

## SERVICES

Civil Engineering  
Environmental Engineering  
Transportation Planning & Engineering  
Water Resources  
Land Planning  
Ecological Services  
Surveying & Mapping  
Construction Management  
GIS Mapping  
Landscape Architecture  
(FL #LC26000183)

## OFFICE LOCATIONS

### **FLORIDA**

Tampa  
Miami  
Sarasota

### **TEXAS**

Austin

4921 Memorial Highway  
One Memorial Center  
Suite 300  
Tampa, Florida 33634  
phone 813.880.8881  
fax 813.880.8882

September 8, 2017

Mr. Jeremy Brown  
Utilities Engineering Manager  
City of Clearwater  
Engineering Department  
100 S. Myrtle Ave., Suite 220  
Clearwater, FL 33756-5520

Re: Memorial Causeway Subaqueous Pipelines Project (14-0041-UT)  
Recommendation of Award

Dear Mr. Brown:

King Engineering Associates, Inc. (King) has evaluated the four (4) bids received on August 30, 2017, for the above referenced project. A summary tabulation of the four bids is enclosed for your review. The apparent low bidder is Andrew Site Work, LLC (Andrew Site Work) with a total bid amount of \$3,048,602.70, which consists of the following:

Part A – Sanitary Sewer System:	\$	2,082,281.30
Part B – Potable Water Main System:	\$	966,321.40
Total:	\$	3,048,602.70

The Engineer's Opinion of Probable Construction Cost for the Memorial Causeway Subaqueous Pipelines Project was \$3.7M. Andrew Site Work's bid for the project is approximately 18% lower than the Engineer's Opinion of Probable Construction Cost.

As part of the bid evaluation, King contacted Andrew Site Work on September 6, 2017, to discuss their understanding of the project and the bid items. In summary, the following topics were discussed with Andrew Site Work and they have indicated the following:

- Andrew Site Work understands the scope of work and site conditions;
- Andrew Site Work understands the schedule requirements and contract time;
- Andrew Site Work has indicated that they have no exceptions in their bid;
- Andrew Site Work is comfortable with their bid prices and what is included in each bid item.

King also contacted the following references provided by Andrew Site Work:

- Angel Lafita, Project Manager - Pinellas County, Florida
- Susan Martelli, PE - Metzger and Willard
- William Sperry, PE - City of Cape Coral, Florida

Records of the telephone conversations are enclosed.

Mr. Jeremy Brown  
September 9, 2017  
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Andrew Site Work appears to be capable of successfully performing the work based on their understanding of the project, their experience, and feedback from the above references.

Therefore, we recommend that the City award the contract to Andrew Site Work, LLC in the amount of Three Million, Forty-Eight Thousand, Six Hundred Two Dollars and Seventy Cents (\$3,048,602.70).

If you have any questions or require any additional information, please feel free to contact us.

Sincerely,

**KING ENGINEERING ASSOCIATES, INC.**



Loc P. Truong, P.E.  
Environmental Engineering Department Manager

LPT/pre

Enclosures

cc: Lan-Anh Nguyen, City of Clearwater  
Christopher High, King  
File: 2110-215-000

## CONTRACTOR REFERENCE SUMMARY

**Project:** Clearwater Memorial Causeway Subaqueous Pipelines

**Bid No:** 14-0041-UT

**Contractor:** Andrew Site Work, LLC

**Reference:** Angel Lafita – Project Manager, Pinellas County, Florida

**Date of Phone Call:** September 6, 2017

1. What kind of project did the Contractor work with you on?

*Andrew Site Work was the general contractor for construction of the County's 1,850 LF subaqueous directional bore crossing Indian Shores Intracoastal Waterway, along with manhole lining, complicated tie-ins and sound barriers.*

2. What was the construction cost of the project?

*Approximately \$1.1M.*

3. What year was the contract completed?

*2015.*

4. Did Contractor do quality work, i.e. were you pleased with his performance?

*Yes, very professional.*

5. Was the contractor easy to contact and work with?

*Yes; kept excellent coordination with the subcontractor.*

6. Were there any delays/schedule issues? Did Contractor complete work within the specified contract time period?

*No delays, project completed 100 days ahead of the schedule.*

7. Were there any significant change orders?

*No*

8. If you had the choice, would you use this Contractor again?

*Yes, very good contractor to work with.*

## CONTRACTOR REFERENCE SUMMARY

**Project:** Clearwater Memorial Causeway Subaqueous Pipelines

**Bid No:** 14-0041-UT

**Contractor:** Andrew Site Work, LLC

**Reference:** Susan Martelli, PE, Metzger & Willard

**Date of Phone Call:** September 6, 2017

1. What kind of project did the Contractor work with you on?

*Andrew Site Work was the general contractor for construction of 1,100 LF of (2) 8-inch bundled FPVC subaqueous directional drill including the open cut of 4,000 LF of 8-inch DIP and PVC pipe.*

