



January 11, 2016

Spencer Shambray, CPPB
Purchasing Supervisor
City of Margate
5790 Margate Boulevard
Margate, FL 33063

Project: RFQ 2015-016, DESIGN/BUILD FOR 24-INCH FORCE MAIN AND 30-INCH
WATER MAIN CANAL CROSSING

Re: Proposal to Bury Aerial Crossings

Mr. Shambray,

As per your request and as per our discussion at the Negotiation Meeting on December 2, 2015, we have prepared the following proposal to bury the aerial crossing as an alternate to reinstalling the new piping on the existing pile structure.

As per the attached sketch, we propose to remove the pile caps, decking and cut piles as needed to install the water and force main piping over the existing drainage culverts but buried beneath the ground surface. This option provides not only aesthetic and maintenance benefits, but also provides a cost savings to the project as detailed below.

Based on the savings and additions detailed in the attached breakdown, we can save the City a total of \$82,538.00, for a revised base proposal amount of \$876,462.00. As per your request we have added \$100 for indemnification and \$20,000.00 project contingency amount to bring the project Grand Total to **\$896,562.00**. We also propose the following contract times, 160 calendar days from NTP#1 for Design (assuming 2 week review times for City), and 150 calendar days from NTP#2 for Construction (120 Days to Substantial Completion + 30 Days to Final Completion).

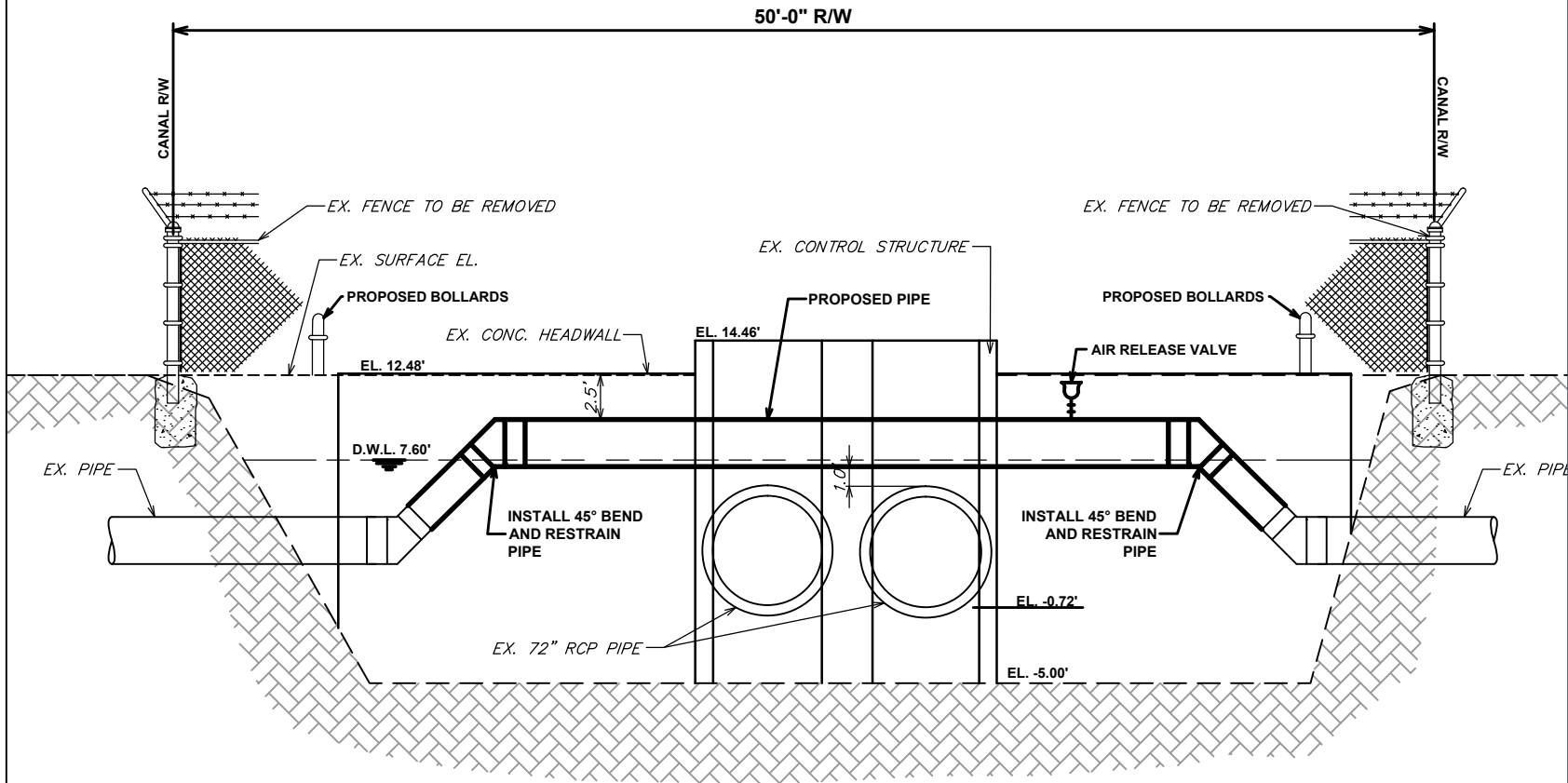
Please review the attached schedule of values and advise if additional information is required at this time. We appreciate the opportunity to serve the City of Margate.

Sincerely,

A handwritten signature in black ink, appearing to read 'Juan Barreneche'.

Juan Barreneche, P.E., Vice President, Southern Underground Industries, Inc.

t Date: 12/10/2015 2:57:43 PM Username: Pfonseca Layout Name: CC-1
der Path: \\fl-main.chenmoore.com\\Data\\Proposals\\2015\\P15.653 - Margate 2015-016 - Design Build Force an\\Preliminary Design\\CAD Filename: P15.653 Crossing Plan.dwg



CROSSING - ELEVATION VIEW

N.T.S.



