



ADD-CHANGE FORM

New Project or Budget Change?

Assigned Project #

Requested by:
Project Manager / Area Manager

Date:

Project Name:

Company: Sanlando Utilities Corp

Business Unit: Sanlando Utilities Corp W

BU Type:

Project Owner:

Budget Owner / RVP:

Project Manager:

Region:

Start Date:

State:

Estimated End Date:

Project Type:

Will project replace/retire any assets:

Previously Requested:

This Request:	\$98,970
Still to be Requested:	
Total Project Budget:	\$98,970

Description:

Replace approximately 900 LF of 6" Class PVC water main with 6" HDPE. Reconnect fire hydrant assembly and (2) 2" PVC water mains servicing two cul-de-sacs. Install 16 water services and reconnect to existing water meters. Cut, cap and abandon in place the existing 6" water main.

Timeline Considerations:

There is an extensive history of multiple water main breaks on Autumn Drive that generated insurance claims related to property damage at customers' homes. Future occurrences are imminent. Therefore, the work needs to be performed expeditiously so as to avoid additional property damages from occurring.

Inter-dependant Project Project Number: Project Name (If applicable)

Have engineering evaluations been performed? Engineering project number (If applicable)

Justification and Benefits:

There have been at least five water main breaks on Autumn Drive since 2015. The stormwater conveyance system on Autumn Drive and other areas in The Springs subdivision is mainly overland flow. In this particular area the topography is sloped such that water flows between two townhomes and then to a small stormwater pond. Over time the stormwater pond design has been altered, mainly by erosion, such that water caused by a water main failure is now diverted toward a resident's pool at the rear of his Autumn Drive home allowing dirt and debris to fill the pool. The diversion of water between the two townhomes has also caused the garage of one of the units to be flooded. Of the five instances where water main breaks have occurred, three have resulted in liability insurance claims and significant costs to replace asphalt driveways, irrigation systems and landscape material. One such instance involved a newer Chevrolet pick up truck falling into a hole where the water main broke and the pavement gave way.

The existing PVC material is white Class 160 or Class 200 PVC water main installed in the mid to late 1970's, which has a much thinner wall thickness than C-900 PVC. When making repairs, utility staff has observed a great degree of deflection in the pipe making the repair activity difficult when realigning the pipe. The breaks in this area appear to be related to stress caused by over-deflected water main sections when it was originally installed.

Risk Evaluation

As stated above, these water main failures have resulted in numerous liability claims. The frequency of pipe failures and the consequences of the failures causes a nuisance to the customers. Additionally, Precautionary Boil Water Notices are issued due to the outages and repairs. Without replacement, it is apparent that future pipe failures in this subdivision will continue to occur.

Alternatives Considered:

Two methods were evaluated; 1) Open cut excavation - The roadways in The Springs are privately owned by the community and there is no right-of-way meaning that the residents install landscaping material as they please within community standards. The tree canopy is very extensive and mature in this area as well. For these reasons, open cut is an option but constructability is extremely difficult and costly.

2) Horizontal Directional Drilling (HDD) - This method will allow for subsurface installation and significantly avoid damaging landscape material. This reduces restoration costs and inconvenience to the customers.

Of the two methods, HDD, is the preferred option.

Technical Review Summary:

This project was presented to the CPRT on 8/18/2016. No changes were suggested.



