

**PALM BEACH COUNTY  
BOARD OF COUNTY COMMISSIONERS  
AGENDA ITEM SUMMARY**

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Meeting Date: September 12, 2017	<input checked="" type="checkbox"/> Consent	<input type="checkbox"/> Regular
	<input type="checkbox"/> Ordinance	<input type="checkbox"/> Public Hearing

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Department:	Engineering & Public Works
Submitted By:	Engineering & Public Works
Submitted For:	Roadway Production Division

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**EXECUTIVE BRIEF**

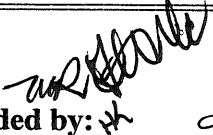
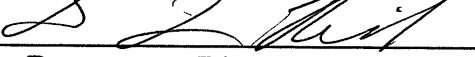


**Motion and Title:** Staff recommends motion to approve: a contract with D.S. Eakins Construction Corporation (Eakins) in the amount of \$1,207,343.65 for the construction of Kirk Road over Lake Worth Drainage District L-7 Canal from south of Lake Worth Drainage District L-7 Canal to Pot O'Gold Street (Project).

**SUMMARY:** Approval of this contract will allow Palm Beach County to issue a notice to proceed to Eakins, a Palm Beach County based company, to begin construction of the project. The work consists of the demolition and removal of an existing concrete bridge on Kirk Road at the Lake Worth Drainage District L-7 Canal. The bridge will be replaced with a reinforced concrete pipe culvert crossing. Paving improvements on Kirk Road extend south to just north of Forest Hill Boulevard, and minor drainage and pathway improvements are also included. The Small Business Enterprise (SBE) goal for all contracts is 15%. The lowest responsive, responsible bidder, Eakins, committed to 44.9% SBE participation. District 2 (LBH)

**Background and Justification:** Bids for the Project were received by the Engineering Department on May 9, 2017. Time to complete all work under this contract shall be 180 calendar days.

**Attachments:**

1. Location Map
  2. Contracts (3)
  3. Contract Pages C-1B and C-2
  4. SBE Compliance Review
  5. Bid Tabulation
  6. Palm Beach County Water Utilities Agreement with Exhibits A & B
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Recommended by: 		8/10/17
	Department Director	Date
Approved by: 		8/31/17
	Assistant County Administrator	Date

II. FISCAL IMPACT ANALYSIS

A. Five Year Summary of Fiscal Impact:

Fiscal Years	2017	2018	2019	2020	2021
Capital Expenditures	\$1,317,930	-0-	-0-	-0-	-0-
Operating Costs	-0-	-0-	-0-	-0-	-0-
External Revenues	-0-	-0-	-0-	-0-	-0-
Program Income (County)	-0-	-0-	-0-	-0-	-0-
In-Kind Match (County)	-0-	-0-	-0-	-0-	-0-
NET FISCAL IMPACT	\$1,317,930	-0-	-0-	-0-	-0-
# ADDITIONAL FTE POSITIONS (Cumulative)					

Is Item Included in Current Budget? Yes X No

Budget Account No:

Fund 3502 Dept 361 Unit 1553 Object 6551/6555 \$1,317,929.40  
Fund 4011 Dept 721 Unit W007 Object 6543 \$ 28,783.60

Recommended Sources of Funds/Summary of Fiscal Impact:

Road Impact Fee Fund - Zone 2  
Kirk Rd, S of LWDD L-7 Canal to Pot O'Gold St  
Capital Improvements  
Utility Line Relocations-County Road Projects

Construction Contract	\$ 1,207,343.65
Contingency	\$ 36,220.88
Testing Lab	\$ 7,100.00
Traffic Striping & Signage	\$ 7,748.47
Staff Costs -	
Roadway Production	\$ 24,100.00
Survey Section	\$ 12,000.00
Construction Coordination	\$ 48,200.00
Traffic	\$ 4,000.00
Total Project Costs	\$ 1,346,713.00
Reimbursable Utility Work	
Palm Beach County Water Utilities Dept.	(\$ 28,783.60)
Fiscal Impact	\$ 1,317,929.40

