

MANATEE COUNTY GOVERNMENT

INTENT TO AWARD

SUBJECT	Force Main Replacement Project at Windmill Village	DATE POSTED	MC <u>X SE 8/12/16</u> DS <u>X SE 8/12/16</u> CC <u>N/A</u>
PURCHASING REPRESENTATIVE	Donna M. Stevens ext. 3045	DATE CONTRACT SHALL BE AWARDED	Seven days from date posted
DEPARTMENT	Public Works Department	CONSEQUENCES IF DEFERRED	Delay in project
SOLICITATION	IFB #16-2231-DS	AUTHORIZED BY DATE	Dennis Wallace <u>[Signature]</u> August 12, 2016

NOTICE OF INTENT TO AWARD

Notice of Intent to Award, Invitation for Bid # 16-2231-DS, Force Main Replacement Project at Windmill Village to the lowest, responsive and responsible bidder, Spectrum Underground, Inc. 1876 Barber Road, Suite 200, Sarasota, FL 34240 for a total bid award of **\$151,712.00 for Bid A based on 180 calendar days.**

ENABLING/REGULATING AUTHORITY

Federal/State law(s), administrative ruling(s), Manatee County Comp Plan/Land Development Code, ordinances, resolutions, policy.

Manatee County Code of Law

BACKGROUND/DISCUSSION

The Work consists of, but is not limited to, construction of approximately 850 LF of 8" HDPE force main by directional drill and 600 LF of 6" PVC force that commences at Lift Station # 405 near the intersection of US-41 and 63rd Avenue and ties into Lift Station # 404 near the intersection of 63rd Avenue and 8th Street.

The restoration of all pavement, concrete, and sod disturbed during construction of force main, bypassing, horizontal directional drills, and existing force main extensions and connections.

The Contractor shall furnish all shop drawings, working drawings, labor, materials, equipment, tools, services and incidentals necessary to complete all work required by these Specifications and as shown on the Contract Drawings.

Appropriate bid procedures were followed. Notice of Bid availability advertised on Demand Star, Mymanatee.org and the Manatee Chamber of Commerce. Seven (7) bids were received.

<u>Manatee County Firm</u>	<u>Bid "A" (180 calendar days)</u>	<u>Bid "B" (240 calendar days)</u>
Woodruff and Sons, Inc.	\$ 391,910.66	\$ 349,519.41
Westra Construction Corp.	\$ 299,428.80	\$ 299,428.80
<u>Sarasota County Firm</u>	<u>Bid "A" (180 calendar days)</u>	<u>Bid "B" (240 calendar days)</u>
David Kuxhausen Constr. LLC.	\$ 168,091.00	No Bid
Spectrum Underground, Inc.	\$ 151,712.00	\$ 151,712.00
<u>Miami-Dade County Firm</u>	<u>Bid "A" (180 calendar days)</u>	<u>Bid "B" (240 calendar days)</u>
Southern Underground Industries. Inc.	\$ 196,504.00	\$ 196,504.00
<u>Hillsborough County Firm</u>	<u>Bid "A" (180 calendar days)</u>	<u>Bid "B" (240 calendar days)</u>
Harris-McBurney Company	\$ 184,177.40	\$ 184,177.40
<u>Washtenaw County Firm</u>	<u>Bid "A" (180 calendar days)</u>	<u>Bid "B" (240 calendar days)</u>
(Ann Arbor Michigan) Douglas N. Higgins, Inc.	\$ 226,831.00	\$ 226,831.00

Background/discussion continued on page 2.

		FUNDING SOURCE (Acct Number & Name)	Utility Rates
Bid Tabulation Recommendation to Award			X Funds Verified
COST	\$151,712.00	AMT/FREQ OF RECURRING COSTS (Attach Fiscal Impact Statement)	

- On **August 9, 2016** received from Public Works Department the recommendation to award to Spectrum Underground, Inc. the lowest, responsive and responsible bidder for a total base bid of **\$151,712.00** with a **180 calendar day completion.**
- This funding source for this Agreement will be (Utility Rates) (4025133780-534000, 5133780-0004

MEMORANDUM

To: Melissa M. Wendel, CPPO, Purchasing Official
From: Jeff Streitmatter III, P. E., Project Management
Division Manager



Date: July 26, 2016
Subject: Force Main Replacement Project at Windmill Village
Spectrum Underground, Inc.
Recommendation for Award - IFB# 16-2231-DS

The bids for the above referenced project have been reviewed by staff. The bid tabulation form is attached for your review. It is recommended that the contract Bid "A", with a construction time of 180 calendar days be awarded to the lowest responsive, responsible bidder, Spectrum Underground, Inc., in the amount of \$151,712.00 and in accordance with the terms and conditions of the bid package. Upon completion of project award, please provide a copy of the purchase order assigned to the contractor. The funding source for this contract is Utility Rates.