2. What was the construction cost of the project?

*Approximately \$1.0M.*

3. What year was the contract completed?

*2014.*

4. Did Contractor do quality work, i.e. were you pleased with their performance?

*Yes.*

5. Was the contractor easy to contact and work with?

*Yes.*

6. Were there any delays/schedule issues? Did Contractor complete work within the specified contract time period?

*No delays.*

7. Were there any significant change orders?

*All of them were due to design changes that the County requested. No change orders were driven by the Contractor.*

8. If you had the choice, would you use this Contractor again?

*Yes.*

## CONTRACTOR REFERENCE SUMMARY

**Project:** Clearwater Memorial Causeway Subaqueous Pipelines

**Bid No:** 14-0041-UT

**Contractor:** Andrew Site Work, LLC

**Reference:** William H. Sperry – PE, City of Cape Coral, Florida

**Date of Phone Call:** September 6, 2017

1. What kind of project did the Contractor work with you on?

*Andrew Site Work was the general contractor for construction of 32,000 LF of 2-inch, 4-inch, 6-inch and 8-inch C-900 PVC by open cut including water service, fire hydrants and restoration.*

2. What was the construction cost of the project?

*Approximately \$12.7M.*

3. What year was the contract completed?

*2015.*

4. Did Contractor do quality work, i.e. were you pleased with his performance?

*Yes, very successful project.*

5. Was the contractor easy to contact and work with?

*Yes, continued correspondence with Contractor.*

6. Were there any delays/schedule issues? Did Contractor complete work within the specified contract time period?

*No delays.*

7. Were there any significant change orders?

*No*

8. If you had the choice, would you use this Contractor again?

*Yes, highly recommended.*

Memorial Causeway Subaqueous Pipeline Project # 14-0041-UT														
Bid Opening Date: August 30, 2017					Award Date: October 5, 2017									
				Andrew Sitework, LLC 2511 Palm Ave Fort Myers, FL 33916		Metro Equipment Services, Inc. 9415 SW 72nd St. Miami, FL 33173		Southern Underground Industries 5979 NW 151st St. Miami Lakes, FL 33014		Westra Construction Corp. 1263 12th Ave. E. Palmetto, FL 34221		Bidders' Average Unit Price	Bidders' Average Total Price	
BID ITEMS			UNIT	QTY	UNIT PRICE	TOTAL	UNIT PRICE	TOTAL	UNIT PRICE	TOTAL	UNIT PRICE	TOTAL	UNIT PRICE	TOTAL
Part A – Sanitary Sewer System														
1A	Mobilization (Maximum of 5%)		LS	1	\$ 79,930.00	\$ 79,930.00	\$ 90,000.00	\$ 90,000.00	\$ 110,000.00	\$ 110,000.00	\$ 188,900.00	\$ 188,900.00	\$ 117,207.50	\$ 117,207.50
2A	Maintenance of Traffic (Maximum of 3%)		LS	1	\$ 44,020.00	\$ 44,020.00	\$ 55,000.00	\$ 55,000.00	\$ 66,000.00	\$ 66,000.00	\$ 112,000.00	\$ 112,000.00	\$ 69,255.00	\$ 69,255.00
3A	24" HDPE DR-9 Force Main Pipe by HDD		LF	2,400	\$ 582.00	\$ 1,396,800.00	\$ 690.00	\$ 1,656,000.00	\$ 490.00	\$ 1,176,000.00	\$ 1,100.00	\$ 2,640,000.00	\$ 715.50	\$ 1,717,200.00