C. Departmental Fiscal Review:

III. REVIEW COMMENTS

A. OFMB Fiscal and/or Contract Dev. and Control Comments:

  
OFMB Dir 8/15  
8/15

  
Contract Dev. and Control  
8/29/17

B. Approved as to Form and Legal Sufficiency:

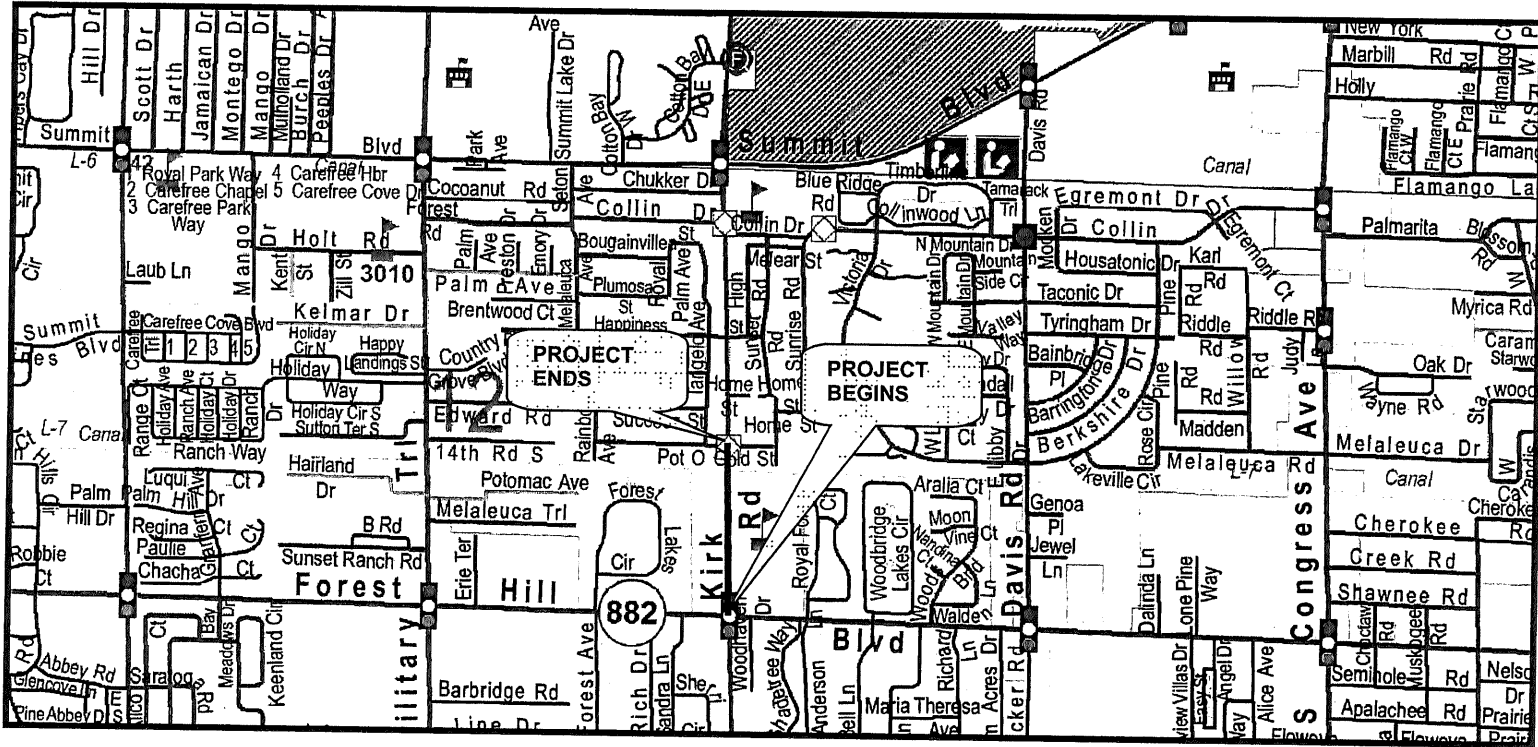
  
Assistant County Attorney  
8/31/17

C. Other Department Review:

\_\_\_\_\_  
Department Director

This summary is not to be used as a basis for payment.