Please contact Eric Shroyer, Project Manager, if you have any questions regarding the attached documents.

Thank you for your continued assistance.

JS/ES

cc: Mike Gore, Director, Utilities
Ron Schulhofer, Director, Public Works
Sla Mollanazar, P.E., Deputy Director, Engineering Services
Eric Shroyer, P.E., Project Manager
Project File: 5133780 9.2

Public Works Department
Project Management Division
1022 26th Avenue East, Bradenton, FL 34208-3926
Phone number: (941) 708-7450

LARRY BUSTLE * CHARLES B. SMITH * JOHN R. CHAPPIE * ROBIN DISABATINO * VANESSA BAUGH * CAROL WHITMORE * BETSY BENAC

District 1 District 2 District 3 District 4 District 5 District 6 District 7

S:\PWD_PJM_Share\Projects\Wastewater\Force Main-Windmill Village Replc_51337 80\SBidding-Construction\Bids-Tabs\20160725
Recommendation for Award IFB Fully Funded Memo.docx



July 26, 2016

Mr. Eric Shroyer, P.E.
Manatee County Government
Public Works Department/Project Management Division
1022 26th Avenue East
Bradenton, FL 34208

Re: Force Main Replacement at Windmill Village
Bid Tabulation and Review, IFB #16-2231-DS

Dear Mr. Shroyer:

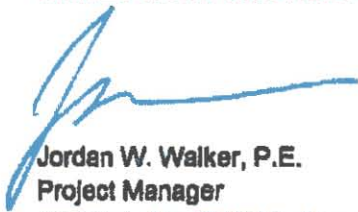
A total of seven (7) bids were received on July 22, 2016 for the above-referenced project. Bid prices ranged from a low of \$151,172.00 (submitted by Spectrum Underground, Inc.) to a high of \$391,910.66 (submitted by Woodruff & Sons, Inc.). The bidding documents requested two base bids from each bidder. The base bid for a completion time of 180 calendar days and the base bid for a completion time of 240 calendar days both resulted with Spectrum Underground, Inc. as the lowest bidder.

Kimley-Horn and Associates, Inc. used the Florida Department of Business and Professional Regulation website to determine the status of the license for Spectrum Underground, Inc. Their license is current/active and no complaints are on file. The reference supplied by Spectrum Underground, Inc. is acceptable. Based upon the information provided with each bid and in consideration of the terms and conditions set forth in the contract document, Kimley-Horn recommends the project be awarded to Spectrum Underground, Inc. for the base bid.

If you have any questions, please feel free to contact me.

Very truly yours,

KIMLEY-HORN AND ASSOCIATES, INC.

A handwritten signature in blue ink, appearing to read "Jordan W. Walker".