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West Palm Beach, FL 33401
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CERTIFICATES OF AUTHORIZATION
EB4593 LC26000425

DESIGN-BUILDER



CLIENT



PROJECT INFORMATION

24-INCH FORCE MAIN AND 30-INCH WATER MAIN CANAL CROSSING

CITY OF MARGATE,
FLORIDA

PROJECT NUMBER
P15.653

VERIFY SCALES

0 1"

IF NOT ONE INCH ON THIS SHEET,
ADJUST SCALES ACCORDINGLY

DATE OF ISSUE

12/10/15

DRAWING TITLE

CROSSING CONCEPTUAL DESIGN

DRAWING NUMBER

CC-1

SCHEDULE OF VALUES

PROJECT: 2015-016 DESIGN/BUILD CRITERIA PACKAGE FOR 24-INCH FORCE MAIN AND 30-INCH WATER MAIN CANAL CROSSING

AIA Document G702, APPLICATION AND CERTIFICATE FOR PAYMENT, containing Contractor's signed Certification, is attached.
Use Column I on Contracts where retainage for the items may apply.

A	B				C
ITEM NO.	DESCRIPTION OF WORK	QUANTITY	UNITS	UNIT PRICE	VALUE
1.00	Location:				
	Division 1 - General Conditions				
1.01	BONDS AND INSURANCE	1	LS	\$ 31,500.00	\$ 31,500.00
1.02	MOBILIZATION (Paid Monthly)	1	LS	\$ 104,000.00	\$ 104,000.00
1.03	ENGINEERING SERVICES (Paid as % Complete of Design)	1	LS	\$ 98,900.00	\$ 98,900.00
1.04	SWPPP & TEMPORARY FENCING	1	LS	\$ 5,400.00	\$ 5,400.00
1.05	PERMIT FEE ALLOWANCE	1	AL	\$ 3,500.00	\$ 3,500.00
1.06	COST OF INDEMNIFICATION	1	LS	\$ 100.00	\$ 100.00
	Division 1 - General Conditions Total:			\$ 243,400.00	
	Division 2 - Sitework (Demolition)				
2.01	Demolish Existing Trees and Fence	1	LS	\$ 12,300.00	\$ 12,300.00
2.02	F&I External Restraints on Existing 30" Water Main	1	LS	\$ 19,800.00	\$ 19,800.00
2.03	F&I External Restraints on Existing 24" Sewer Force Main	1	LS	\$ 12,600.00	\$ 12,600.00
2.04	F&I 24" Linestops on Water Main	2	EA	\$ 33,600.00	\$ 67,200.00
2.05	F&I 30" Linestops on Sewer Force Main	2	EA	\$ 38,300.00	\$ 76,600.00
2.06	F&I 16" Sewer Main Bypass	1	LS	\$ 19,000.00	\$ 19,000.00
2.07	Demolish Existing Water Main Aerial Piping	1	LS	\$ 17,050.00	\$ 17,050.00
2.08	Demolish Existing Sewer Force Main Aerial Piping	1	LS	\$ 17,050.00	\$ 17,050.00
2.09	Demolish Existing Sewer Main Valves	2	EA	\$ 3,500.00	\$ 7,000.00
2.10	Demolish Existing Water Main Valves	2	EA	\$ 4,000.00	\$ 8,000.00
2.11	Demolish Pipe Pedestals and Concrete Platform	1	LS	\$ 5,000.00	\$ 5,000.00
2.12	Demolish Concrete Pile Caps and Cut Concrete Piles (1 foot below prop. invert elevation)	1	LS	\$ 11,000.00	\$ 11,000.00
	Division 2 (Demolition) Subtotal:			\$ 272,600.00	
	Division 2 - Sitework (Water Main & Sewer Main Improvements)				
2.13	F&I 30" DIP Water Main Piping	140	LF	\$ 487.00	\$ 68,180.00
2.14	F&I 24" DIP Sewer Force Main Piping	140	LF	\$ 475.00	\$ 66,500.00
2.15	F&I 30" MJ 45 Bends	4	EA	\$ 5,200.00	\$ 20,800.00
2.16	F&I 24" MJ 45 Bends	4	EA	\$ 4,950.00	\$ 19,800.00
2.17	F&I 30" Butterfly Valves on Water Main	2	EA	\$ 21,120.60	\$ 42,241.20
2.18	F&I 24" Plug Valves on Sewer Force Main	2	EA	\$ 19,500.00	\$ 39,000.00
2.19	Test & Connect Water Main	1	LS	\$ 24,000.00	\$ 24,000.00
2.20	Test & Connect Force Main	1	LS	\$ 19,000.00	\$ 19,000.00
2.21	F&I Air Release Valves & Concrete Vault	2	EA	\$ 9,500.00	\$ 19,000.00
2.22	F&I Concrete Vaults over Line Stops	4	EA	\$ 8,500.00	\$ 34,000.00
	Division 2 (Water Main & Sewer Main Improvements) Subtotal:			\$ 352,521.20	
	Division 2 Sitework Total:			\$ 625,121.20	
	Division 3-Landscape				
	Landscaping				
3.01	Grade & Replace Sod	1	LS	\$ 5,000.00	\$ 5,000.00
3.02	Install Bollards	8	EA	\$ 380.10	\$ 3,040.80
	Division 3 Landscape Total:			\$ 8,040.80	
	BASE CONTRACT TOTAL				\$ 876,562.00
	CONTINGENCY				
1.0	CONTINGENCY ALLOWANCE				\$ 20,000.00
	ORIGINAL CONTRACT TOTAL				\$ 896,562.00