PROJECT LOCATION  
KIRK ROAD OVER LWDD L-7 CANAL  
SOUTH OF LWDD L-7 CANAL TO POT O'GOLD STREET  
PALM BEACH COUNTY PROJECT NO. 2014515



LOCATION MAP

**CONTRACT**

STATE OF FLORIDA            )  
  
                                          ) SS  
  
COUNTY OF PALM BEACH )

This Contract, made this \_\_\_\_ day of \_\_\_\_\_, A.D. 20\_\_\_\_, by and between PALM BEACH COUNTY, a Political Subdivision of the State of Florida, (hereinafter “County”), and D.S. Eakins Construction Corporation of Lake Park, Florida, and their heirs, executors, administrators and assigns, (hereinafter “Contractor”):

WITNESSETH: The Contractor agrees with the County, for the consideration herein mentioned at their own proper cost and expense to do all the work and furnish all necessary labor, materials, equipment, machinery, tools, apparatus, services, state workmen’s compensation and unemployment compensation taxes incurred in the performance of the contract, and means of transportation for the complete construction of:

**PROJECT NAME: KIRK ROAD OVER LWDD L-7 CANAL, SOUTH OF LWDD L-7 CANAL TO POT O’GOLD ST.**

**PROJECT NO.: 2014515**

IN THE AMOUNT OF:  
**ONE MILLION, TWO HUNDRED SEVEN THOUSAND, THREE HUNDRED FORTY THREE DOLLARS & 65/100** *DSE*  
\_\_\_\_\_  
(IN WORDS)

**\$1,207,343.65** *DSE*  
(IN FIGURES)

in Palm Beach County, Florida, in the manner and to the full extent as set forth in the Contract Documents therefore and the Contract Documents relative thereto, are made a part of this Agreement as completely as if set forth herein, to the satisfaction of the County, or its duly authorized representative.

The Contractor further agrees for the consideration herein mentioned to commence the work with adequate forces and equipment within fourteen (14) calendar days of the date set forth in the "Notice to Proceed". The time limit for the completion of all work under this contract shall be one hundred eighty (180) calendar days, including all work to be completed prior to the summer 2018 road closure, (see Special Provisions, Maintenance of Traffic). The date fixing this period upon the calendar shall be established and stated in the "Notice to Proceed". After commencement of the work, it shall be properly dispatched toward completion, to the satisfaction of the Engineer, and shall be fully completed within the time limit. It is understood and agreed that the time limit for completion of said work is the essence of the contract and should the Contractor fail to complete the work within the time limit, it is agreed that for such calendar day that any work provided for in these Contract Documents shall remain incomplete after the time limit has expired, including any official extension of the time limit; the sum per day given in the contained schedules shall be deducted from monies due the Contractor, not as a penalty, but as liquidated damages (in accordance with Section 8-10.2 of the Standard Specifications) and added expense for supervision.

The Contractor shall take into account all contingent work which has to be done by other parties arising from any cause whatsoever, and shall not plead his want of knowledge of such contingent work as an excuse for delay in his work, or for its non-performance.

IN WITNESS WHEREOF, the parties have caused this Contract to be executed and sealed the day and year first written above.