Jordan W. Walker, P.E.
Project Manager
Jordan.walker@kimley-horn.com

**BID TABULATION
FOR
IFB #16-2231-DS
Force Main Replacement Project at Windmill Village**

BID "A" - 180 CALENDAR DAYS				1 Woodruff & Sons, Inc. P O Box 10127 Bradenton, FL 34282		2 David Kuxhausen Construction LLC 4321 Midland Road Sarasota, FL 34231		3 Southern Underground Industries, Inc. 3075 NW South River Drive Miami, FL 33142		4 Spectrum Underground, Inc. 1876 B Barber Road, Suite 290 Sarasota, FL 34240	
ITEM	DESCRIPTION	EST. QTY.	U/M	BID PRICE PER UNIT	TOTAL BID PRICE	BID PRICE PER UNIT	TOTAL BID PRICE	BID PRICE PER UNIT	TOTAL BID PRICE	BID PRICE PER UNIT	TOTAL BID PRICE
1	Mobilization	1	LS	\$ 39,076.65	\$ 39,076.65	\$ 9,000.00	\$ 9,000.00	\$ 19,500.00	\$ 19,500.00	\$ 12,820.00	\$ 12,820.00
2	Maintenance of Traffic	1	LS	\$ 8,995.37	\$ 8,995.37	\$ 5,000.00	\$ 5,000.00	\$ 7,500.00	\$ 7,500.00	\$ 750.00	\$ 750.00
3	Erosion and Sediment Control	1	LS	\$ 2,549.04	\$ 2,549.04	\$ 3,000.00	\$ 3,000.00	\$ 6,000.00	\$ 6,000.00	\$ 1,800.00	\$ 1,800.00
4	Miscellaneous Work, Clean Up & Restoration	1	LS	\$ 64,578.80	\$ 64,578.80	\$ 11,000.00	\$ 11,000.00	\$ 11,000.00	\$ 11,000.00	\$ 1,500.00	\$ 1,500.00
SUBTOTAL (ITEMS 1-4)					\$ 115,199.86		\$ 28,000.00		\$ 44,000.00		\$ 16,870.00
5	6" PVC C900 DR 18 Force Main (Direct Bury)	600	LF	\$ 47.65	\$ 28,590.00	\$ 33.00	\$ 19,800.00	\$ 34.00	\$ 20,400.00	\$ 54.50	\$ 32,700.00
6	6" Plug Valves (Addendum #2)	2	EA	\$ 2,045.99	\$ 4,091.98	\$ 4,400.00	\$ 8,800.00	\$ 1,700.00	\$ 3,400.00	\$ 2,180.00	\$ 4,360.00
7	6" HDPE DR 11 DIPS (HDD)	850	LF	\$ 70.07	\$ 59,559.50	\$ 65.00	\$ 55,250.00	\$ 55.00	\$ 46,750.00	\$ 38.50	\$ 32,725.00
8	Force Main Connection and Lift Station Shutdown	1	LS	\$ 87,367.73	\$ 87,367.73	\$ 17,000.00	\$ 17,000.00	\$ 39,500.00	\$ 39,500.00	\$ 29,320.00	\$ 29,320.00
9	Air Release Valves	3	EA	\$ 6,784.75	\$ 20,354.25	\$ 3,000.00	\$ 9,000.00	\$ 2,800.00	\$ 8,400.00	\$ 2,935.00	\$ 8,805.00
10	Pipe Adapters	2	EA	\$ 6,794.24	\$ 13,588.48	\$ 1,000.00	\$ 2,000.00	\$ 3,500.00	\$ 7,000.00	\$ 175.00	\$ 350.00
11	Grout Fill Abandoned 4" Force Main	3	CY	\$ 3,542.24	\$ 10,626.72	\$ 1,800.00	\$ 5,400.00	\$ 1,600.00	\$ 4,800.00	\$ 2,400.00	\$ 7,200.00
12	Driveway/Sidewalk Restoration	30	SY	\$ 138.80	\$ 4,164.00	\$ 90.00	\$ 2,700.00	\$ 65.00	\$ 1,950.00	\$ 65.00	\$ 1,950.00
13	Pavement Repair and Road Restoration (Base and Resurface)	50	SY	\$ 227.39	\$ 11,369.50	\$ 90.00	\$ 4,500.00	\$ 26.00	\$ 1,300.00	\$ 65.00	\$ 3,250.00
14	Sodding	60	SY	\$ 22.84	\$ 1,370.40	\$ 6.00	\$ 360.00	\$ 19.00	\$ 1,140.00	\$ 6.50	\$ 390.00
SUBTOTAL (ITEMS 5-14)					\$ 241,082.56		\$ 124,810.00		\$ 134,640.00		\$ 121,050.00
TOTAL BASE BID "A" ITEMS (1-14) Based on Completion of 180 Calendar Days					\$ 356,282.42		\$ 152,810.00		\$ 178,640.00		\$ 137,920.00
15	CONTRACT CONTINGENCY (USED ONLY WITH COUNTY APPROVAL)	10% of TOTAL BASE BID			\$ 35,628.24		\$ 15,281.00		\$ 17,864.00		\$ 13,792.00
TOTAL OFFER FOR BID "A" with Contract Contingency Based on Completion Time of 180 Calendar Days					\$ 391,910.66		\$ 168,091.00		\$ 196,504.00		\$ 151,712.00