Financial and Regulatory Implications

Capital Plan

	Yr 1	Yr 2	Yr 3	Yr 4	Yr 5
Proposed Project Spend	98,970				
Project Spend in Current Plan	98,970				
Variance	-	-	-	-	-
CIAC Collected					
Net Rate Base	98,970	98,970	98,970	98,970	98,970

(if applicable)

O&M Cost Impact B/(W)

Yr 1	Yr 2	Yr 3	Yr 4	Yr 5

Financial Justification

Estimated Revenue Impact per Customer:

Number of Customers Impacted:

Served	Rate Payers
(1.15)	\$ (1.15)
10,280	10,280

Utility Financial Impact

	Yr 1	Yr 2	Yr 3	Yr 4	Yr 5
O&M Impact on EBITDA B/(W)		-	-	-	-
Depreciation Impact on EBIT B/(W)	(2,474)	(4,949)	(4,949)	(4,949)	(4,949)
Under-recovery on capital B/(W)	(1,809)	(6,866)	(6,495)	(6,124)	(5,753)
Net EBIT Impact B/(W)	(4,284)	(11,815)	(11,443)	(11,072)	(10,701)

Timing and Supporting Information on Rate Recovery

This is a pro-forma project included in the current 2016 consolidated UIF rate filing. Recovery is projected to occur in a timely manner.

Regulatory Plan Implications

The project is in the current capital plan.

Assumptions



Approvals

EAM Prime Review

Review Completed by Date:
Does project align with utility plan and meet technical requirements? Yes No

Comments

This project aligns well with the utility's asset management plan and meets all technical requirements.

Technical Peer Review

Review Sponsored by Date Held
Approval to proceed Yes No

Comments (note if feedback received in review incorporated)

No suggested changes. Approved as submitted.

FP&A Review

Review Completed by Date:
Does Project comply with current Utility Rate and Regulatory Plan? Yes No

Comments

Approvals

Applicable?

Regional Manager:	<input type="text" value="Bryan K. Gongre"/>	Date: <input type="text" value="8/18/2016"/>	<input checked="" type="checkbox"/>
VP Operations:	<input type="text" value="Patrick C. Flynn"/>	Date: <input type="text" value="8/24/2016"/>	<input checked="" type="checkbox"/>
President:	<input type="text" value="John P. Hoy"/>	Date: <input type="text" value="8/24/2016"/>	<input checked="" type="checkbox"/>

Approval or Re-Direction Comments

None.



P.O. Box 521279
Longwood, FL 32752-1279
Phone: 407-834-8271
Fax: 407-834-3859

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CB C045652
CONT. V 13942900011997

February 26, 2016

John Marinelli
Utilities, Inc.
200 Weathersfield Ave.
Altamonte Springs, Fl. 32714-4027

Re: Autumn Drive

Dear John,

We propose the following to replace the water main and appurtenances on Autumn Drive in the Springs,

<u>Item No.</u>	<u>Description</u>	<u>Quantity</u>	<u>Unit</u>	<u>Unit Price</u>	<u>Total</u>
1	Mob., Demob	1	LS	\$ 3,980.00	\$ 3,980.00
2	Exploratory Excavation	1	LS	\$ 3,775.00	\$ 3,775.00
3	6" Direction Drill	900	LF	\$ 52.00	\$ 46,800.00
4	Connect To Existing	2	EA	\$ 4,310.00	\$ 8,620.00
5	Testing	1	LS	\$ 4,620.00	\$ 4,620.00
6	Reconnect Fire Hydrant	1	EA	\$ 2,960.00	\$ 2,960.00
7	Reconnect 2"	2	EA	\$ 1,550.00	\$ 3,100.00
8	Reconnect Water Services	16	EA	\$ 1,260.00	\$ 20,160.00
9	Abandon Existing	1	LS	\$ 3,040.00	\$ 3,040.00
10	Dress	1	LS	\$ 5,965.00	\$ 5,965.00
	Total				\$ 103,020.00

As discussed we're including no restoration, dewatering or permitting and you will provide a disposal site for the bore slurry.

Sincerely,

Rick Bullington

TRAVERSE GROUP, INC.