ATTEST:

SHARON R. BOCK,  
Clerk & Comptroller

PALM BEACH COUNTY, FLORIDA, a  
Political Subdivision of the  
State of Florida

BOARD OF COUNTY COMMISSIONERS

By: \_\_\_\_\_  
Deputy Clerk

By: \_\_\_\_\_  
Paulette Burdick, Mayor

APPROVED AS TO FORM  
AND LEGAL SUFFICIENCY

\_\_\_\_\_  
(witness signature)

Cindi M. Frick  
(witness name printed)

\_\_\_\_\_  
(witness signature)

RONALD A ROSSI  
(witness name printed)

\* \_\_\_\_\_  
APPROVED AS TO TERMS  
AND CONDITIONS

D.S. Eakins Constr. Corp.  
(Corporate Name)

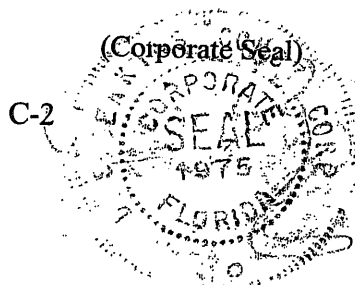
a Florida corporation  
(insert state of incorporation)

By \_\_\_\_\_  
(signature)

D. Steven Eakins Jr.  
(print signatory's name)

Its Vice President  
(print title)

June 20, 2017  
(date)





Office of  
Small Business Assistance  
50 South Military Trail, Suite 202  
West Palm Beach, FL 33415  
(561) 616-6840  
Fax: (561) 616-6850  
www.pbcgov.com/osba



Palm Beach County  
Board of County  
Commissioners  
  
Paulette Burdick, Mayor  
Melissa McKinlay, Vice Mayor  
  
Hal R. Valeche  
Dave Kerner  
Steven L. Abrams  
Mary Lou Berger  
Mack Bernard

County Administrator  
Verdenia C. Baker

"An Equal Opportunity  
Affirmative Action Employer"

DATE: May 25, 2017  
TO: Holly B. Knight, P.E., Contracts Section Manager  
THROUGH: Allen Gray, Manager  
Office of Small Business Assistance *Allen Gray*  
FROM: Angela D. Smith, Small Business Development Specialist  
Office of Small Business Assistance *Angela D. Smith*  
SUBJECT: Compliance Review on Project No. 2014515  
Kirk Road Over LWDD L-7 Canal South of LWDD L-7  
Canal to Pot O'Gold Street

The following is a Compliance Review of SBE participation on the above-mentioned project. The Bid Opening date was May 9, 2017. SBE participation is calculated on the Amount Less Contingency.

Bidder #1:	D.S. Eakins Construction Corporation 1481 Kinetic Road Lake Park, FL 33403
Phone:	561-842-0001
Bid Amount:	\$1,207,343.62 <del>\$1,207,343.62</del> <i>48% off</i>
Amount Less Contingency:	\$1,197,943.65
Goal:	15% Overall
Goal Achieved:	44.9%

**SBE Participation:**

(SB)D.S. Eakins Construction Corp.<sup>1</sup> \$538,986.07 44.9%

<sup>1</sup> According to the Schedule 2 submitted by D.S. Eakins Construction Corp. It was indicated that they intend to utilize Axtell Construction LLC, a certified SBE, as a subcontractor. The SBE Bid Document Language specifically states, under Item 6e, The Prime may count toward its SBE Goal second and third tiered SBE subcontractors, provided that the Prime submits a completed Schedule 2 form for each SBE subcontractor. The Schedule 2 provided for D.S. Eakins Construction indicates that Axtell is a second tier subcontractor, with their price quote being \$80,182.00. However, there is no separate Schedule 2 for Axtell. This amount will be deducted from the \$619,168.07.