**BID TABULATION
FOR
IFB #16-2231-DS
Force Main Replacement Project at Windmill Village**

BID "A" - 180 CALENDAR DAYS				5 Westra Construction Corp 1263 12th Avenue East Palmetto, FL 34221		6 Douglas N Higgins, Inc 3390 Travis Pointe Road, Ste. A Ann Arbor, MI 48108		7 Harris-McBurney Company 2120 North US Highway 301 Tampa, FL 33619	
ITEM	DESCRIPTION	EST. QTY.	U/M	BID PRICE PER UNIT	TOTAL BID PRICE	BID PRICE PER UNIT	TOTAL BID PRICE	BID PRICE PER UNIT	TOTAL BID PRICE
1	Mobilization	1	LS	\$ 27,000.00	\$ 27,000.00	\$ 20,000.00	\$ 20,000.00	\$ 15,000.00	\$ 15,000.00
2	Maintenance of Traffic	1	LS	\$ 17,000.00	\$ 17,000.00	\$ 10,000.00	\$ 10,000.00	\$ 3,000.00	\$ 3,000.00
3	Erosion and Sediment Control	1	LS	\$ 1,100.00	\$ 1,100.00	\$ 4,000.00	\$ 4,000.00	\$ 1,500.00	\$ 1,500.00
4	Miscellaneous Work, Clean Up & Restoration	1	LS	\$ 100,000.00	\$ 100,000.00	\$ 9,000.00	\$ 9,000.00	\$ 14,750.00	\$ 14,750.00
		SUBTOTAL (ITEMS 1-4)			\$ 145,100.00		\$ 43,000.00		\$ 34,250.00
5	6" PVC C900 DR 18 Force Main (Direct Bury)	600	LF	\$ 61.50	\$ 36,900.00	\$ 65.00	\$ 39,000.00	\$ 31.00	\$ 18,600.00
6	6" Plug Valves (Addendum # 2)	2	EA	\$ 2,000.00	\$ 4,000.00	\$ 950.00	\$ 1,900.00	\$ 2,181.00	\$ 4,362.00
7	6" HDPE DR 11 DIPS (HDD)	850	LF	\$ 48.00	\$ 40,800.00	\$ 99.00	\$ 84,150.00	\$ 80.00	\$ 68,000.00
8	Force Main Connection and Lift Station Shutdown	1	LS	\$ 27,700.00	\$ 27,700.00	\$ 12,000.00	\$ 12,000.00	\$ 23,808.00	\$ 23,808.00
9	Air Release Valves	3	EA	\$ 2,400.00	\$ 7,200.00	\$ 4,600.00	\$ 13,800.00	\$ 2,597.00	\$ 7,791.00
10	Pipe Adapters	2	EA	\$ 340.00	\$ 680.00	\$ 400.00	\$ 800.00	\$ 405.50	\$ 811.00
11	Grout Fill Abandoned 4" Forcemain	3	CY	\$ 1,650.00	\$ 4,950.00	\$ 700.00	\$ 2,100.00	\$ 824.00	\$ 2,472.00
12	Driveway/Sidewalk Restoration	30	SY	\$ 55.60	\$ 1,668.00	\$ 110.00	\$ 3,300.00	\$ 85.00	\$ 2,550.00
13	Pavement Repair and Road Restoration (Base and Resurface)	50	SY	\$ 57.00	\$ 2,850.00	\$ 110.00	\$ 5,500.00	\$ 85.00	\$ 4,250.00
14	Sodding	60	SY	\$ 6.00	\$ 360.00	\$ 11.00	\$ 660.00	\$ 9.00	\$ 540.00
		SUBTOTAL (ITEMS 5-14)			\$ 127,108.00		\$ 163,210.00		\$ 133,184.00
	TOTAL BASE BID "A" ITEMS (1-14) Based on Completion of 180 Calendar Days				\$ 272,208.00		\$ 206,210.00		\$ 167,434.00
15	CONTRACT CONTINGENCY (USED ONLY WITH COUNTY APPROVAL)	10% of TOTAL BASE BID			\$ 27,220.80		\$ 20,621.00		\$ 16,743.40
	TOTAL OFFER FOR BID "A" with Contract Contingency Based on Completion Time of 180 Calendar Days				\$ 299,428.80		\$ 226,831.00		\$ 184,177.40

BID TABULATION
FOR
IFB #16-2231-DS
Force Main Replacement Project at Windmill Village