PO BOX 121754
CLERMONT, FL 34712

Estimate

Date	Estimate #
8/15/2016	2016UI38

Name / Address
UTILITIES, INC. OF FLORIDA 200 WEATHERSFIELD AVENUE ALTAMONTE SPRINGS, FL 32714

Project
AUTUMN DRIVE

Description	Qty	Units	Rate	Total
AUTUMN DRIVE				
Mobilization & Demo	1	LS	19,500.00	19,500.00
Exploratory Excavation	1	LS	6,500.00	6,500.00
6" Directional Drill	900	LF	51.00	45,900.00
Connect to Existing	2	EA	2,500.00	5,000.00
Testing	1	LS	2,500.00	2,500.00
Reconnect Fire Hydrant	1	EA	2,100.00	2,100.00
Reconnect 2"	1	EA	1,630.13	1,630.13
Reconnect Water Services	16	EA	750.00	12,000.00
Abandon Existing	1	LS	12,500.00	12,500.00
Dress	1	LS	1,500.00	1,500.00
Total				\$109,130.13



TRI-SURE CORPORATION

POST OFFICE BOX 653
AUBURNDALE, FLORIDA 33823

TELEPHONE (863) 967-5506
FAX (863) 551-9746

August 11, 2016

Bryan K. Gongre, Regional Manager
Utilities Inc. of Florida
200 Weathersfield Avenue
Altamonte Springs, FL 32714
866.842.8432, extension 1360
Fax 407.869.6961
bkgongre@uiwater.com

As per your request Tri-Sure is pleased to bid on the following:

1	Mob., Demob	1	LS	\$ 15,000.00	\$ 16,500.00
2	Exploratory Excavation	1	LS	\$ 20,000.00	\$ 20,000.00
3	6" Direction Drill	900	LF	\$ 40.00	\$ 36,000.00
4	Connect To Existing	2	EA	\$ 2,500.00	\$ 5,000.00
5	Testing	1	LS	\$ 2,500.00	\$ 2,500.00
6	Reconnect Fire Hydrant	1	EA	\$ 1,570.00	\$ 1,570.00
7	Reconnect 2"	2	EA	\$ 750.00	\$ 1,500.00
8	Reconnect Water Services	16	EA	\$ 900.00	\$ 14,400.00
9	Abandon Existing	1	LS	\$ 500.00	\$ 500.00
10	Dress	1	LS	\$ 2,500.00	\$ 1,000.00
Total					\$ 98,970.00

Autumn Drive 6" WM replacement

This is a lump sum price for the quantities as described above. Prices are for comparison purposes only. Additional quantities to be billed as negotiated.

Thank you for the opportunity to bid on this project.

Jason Chambers

SECTION 00520
AGREEMENT FORM

PART 1 GENERAL

1.01 THIS AGREEMENT, made this 23rd day of August, 2016, by and between Utilities Inc. of Florida, hereinafter called the Owner, and Tri Sure Corporation, doing business as a _____ and hereinafter called the Contractor.

1.02 The Owner and Contractor agree as follows:

A. Contract Documents

The Contract Documents include the Agreement, Addenda (which pertain to the Contract Documents), Contractor's Bid, Notice to Proceed, the General Conditions, the Supplementary Conditions, any technical specifications as incorporated by the Project Manual; the Drawings as listed in the Project Manual, all Written Amendments, Change Orders, Work Change Directives and Field Orders issued on or after the Effective Date of this Agreement. These form the Contract and all are as fully a part of the Contract as if attached to this Agreement or repeated herein.

B. Scope of Work

The Contractor shall perform all work required by the Contract Documents for the construction of the Autumn Drive Water Main Replacement

C. Contract Time

The Contractor shall begin work within 10 days after the issuance of a written Notice to Proceed and shall substantially complete the work within 45 calendar days from the date of the Notice to Proceed. The work shall be finally complete, ready for Final Payment in accordance with the General Conditions, within 30 calendar days from the actual date of substantial completion.