4A	16" Ductile Iron Force Main Pipe by Open Cut		LF	100	\$ 118.00	\$ 11,800.00	\$ 80.00	\$ 8,000.00	\$ 120.00	\$ 12,000.00	\$ 400.00	\$ 40,000.00	\$ 179.50	\$ 17,950.00
5A	20" Ductile Iron Force Main Pipe by Open Cut		LF	100	\$ 152.00	\$ 15,200.00	\$ 100.00	\$ 10,000.00	\$ 130.00	\$ 13,000.00	\$ 450.00	\$ 45,000.00	\$ 208.00	\$ 20,800.00
6A	24" Ductile Iron Force Main Pipe by Open Cut		LF	100	\$ 229.00	\$ 22,900.00	\$ 120.00	\$ 12,000.00	\$ 725.00	\$ 72,500.00	\$ 500.00	\$ 50,000.00	\$ 393.50	\$ 39,350.00
7A	Ductile Iron Fittings		TON	3	\$ 100.00	\$ 300.00	\$ 10,000.00	\$ 30,000.00	\$ 13,000.00	\$ 39,000.00	\$ 25,000.00	\$ 75,000.00	\$ 12,025.00	\$ 36,075.00
8A	16" Line Stop		EA	1	\$ 9,487.00	\$ 9,487.00	\$ 3,000.00	\$ 3,000.00	\$ 23,000.00	\$ 23,000.00	\$ 14,000.00	\$ 14,000.00	\$ 12,371.75	\$ 12,371.75
9A	20" Line Stop		EA	1	\$ 14,825.00	\$ 14,825.00	\$ 5,000.00	\$ 5,000.00	\$ 28,000.00	\$ 28,000.00	\$ 20,000.00	\$ 20,000.00	\$ 16,956.25	\$ 16,956.25
10A	16" Tapping Sleeve and Valve		EA	1	\$ 23,416.00	\$ 23,416.00	\$ 20,000.00	\$ 20,000.00	\$ 61,000.00	\$ 61,000.00	\$ 35,000.00	\$ 35,000.00	\$ 34,854.00	\$ 34,854.00
11A	20" Tapping Sleeve and Valve		EA	1	\$ 31,375.00	\$ 31,375.00	\$ 26,000.00	\$ 26,000.00	\$ 69,000.00	\$ 69,000.00	\$ 45,000.00	\$ 45,000.00	\$ 42,843.75	\$ 42,843.75
12A	Combination Air/Vacuum Valve Assembly		EA	2	\$ 8,350.00	\$ 16,700.00	\$ 6,000.00	\$ 12,000.00	\$ 5,700.00	\$ 11,400.00	\$ 8,000.00	\$ 16,000.00	\$ 7,012.50	\$ 14,025.00
13A	Flowable Fill		CYD	220	\$ 242.00	\$ 53,240.00	\$ 175.00	\$ 38,500.00	\$ 260.00	\$ 57,200.00	\$ 300.00	\$ 66,000.00	\$ 244.25	\$ 53,735.00
14A	2" Mill & Overlay SP-12.5 Asphalt Restoration on Bayway Blvd.		SY	300	\$ 72.30	\$ 21,690.00	\$ 48.00	\$ 14,400.00	\$ 30.00	\$ 9,000.00	\$ 60.00	\$ 18,000.00	\$ 52.58	\$ 15,772.50
15A	Site Restoration		LS	1	\$ 26,000.00	\$ 26,000.00	\$ 3,000.00	\$ 3,000.00	\$ 85,000.00	\$ 85,000.00	\$ 173,000.00	\$ 173,000.00	\$ 71,750.00	\$ 71,750.00
16A	Temporary Asphalt Pedestrian Trail, Access Drives and Restoration		LS	1	\$ 111,600.00	\$ 111,600.00	\$ 20,000.00	\$ 20,000.00	\$ 163,714.82	\$ 163,714.82	\$ 100,000.00	\$ 100,000.00	\$ 98,828.71	\$ 98,828.71
17A	Floating Turbidity Barriers		LS	1	\$ 13,700.00	\$ 13,700.00	\$ 2,000.00	\$ 2,000.00	\$ 9,500.00	\$ 9,500.00	\$ 13,000.00	\$ 13,000.00	\$ 9,550.00	\$ 9,550.00
	Subtotal (Items 1A-17A)					\$ 1,892,983.00		\$ 2,004,900.00		\$ 2,005,314.82		\$ 3,650,900.00		\$ 2,388,524.46
18A	Sanitary Sewer 10% Contingency		LS	1	\$ 189,298.30	\$ 189,298.30	\$ 200,490.00	\$ 200,490.00	\$ 200,531.48	\$ 200,531.48	\$ 365,090.00	\$ 365,090.00	\$ 238,852.45	\$ 238,852.45
	Part A Total (Items 1A-18A)					\$ 2,082,281.30		\$ 2,205,390.00		\$ 2,205,846.30		\$ 4,015,990.00		\$ 2,627,376.90
Part B – Potable Water Main System														
1B	Mobilization (Maximum of 5%)		LS	1	\$ 43,809.00	\$ 43,809.00	\$ 50,000.00	\$ 50,000.00	\$ 67,000.00	\$ 67,000.00	\$ 90,000.00	\$ 90,000.00	\$ 62,702.25	\$ 62,702.25