BID "B" - 240 CALENDAR DAYS				1 Woodruff & Sons, Inc P O Box 10127 Bradenton, FL 34282		2 David Kurdhausen Construction LLC 4321 Midland Road Sarasota, FL 34231		3 Southern Underground Industries, Inc 3075 NW South River Drive Miami, FL 33142		4 Spectrum Underground, Inc 1876 B Barber Road, Suite 200 Sarasota, FL 34240	
ITEM	DESCRIPTION	EST QTY.	U/M	BID PRICE PER UNIT	TOTAL BID PRICE	BID PRICE PER UNIT	TOTAL BID PRICE	BID PRICE PER UNIT	TOTAL BID PRICE	BID PRICE PER UNIT	TOTAL BID PRICE
1	Mobilization	1	LS	\$ 34,290.79	\$ 34,290.79			\$ 19,500.00	\$ 19,500.00	\$ 12,820.00	\$ 12,820.00
2	Maintenance of Traffic	1	LS	\$ 8,689.15	\$ 8,689.15			\$ 7,500.00	\$ 7,500.00	\$ 750.00	\$ 750.00
3	Erosion and Sediment Control	1	LS	\$ 2,192.46	\$ 2,192.46			\$ 6,000.00	\$ 6,000.00	\$ 1,800.00	\$ 1,800.00
4	Miscellaneous Work, Clean Up & Restoration	1	LS	\$ 57,731.50	\$ 57,731.50			\$ 11,000.00	\$ 11,000.00	\$ 1,500.00	\$ 1,500.00
SUBTOTAL (ITEMS 1-4)					\$ 102,903.90				\$ 44,000.00		\$ 16,870.00
5	6" PVC C900 DR 18 Force Main (Direct Bury)	600	LF	\$ 41.02	\$ 24,612.00			\$ 34.00	\$ 20,400.00	\$ 54.50	\$ 32,700.00
6	6" Plug Valves (Addendum # 2)	2	EA	\$ 1,952.63	\$ 3,905.26			\$ 1,700.00	\$ 3,400.00	\$ 2,180.00	\$ 4,360.00
7	6" HDPE DR 11 DIPS (HDD)	850	LF	\$ 65.53	\$ 55,700.50			\$ 55.00	\$ 46,750.00	\$ 38.50	\$ 32,725.00
8	Force Main Connection and Lift Station Shutdown	1	LS	\$ 76,443.90	\$ 76,443.90			\$ 39,500.00	\$ 39,500.00	\$ 29,320.00	\$ 29,320.00
9	Air Release Valves	3	EA	\$ 5,933.50	\$ 17,800.50			\$ 2,800.00	\$ 8,400.00	\$ 2,935.00	\$ 8,805.00
10	Pipe Adapters	2	EA	\$ 5,791.84	\$ 11,583.68			\$ 3,500.00	\$ 7,000.00	\$ 175.00	\$ 350.00
11	Grout Fill Abandoned 4" Force Main	3	CY	\$ 3,175.06	\$ 9,525.18			\$ 1,600.00	\$ 4,800.00	\$ 2,400.00	\$ 7,200.00
12	Driveway/Sidewalk Restoration	30	SY	\$ 124.28	\$ 3,728.40			\$ 65.00	\$ 1,950.00	\$ 65.00	\$ 1,950.00
13	Pavement Repair and Road Restoration (Base and Resurface)	50	SY	\$ 206.94	\$ 10,347.00			\$ 26.00	\$ 1,300.00	\$ 65.00	\$ 3,250.00
14	Sodding	60	SY	\$ 19.91	\$ 1,194.60			\$ 19.00	\$ 1,140.00	\$ 6.50	\$ 390.00
SUBTOTAL (ITEMS 5-14)					\$ 214,841.02				\$ 134,640.00		\$ 121,050.00
	TOTAL BASE BID "B" ITEMS (1-14) Based on Completion of 240 Calendar Days				\$ 317,744.92				\$ 178,640.00		\$ 137,920.00
15	CONTRACT CONTINGENCY (USED ONLY WITH COUNTY APPROVAL)	10% of TOTAL BASE BID			\$ 31,774.49				\$ 17,864.00		\$ 13,792.00
	TOTAL OFFER FOR BID "B" with Contract Contingency Based on Completion Time of 240 Calendar Days				\$ 349,519.41		Contractor no bid Bid "B"		\$ 196,504.00		\$ 151,712.00