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<b>Bidder #2:</b>	Ranger Construction Industries, Inc. 101 Sansbury's Way West Palm Beach, FL 33411
Phone:	561-793-9400
Bid Amount:	\$1,298,520.65
<b>Amount Less Contingency:</b>	<b>\$1,288,026.15</b>
Goal:	15%
<b>Goal Achieved:</b>	<b>39.6%</b>

**SBE Participation:**

(SB)D.S. Eakins Construction Corp. <sup>2</sup>	<b>\$510,074.07</b>	<b>39.6%</b>
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<b>Bidder #3:</b>	Foster Marine Contractors, Inc. 3180 Fairlane Farms Road Wellington, FL 33414
Phone:	561-683-0034
Bid Amount:	\$1,374,110.90
<b>Amount Less Contingency:</b>	<b>\$1,360,710.90</b>
Goal:	15%
<b>Goal Achieved:</b>	<b>15.9%</b>

**SBE Participation:**

(WB)Pathway Enterprises, Inc.	<b>\$30,310.00</b>	<b>2.2%</b>
(SB)Engenuity Group	<b>\$19,769.00</b>	<b>1.4%</b>
(SB)Rapid Milling and Paving LLC	<b>\$156,607.50</b>	<b>11.5%</b>
(SB)Fine-Line Striping	<b><u>\$11,000.00</u></b>	<b><u>.8%</u></b>
	<b>\$217,686.50</b>	<b>15.9%</b>

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<sup>2</sup> According to the Schedule 2 submitted by Ranger Construction Industries, Inc., it was indicated that D.S. Eakins Construction Corporation intends to utilize Axtell Construction LLC, a certified SBE, as a subcontractor. The SBE Bid Document Language specifically states, under Item 6e, The Prime may count toward its SBE Goal second and third tiered SBE subcontractors, provided that the Prime submits a completed Schedule 2 form for each SBE subcontractor. The Schedule 2 provided for D.S Eakins Construction indicates that Axtell is a second tier subcontractor, with their price quote being \$80,182.00. However, there is no separate Schedule 2 for Axtell. This amount will be deducted from the \$590,256.07.



**EVALUATION:**

Bidder 1, **D.S. Eakins Construction Corporation**, is the low bidder responsive to the SBE requirements.