2B	Maintenance of Traffic (Maximum of 3%)		LS	1	\$ 20,631.00	\$ 20,631.00	\$ 30,000.00	\$ 30,000.00	\$ 40,000.00	\$ 40,000.00	\$ 54,000.00	\$ 54,000.00	\$ 36,157.75	\$ 36,157.75
3B	20" HDPE DR-11 Water Main Pipe by HDD		LF	1,500	\$ 297.00	\$ 445,500.00	\$ 470.00	\$ 705,000.00	\$ 395.00	\$ 592,500.00	\$ 700.00	\$ 1,050,000.00	\$ 465.50	\$ 698,250.00
4B	20" Ductile Iron Water Main Pipe by Open Cut		LF	800	\$ 266.20	\$ 212,960.00	\$ 300.00	\$ 240,000.00	\$ 220.00	\$ 176,000.00	\$ 300.00	\$ 240,000.00	\$ 271.55	\$ 217,240.00
5B	Ductile Iron Fittings		TON	3	\$ 100.00	\$ 300.00	\$ 20,000.00	\$ 60,000.00	\$ 15,000.00	\$ 45,000.00	\$ 25,000.00	\$ 75,000.00	\$ 15,025.00	\$ 45,075.00
6B	20" Resilient Wedge Gate Valves with Box		EA	3	\$ 15,155.00	\$ 45,465.00	\$ 13,000.00	\$ 39,000.00	\$ 28,000.00	\$ 84,000.00	\$ 15,000.00	\$ 45,000.00	\$ 17,788.75	\$ 53,366.25
7B	16" Tapping Sleeve and Valve		EA	1	\$ 15,040.00	\$ 15,040.00	\$ 20,000.00	\$ 20,000.00	\$ 30,000.00	\$ 30,000.00	\$ 30,000.00	\$ 30,000.00	\$ 23,760.00	\$ 23,760.00
8B	Combination Air/Vacuum Valve Assembly		EA	1	\$ 8,630.00	\$ 8,630.00	\$ 5,000.00	\$ 5,000.00	\$ 11,000.00	\$ 11,000.00	\$ 6,000.00	\$ 6,000.00	\$ 7,657.50	\$ 7,657.50
9B	Coachman Park Site Restoration		LS	1	\$ 37,852.00	\$ 37,852.00	\$ 10,000.00	\$ 10,000.00	\$ 73,022.22	\$ 73,022.22	\$ 132,000.00	\$ 132,000.00	\$ 63,218.56	\$ 63,218.56
10B	Site Restoration		LS	1	\$ 15,800.00	\$ 15,800.00	\$ 4,000.00	\$ 4,000.00	\$ 85,000.00	\$ 85,000.00	\$ 20,000.00	\$ 20,000.00	\$ 31,200.00	\$ 31,200.00
11B	Temporary Access Drives		LS	1	\$ 14,869.00	\$ 14,869.00	\$ 2,000.00	\$ 2,000.00	\$ 14,000.00	\$ 14,000.00	\$ 5,500.00	\$ 5,500.00	\$ 9,092.25	\$ 9,092.25
12B	Floating Turbidity Barriers		LS	1	\$ 5,228.00	\$ 5,228.00	\$ 1,000.00	\$ 1,000.00	\$ 13,000.00	\$ 13,000.00	\$ 4,500.00	\$ 4,500.00	\$ 5,932.00	\$ 5,932.00
13B	Televisе Existing 20-inch Ball Joint Water Main		LF	300	\$ 41.30	\$ 12,390.00	\$ 10.00	\$ 3,000.00	\$ 50.00	\$ 15,000.00	\$ 58.00	\$ 17,400.00	\$ 39.83	\$ 11,947.50
	Subtotal (Items 1B-13B)					\$ 878,474.00		\$ 1,169,000.00		\$ 1,245,522.22		\$ 1,769,400.00		\$ 1,265,599.06
14B	Potable Water System 10% Contingency		LS	1	\$ 87,847.40	\$ 87,847.40	\$ 116,900.00	\$ 116,900.00	\$ 124,552.22	\$ 124,552.22	\$ 176,940.00	\$ 176,940.00	\$ 126,559.91	\$ 126,559.91
	Part B Total (Items 1B-14B)					\$ 966,321.40		\$ 1,285,900.00		\$ 1,370,074.44		\$ 1,946,340.00		\$ 1,392,158.96
	Subtotal					\$ 2,771,457.00		\$ 3,173,900.00		\$ 3,250,837.04		\$ 5,420,300.00		\$ 3,654,123.51
	Total Contingency					\$ 277,145.70		\$ 317,390.00		\$ 325,083.70		\$ 542,030.00		\$ 365,412.35
	Total Contract					\$ 3,048,602.70		\$ 3,491,290.00		\$ 3,575,920.74		\$ 5,962,330.00		\$ 4,019,535.86
	BIDDER'S GRAND TOTAL (Part A + Part B)					\$ 3,048,602.70		\$ 3,491,290.00		\$ 3,575,920.74		\$ 5,962,330.00		\$ 4,019,535.86