D. Liquidated Damages

OWNER and CONTRACTOR recognize that time is of the essence of this Agreement and that OWNER will suffer financial loss if the Work is not substantially complete within the time specified in Paragraph C above, plus any extensions thereof allowed in accordance with the General Conditions. They also recognize the delays, expense and difficulties involved in proving in a legal arbitration proceeding the actual loss suffered by OWNER if the Work is not substantially complete on time. Accordingly, instead of requiring any such proof, OWNER and CONTRACTOR agree that as liquidated damages for delay (but not as a penalty) CONTRACTOR shall pay OWNER \$500.00 for each calendar day that expires after the time specified in Paragraph C for substantial completion until the work is substantially complete. It is agreed that if this Work is not Finally completed in accordance with the Contract Documents, the CONTRACTOR shall pay the OWNER as liquidated damages for delay, and not as penalty, one-fourth ($\frac{1}{4}$) of the rate set forth above.

E. Contract Price

Unit Price Contract

The Owner will pay the Contractor in current funds for the performance of the work, subject to additions and deductions by Change Order and subject to the Measurement and Payment Provisions, and subject to actual constructed quantities; the Total Contract Price of Ninety eight thousand nine hundred seventy dollars & 00/100's Dollars (\$ 98,970.00). Payments will be made to the Contractor on the basis of the Schedule of Unit Prices included as a part of his Bid, which shall be as fully a part of the Contract as if attached or repeated herein.

F. Payments

The Owner will make payments as provided in the General Conditions and Supplementary Conditions.

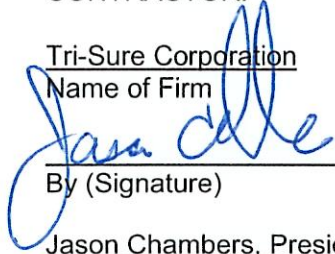
G. Retainage

The value of each application for payment shall be equal to the total value of the Work performed to date, less an amount retained, and less payments previously made and amounts withheld in accordance with the General Conditions and Supplementary Conditions. Retainage for this project is 10%, to be held by Owner as collateral security to ensure completion of Work. The Owner is not obligated to reduce retainage at any time during the Contract, but may choose to do so at its discretion once the Work is at least 75% complete.

IN WITNESS WHEREOF, the parties hereto have executed this Agreement the day and year first above written.

CONTRACTOR:

Tri-Sure Corporation
Name of Firm



By (Signature)

(SEAL)

Jason Chambers, President
Printed Name and Title

ATTEST:

Kevin Chambers
By (Signature)

Kerri Chambers (Secretary)
Printed Name and Title

OWNER:

Utilities Inc. of Florida
Name of Owner



Bryan K. Gongre, Regional Manager
Printed Name and Title

(SEAL)

ATTEST:

Lisa August
By (Signature)

LISA AUGUST
Printed Name and Title

END OF SECTION

3003642
 PD# 223577
 Receipt# 242814

Contractor's Application for Payment No.

One	
Application Period:	Application Date: 12/13/2016
To (Owner): Utilities Inc. of Florida	From (Contractor): Tri-Sure Corporation
Via (Engineer):	Contact: Bryan Gongre
Contact: Jason Chambers	Engineer's Project No.:
Owner's Contract No.:	Contractor's Project No.:

**Application For Payment
 Change Order Summary**

Approved Change Orders		
Number	Additions	Deductions
TOTALS	\$0.00	\$0.00
NET CHANGE BY CHANGE ORDERS	\$0.00	

1. ORIGINAL CONTRACT PRICE.....	\$	\$98,970.00
2. Net change by Change Orders.....	\$	\$0.00
3. Current Contract Price (Line 1 ± 2).....	\$	\$98,970.00
4. TOTAL COMPLETED AND STORED TO DATE (Column F on Progress Estimate).....	\$	\$72,500.00
5. RETAINAGE:		
a. 10% X _____ Work Completed.....	\$	\$0.00
b. 10% x _____ - Stored Material.....	\$	\$0.00
c. Total Retainage (Line 5a + Line 5b).....	\$	\$7,250.00
6. AMOUNT ELIGIBLE TO DATE (Line 4 - Line 5c).....	\$	\$65,250.00
7. LESS PREVIOUS PAYMENTS (Line 6 from prior Application).....	\$	\$0.00
8. AMOUNT DUE THIS APPLICATION.....	\$	\$65,250.00
9. BALANCE TO FINISH, PLUS RETAINAGE (Line 3 less Line 4 plus Line 5c)	\$	\$33,720.00