Kirk Road over L.W.D.D. L-7 Canal South of LWDD L-7 Canal to Pot O'Gold St.				AVERAGE OF BID ITEMS	ENGINEERS ESTIMATE	D.S. Eakins Construction Corporation		Ranger Construction Industries		Foster Marine Contractors, Inc.	
PBC Project #2014515											
ITEM #	DESCRIPTION	QTY	UNIT	UNIT PRICE	UNIT PRICE	UNIT PRICE	TOTAL	UNIT PRICE	TOTAL	UNIT PRICE	TOTAL
ROADWAY ITEMS											
1	Mobilization	1	LS	\$ 136,617.67	\$ 150,000.00	\$ 123,853.00	\$ 123,853.00	\$ 166,000.00	\$ 166,000.00	\$ 120,000.00	\$ 120,000.00
2	Maintenance of Traffic ( incl. Pedestrian M.O.T. )	1	LS	\$ 85,861.33	\$ 34,773.03	\$ 56,034.00	\$ 56,034.00	\$ 71,550.00	\$ 71,550.00	\$ 130,000.00	\$ 130,000.00
3	Clearing and Grubbing	1	LS	\$ 37,426.00	\$ 19,470.00	\$ 47,278.00	\$ 47,278.00	\$ 15,000.00	\$ 15,000.00	\$ 50,000.00	\$ 50,000.00
4	Demolish & Remove Existing Bridge	1	LS	\$ 33,833.33	\$ 45,000.00	\$ 24,200.00	\$ 24,200.00	\$ 31,300.00	\$ 31,300.00	\$ 46,000.00	\$ 46,000.00
5	Regular Excavation	2,738	CY	\$ 10.22	\$ 4.86	\$ 9.00	\$ 24,642.00	\$ 11.65	\$ 31,897.70	\$ 10.00	\$ 27,380.00
6	Embankment (Compacted in Place)	1,170	CY	\$ 19.50	\$ 7.96	\$ 12.50	\$ 14,625.00	\$ 25.00	\$ 29,250.00	\$ 21.00	\$ 24,570.00
7	Type B Stabilization (LBR 40) (12")	2,464	SY	\$ 9.23	\$ 3.32	\$ 7.20	\$ 17,740.80	\$ 7.50	\$ 18,480.00	\$ 13.00	\$ 32,032.00
8	Optional Base Group 1 Pathway	138	SY	\$ 20.48	\$ 27.00	\$ 9.50	\$ 1,311.00	\$ 19.95	\$ 2,753.10	\$ 32.00	\$ 4,416.00
9	Optional Base Group 7	2,611	SY	\$ 13.45	\$ 38.77	\$ 11.90	\$ 31,070.90	\$ 10.95	\$ 28,590.45	\$ 17.50	\$ 45,692.50
10	Optional Base Group 13	30	SY	\$ 75.17	\$ 52.97	\$ 15.50	\$ 465.00	\$ 100.00	\$ 3,000.00	\$ 110.00	\$ 3,300.00
11	Mill Existing Asphalt Pavement (1.0")	5,669	SY	\$ 3.69	\$ 2.24	\$ 4.03	\$ 22,846.07	\$ 3.45	\$ 19,558.05	\$ 3.60	\$ 20,408.40
12	Superpave Asphalt Concrete (Traffic Level C) (0.5")	150	TN	\$ 153.80	\$ 150.00	\$ 156.40	\$ 23,460.00	\$ 130.00	\$ 19,500.00	\$ 175.00	\$ 26,250.00
13	Superpave Asphalt Concrete (Traffic Level C) (1.5")	224	TN	\$ 131.91	\$ 91.00	\$ 131.73	\$ 29,507.52	\$ 99.00	\$ 22,176.00	\$ 165.00	\$ 36,960.00
14	Superpave Asphalt Concrete (Traffic Level C) ( 1.25" ) Pathway	9	TN	\$ 345.78	\$ 150.00	\$ 367.34	\$ 3,306.06	\$ 470.00	\$ 4,230.00	\$ 200.00	\$ 1,800.00
15	Asph. Concrete Friction Course ( 1.0" ) ( FC-9.5 )	468	TN	\$ 167.85	\$ 95.31	\$ 157.55	\$ 73,733.40	\$ 136.00	\$ 63,648.00	\$ 210.00	\$ 98,280.00
16	Class IV Concrete (Endwall)	119	CY	\$ 1,580.00	\$ 749.77	\$ 1,650.00	\$ 196,350.00	\$ 1,840.00	\$ 218,960.00	\$ 1,250.00	\$ 148,750.00
17	Reinforcing Steel	17,514	LB	\$ 1.73	\$ 1.10	\$ 1.73	\$ 30,299.22	\$ 1.95	\$ 34,152.30	\$ 1.50	\$ 26,271.00