**BID TABULATION
FOR
IFB #16-2231-DS
Force Main Replacement Project at Windmill Village**

BID "B" - 240 CALENDAR DAYS				5 Westra Construction Corp 1263 12th Avenue East Palmetto, FL 34221		6 Douglas N Higgins, Inc 3390 Travis Pointe Road, Ste A Ann Arbor, MI 48108		7 Harris-McBurney Company 2120 North US Highway 301 Tampa, FL 33619	
ITEM	DESCRIPTION	EST. QTY	U/M	BID PRICE PER UNIT	TOTAL BID PRICE	BID PRICE PER UNIT	TOTAL BID PRICE	BID PRICE PER UNIT	TOTAL BID PRICE
1	Mobilization	1	LS	\$ 27,000.00	\$ 27,000.00	\$ 20,000.00	\$ 20,000.00	\$ 15,000.00	\$ 15,000.00
2	Maintenance of Traffic	1	LS	\$ 17,000.00	\$ 17,000.00	\$ 10,000.00	\$ 10,000.00	\$ 3,000.00	\$ 3,000.00
3	Erosion and Sediment Control	1	LS	\$ 1,100.00	\$ 1,100.00	\$ 4,000.00	\$ 4,000.00	\$ 1,500.00	\$ 1,500.00
4	Miscellaneous Work, Clean Up & Restoration	1	LS	\$ 100,000.00	\$ 100,000.00	\$ 9,000.00	\$ 9,000.00	\$ 14,750.00	\$ 14,750.00
		SUBTOTAL (ITEMS 1-4)			\$ 145,100.00		\$ 43,000.00		\$ 34,250.00
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6	6" Plug Valves (Addendum # 2)	2	EA	\$ 2,000.00	\$ 4,000.00	\$ 950.00	\$ 1,900.00	\$ 2,181.00	\$ 4,362.00
7	6" HDPE DR 11 DIPS (HDD)	850	LF	\$ 48.00	\$ 40,800.00	\$ 99.00	\$ 84,150.00	\$ 80.00	\$ 68,000.00
8	Force Main Connection and Lift Station Shutdown	1	LS	\$ 27,700.00	\$ 27,700.00	\$ 12,000.00	\$ 12,000.00	\$ 23,808.00	\$ 23,808.00
9	Air Release Valves	3	EA	\$ 2,400.00	\$ 7,200.00	\$ 4,600.00	\$ 13,800.00	\$ 2,597.00	\$ 7,791.00
10	Pipe Adapters	2	EA	\$ 340.00	\$ 680.00	\$ 400.00	\$ 800.00	\$ 405.50	\$ 811.00
11	Grout Fill Abandoned 4" Force Main	3	CY	\$ 1,650.00	\$ 4,950.00	\$ 700.00	\$ 2,100.00	\$ 824.00	\$ 2,472.00
12	Driveway/Sidewalk Restoration	30	SY	\$ 55.60	\$ 1,668.00	\$ 110.00	\$ 3,300.00	\$ 85.00	\$ 2,550.00
13	Pavement Repair and Road Restoration (Base and Resurface)	50	SY	\$ 57.00	\$ 2,850.00	\$ 110.00	\$ 5,500.00	\$ 85.00	\$ 4,250.00
14	Sodding	60	SY	\$ 6.00	\$ 360.00	\$ 11.00	\$ 660.00	\$ 9.00	\$ 540.00
		SUBTOTAL (ITEMS 5-14)			\$ 127,108.00		\$ 163,210.00		\$ 133,184.00
	TOTAL BASE BID "B" ITEMS (1-14) Based on Completion of 240 Calendar Days				\$ 272,208.00		\$ 206,210.00		\$ 167,434.00
15	CONTRACT CONTINGENCY (USED ONLY WITH COUNTY APPROVAL)	10% of TOTAL BASE BID			\$ 27,220.80		\$ 20,621.00		\$ 16,743.40
	TOTAL OFFER FOR BID "B" with Contract Contingency Based on Completion Time of 240 Calendar Days				\$ 299,428.80		\$ 226,831.00		\$ 184,177.40

**BID TABULATION
FOR
IFB #16-2231-DS
Force Main Replacement Project at Windmill Village
BID "A"
BASED ON A COMPLETION TIME OF 180 CALENDAR DAYS**

PREPARED BY:
(Project Engineer)



Jordan Walker, P.E.

7/26/16
Date

REVIEWED BY:
(Project Manager)



Eric Shroyer, P.E., Project Manager

7/26/16
Date

APPROVED BY:
(Purchasing)



Donna Stevens, Contract Specialist

8/11/16
Date