Contractor's Certification	
The undersigned Contractor certifies that to the best of its knowledge: (1) all previous progress payments received from Owner on account of Work done under the Contract have been applied on account to discharge Contractor's legitimate obligations incurred in connection with Work covered by prior Applications for Payment; (2) title of all Work, materials and equipment incorporated in said Work or otherwise listed in or covered by this Application for Payment will pass to Owner at time of payment free and clear of all Liens, security interests and encumbrances (except such as are covered by a Bond acceptable to Owner indemnifying Owner against any such Liens, security interest or encumbrances); and (3) all Work covered by this Application for Payment is in accordance with the Contract Documents and is not defective.	
By: <i>Jason Chambers, President</i>	Date: 12/13/2016

Payment of: \$ 65,250.00
 (Line 8 or other - attach explanation of the other amount)

is recommended by: _____ (Date)
 _____ (Engineer)

Payment of: \$ 65,250.00
 (Line 8 or other - attach explanation of the other amount)

is approved by: *[Signature]* _____ (Date)
 _____ (Owner) 12/14/2016

Approved by: _____ (Date)
 _____ (Funding Agency (if applicable))

SCHEDULE OF VALUES											
Estimate #1 Autumn Drive						Contractor:					
Bryan Gongre						Tri-Sure Corporation					
Utilities Inc.						P. O. Box 653					
						Auburndale, FL 33823					
Work Completed											
Item #	Description	Unit	Quantity	Unit Price	Total	Quantity Previously Installed	Value Previously Installed	Quantity Completed this period	Value completed this period	Quantity Completed to date	Value Completed to date
1	Mobilization/Demobilization	LS	1	16,500.00	16,500.00	0	0.00	1	16,500.00	1	16,500.00
2	Exploratory Excavation	LS	1	20,000.00	20,000.00	0	0.00	1	20,000.00	1	20,000.00
3	6" Directional Drill	LF	900	40.00	36,000.00	0	0.00	900	36,000.00	900	36,000.00
4	Connect to Existing	EA	2	2,500.00	5,000.00	0	0.00	0	0.00	0	0.00
5	Testing	LS	1	2,500.00	2,500.00	0	0.00	0	0.00	0	0.00
6	Reconnect Fire Hydrant	EA	1	1,570.00	1,570.00	0	0.00	0	0.00	0	0.00
7	Reconnect 2"	EA	2	750.00	1,500.00	0	0.00	0	0.00	0	0.00
8	Reconnect Water Services	EA	16	900.00	14,400.00	0	0.00	0	0.00	0	0.00
9	Abandon Existing	LS	1	500.00	500.00	0	0.00	0	0.00	0	0.00
10	Dress	LS	1	1,000.00	1,000.00	0	0.00	0	0.00	0	0.00
Base Bid - Total of Unit Prices					98,970.00		0.00		72,500.00		72,500.00

3003642
 PD# 223577
 Receipt# 245711

Contractor's Application for Payment No.

