bid Items will be bid on a per-project basis at the time the project scope of work has been developed between the two successful low bidders. The Contractors' final estimates will be provided to the County within the time established by the Designated Clay County Project Manger. The County shall review the final estimates. A purchase order will be issued to the Contractor chosen for their final estimate and availability to perform the project in an acceptable timeframe. The Contractor shall provide a proposed start date and a construction schedule within seven (7) calendar days of receipt of the purchase order. Once the County agrees to the schedule provided a Notice to Proceed will be issued. Payment for each project will be based on actual quantities used and unit prices from the bid, as approved by the County.

The approved quote amount on any individual purchase order shall be the maximum compensation payable to the Contractor for the project. The purchase order may only be changed for altered quantities authorized by the County. If the Contractor desires to make a claim for a change in quantity or schedule for a project such claim shall be submitted to the Designated Clay County Project Manager in writing within three (3) working days of the occurrence of the event giving rise to the claim.

3.31. Project Schedule

Installation of CIPP for each project shall be initiated, executed, and completed no later than sixty (60) calendar days after a purchase order is issued by the County.

Upon receipt of a purchase order the Contractor shall submit the construction start date and the estimated construction duration.

3.32. Suspension or Stoppage of Work by the Contractor

During the progress of the work, the Contractor shall keep the site and maintained travel lanes free from accumulations of waste, discarded or surplus material, rubbish and other debris or contaminants resulting the work.

Following completion of the work, Contractor shall remove all waste material, rubbish and debris from and about the site as well as all tools, appliances, equipment, machinery and surplus material. The Contractor shall leave the site clean and ready for occupancy by the County at final completion of the work.

3.33. Payment

The Contractor may request payment no more than once monthly, based on the amount of work done or completed. All partial estimates and payments found to be in error shall be subject to correction in the estimates and payments subsequent thereto, and in the final estimate and payment. Payments will be made in accordance with the Florida Local Government Prompt Payment Act.

The amount of such payments shall be the total value of the project work completed to the date of the estimate, based on the quantities and the Contract unit and/or Lump Sum Prices, less an amount retained and less payments previously made. The amount retained shall be determined in accordance with Section 255.078, Florida Statutes.

Payment shall be based on completed and accepted work by the County.

3.34. Withheld Payment

The County may decline to make payment, may withhold funds and, if necessary, may demand the return of some or all of the amounts previously paid to the Contractor, to protect the County from loss because of:

- Defective Work not remedied by the Contractor and, in the opinion of the County, not likely to be remedied by the Contractor;
- Claims of third parties against the County or County property;

- Failure by the Contractor to pay Subcontractors or others in a prompt and proper fashion;
- Persistent failure to carry out the Work in accordance with the Bid;
- Damage to the County or a third party to whom the County may be liable.

3.35. Term

The bid shall remain in effect for two (2) years from the date of award by the Board, with the County reserving the right and option to extend the bid for an additional two (2) twelve month periods.

3.36. Additional Services

If the County and/or Contractor identifies any additional services to be provided by Contractor that are not covered under the Agreement but are beneficial to the County, such additional services shall be mutually negotiated between the County and the Contractor.

3.37. Performance Evaluation

A work performance evaluation will be conducted periodically and at the completion of each various project.

3.38. Warranty

The Contractor shall warrant against all defects in material and workmanship for a period of two years after acceptance of the work.

Project View Count

243

Vendor Funnel

 Followers	12
 Downloaders	11
 Applicants	6
 No Bids	0
 Submissions	4

▼ Vendors

Vendor	Followed	Downloaded	Applied	No Bid	Submitted
ASP Underground Solutions No Reviews <i>casey@dirifix.com</i>	✓	✓			
Florida Surety Bonds, Inc. No Reviews <i>kim@floridasuretybonds.com</i>	✓				
GCU, LLC DBA Gulf Coast Underground, LLC No Reviews <i>ddavis@gulfcoastunderground.com</i>	✓	✓	✓		✓
HammerHead Trenchless No Reviews <i>mnugent@hhtrenchless.com</i>		✓			
Hinterland Group Inc. No Reviews <i>info@hinterlandgroup.com</i>	✓	✓	✓		✓
Inliner Solutions <i>mark.cassineri@puriscorp.com</i>	✓				
Inliner Solutions, LLC No Reviews <i>eve.tinis@gcinc.com</i>	✓	✓	✓		✓
LMK Pipe Renewal, LLC <i>btobey@lmkpipe.com</i>	✓	✓			
Miller Pipeline, LLC No Reviews <i>emy.belich@millerpipeline.com</i>	✓	✓	✓		
Prime Vendor Inc. No Reviews <i>primevendor124@gmail.com</i>		✓			
Ric-Man Construction Florida, inc. No Review <i>cbumb@ric-manfl.com</i>	✓	✓			

Source Management <input type="button" value="No Reviews"/> <i>sourcemanagement@deltek.com</i>		✓			
TIMOTHY ROSE CONTRACTING, INC. <input type="button" value="No"/> <i>accounting@timothyrosecontracting.com</i>		✓		✓	✓
US Infra Rehab Services <i>pragya@usinfrehab.com</i>		✓			
VendorLink, LLC <i>bids@evendorlink.com</i>			✓		
Yuro & Associates <input type="button" value="No Reviews"/> <i>hkelley@mjyuro.com</i>		✓		✓	