Two-Final	
Application Period:	Application Date: 1/13/2017
To (Owner): Utilities Inc. of Florida	From (Contractor): Tri-Sure Corporation
Via (Engineer):	Contact: Bryan Gongre
Contact: Jason Chambers	Contact: Bryan Gongre
Owner's Contract No.:	Contractor's Project No.:
Engineer's Project No.:	

**Application For Payment
 Change Order Summary**

Approved Change Orders		
Number	Additions	Deductions
TOTALS	\$0.00	\$0.00
NET CHANGE BY CHANGE ORDERS	\$0.00	

1. ORIGINAL CONTRACT PRICE.....	\$	\$98,970.00
2. Net change by Change Orders.....	\$	\$0.00
3. Current Contract Price (Line 1 ± 2).....	\$	\$98,970.00
4. TOTAL COMPLETED AND STORED TO DATE (Column F on Progress Estimate).....	\$	\$98,970.00
5. RETAINAGE:		
a. 10% X _____ Work Completed.....	\$	\$0.00
b. 10% x _____ - Stored Material.....	\$	\$0.00
c. Total Retainage (Line 5a + Line 5b).....	\$	\$0.00
6. AMOUNT ELIGIBLE TO DATE (Line 4 - Line 5c).....	\$	\$98,970.00
7. LESS PREVIOUS PAYMENTS (Line 6 from prior Application).....	\$	\$65,250.00
8. AMOUNT DUE THIS APPLICATION.....	\$	\$33,720.00
9. BALANCE TO FINISH, PLUS RETAINAGE (Line 3 less Line 4 plus Line 5c)	\$	\$0.00

Contractor's Certification	
<p>The undersigned Contractor certifies that to the best of its knowledge: (1) all previous progress payments received from Owner on account of Work done under the Contract have been applied on account to discharge Contractor's legitimate obligations incurred in connection with Work covered by prior Applications for Payment; (2) title of all Work, materials and equipment incorporated in said Work or otherwise listed in or covered by this Application for Payment will pass to Owner at time of payment free and clear of all Liens, security interests and encumbrances (except such as are covered by a Bond acceptable to Owner indemnifying Owner against any such Liens, security interest or encumbrances); and (3) all Work covered by this Application for Payment is in accordance with the Contract Documents and is not defective.</p>	
By: <i>Jason Chambers, President</i>	Date: 1/13/2017

Payment of: \$ 33,720.00
 (Line 8 or other - attach explanation of the other amount)

is recommended by: _____
 (Engineer) (Date)

Payment of: \$ 33,720.00
 (Line 8 or other - attach explanation of the other amount)

is approved by: _____
 (Owner) (Date)

Approved by: _____
 Funding Agency (if applicable) (Date)

SCHEDULE OF VALUES											
Estimate #2-FINAL Autumn Drive								Contractor:			
Bryan Gongre Utilities Inc.								Tri-Sure Corporation P. O. Box 653 Auburndale, FL 33823			
Work Completed											
Item #	Description	Unit	Quantity	Unit Price	Total	Quantity Previously Installed	Value Previously Installed	Quantity Completed this period	Value completed this period	Quantity Completed to date	Value Completed to date
1	Mobilization/Demobilization	LS	1	16,500.00	16,500.00	1	16,500.00	0	0.00	1	16,500.00
2	Exploratory Excavation	LS	1	20,000.00	20,000.00	1	20,000.00	0	0.00	1	20,000.00
3	6" Directional Drill	LF	900	40.00	36,000.00	900	36,000.00	0	0.00	900	36,000.00
4	Connect to Existing	EA	2	2,500.00	5,000.00	0	0.00	2	5,000.00	2	5,000.00
5	Testing	LS	1	2,500.00	2,500.00	0	0.00	1	2,500.00	1	2,500.00
6	Reconnect Fire Hydrant	EA	1	1,570.00	1,570.00	0	0.00	1	1,570.00	1	1,570.00
7	Reconnect 2"	EA	2	750.00	1,500.00	0	0.00	2	1,500.00	2	1,500.00
8	Reconnect Water Services	EA	16	900.00	14,400.00	0	0.00	16	14,400.00	16	14,400.00
9	Abandon Existing	LS	1	500.00	500.00	0	0.00	1	500.00	1	500.00
10	Dress	LS	1	1,000.00	1,000.00	0	0.00	1	1,000.00	1	1,000.00
Base Bid - Total of Unit Prices					98,970.00		72,500.00		26,470.00		98,970.00