18	Type C Inlet <10'	1	EA	\$ 3,111.67	\$ 3,000.00	\$ 2,805.00	\$ 2,805.00	\$ 3,130.00	\$ 3,130.00	\$ 3,400.00	\$ 3,400.00
19	Inlets ( Curb ) ( Type P-2 ) <10'	3	EA	\$ 9,040.00	\$ 4,961.73	\$ 8,560.00	\$ 25,680.00	\$ 9,560.00	\$ 28,680.00	\$ 9,000.00	\$ 27,000.00
20	Inlets ( Curb ) 5' X 5' ( Type J-2 ) >10' with Weir Plate	1	EA	\$ 19,477.33	\$ 8,381.55	\$ 18,132.00	\$ 18,132.00	\$ 20,300.00	\$ 20,300.00	\$ 20,000.00	\$ 20,000.00
21	Inlets ( Curb ) 5'Ø ( Type J-2 ) <10'	1	EA	\$ 10,951.00	\$ 5,000.00	\$ 10,853.00	\$ 10,853.00	\$ 12,100.00	\$ 12,100.00	\$ 9,900.00	\$ 9,900.00
22	Inlets ( Curb ) 5' X 5' ( Type J-2 ) <10'	2	EA	\$ 10,517.67	\$ 6,451.69	\$ 10,853.00	\$ 21,706.00	\$ 12,100.00	\$ 24,200.00	\$ 8,600.00	\$ 17,200.00
23	Manhole ( Type P-8 ) >10' with Weir Plate	1	EA	\$ 8,040.33	\$ 6,011.45	\$ 5,961.00	\$ 5,961.00	\$ 6,660.00	\$ 6,660.00	\$ 11,500.00	\$ 11,500.00
24	Manhole ( Type J 5' X 5' )	2	EA	\$ 8,619.00	\$ 9,692.84	\$ 7,397.00	\$ 14,794.00	\$ 8,260.00	\$ 16,520.00	\$ 10,200.00	\$ 20,400.00
25	Manhole ( Type J 10' X 6' )	1	EA	\$ 16,237.00	\$ 15,215.77	\$ 14,511.00	\$ 14,511.00	\$ 16,200.00	\$ 16,200.00	\$ 18,000.00	\$ 18,000.00
26	Pipe Culvert (Storm) ( 18" )	46	LF	\$ 57.75	\$ 50.00	\$ 58.25	\$ 2,679.50	\$ 65.00	\$ 2,990.00	\$ 50.00	\$ 2,300.00
27	Pipe Culvert (Storm) ( 24" )	242	LF	\$ 93.08	\$ 69.81	\$ 82.25	\$ 19,904.50	\$ 92.00	\$ 22,264.00	\$ 105.00	\$ 25,410.00
28	Pipe Culvert (Storm) ( 36" )	25	LF	\$ 197.75	\$ 114.22	\$ 178.25	\$ 4,456.25	\$ 200.00	\$ 5,000.00	\$ 215.00	\$ 5,375.00
29	Pipe Culvert (Storm) ( 42" )	210	LF	\$ 199.08	\$ 148.58	\$ 222.25	\$ 46,672.50	\$ 250.00	\$ 52,500.00	\$ 125.00	\$ 26,250.00
30	Concrete Pipe Culvert ( 84" )	103	LF	\$ 739.33	\$ 425.00	\$ 648.00	\$ 66,744.00	\$ 720.00	\$ 74,160.00	\$ 850.00	\$ 87,550.00
31	French Drains (24" Dia) ( incl. Ballast Rock & Filter Fabric)	318	LF	\$ 153.75	\$ 130.61	\$ 149.25	\$ 47,461.50	\$ 167.00	\$ 53,106.00	\$ 145.00	\$ 46,110.00
32	Type "D" Curb (FDOT Index 300)	114	LF	\$ 24.87	\$ 15.20	\$ 25.00	\$ 2,850.00	\$ 24.60	\$ 2,804.40	\$ 25.00	\$ 2,850.00
33	Conc Sidewalk ( 4" Thick )	476	SY	\$ 47.44	\$ 36.25	\$ 43.33	\$ 20,625.08	\$ 42.00	\$ 19,992.00	\$ 57.00	\$ 27,132.00
34	Conc Sidewalk ( 6"Thick ) (Driveways)	183	SY	\$ 51.45	\$ 46.11	\$ 48.35	\$ 8,848.05	\$ 46.00	\$ 8,418.00	\$ 60.00	\$ 10,980.00
35	Concrete Sidewalk, 6" Thick with Reinforcing Steel	94	SY	\$ 69.13	\$ 79.50	\$ 52.38	\$ 4,923.72	\$ 85.00	\$ 7,990.00	\$ 70.00	\$ 6,580.00
36	Pipe Guiderail ( Steel) (FDOT Index 852)	100	LF	\$ 144.23	\$ 63.30	\$ 142.70	\$ 14,270.00	\$ 140.00	\$ 14,000.00	\$ 150.00	\$ 15,000.00
37	Rip-Rap ( Rubble )	143	TN	\$ 130.00	\$ 78.87	\$ 90.00	\$ 12,870.00	\$ 100.00	\$ 14,300.00	\$ 200.00	\$ 28,600.00
38	Bedding Stone (Sect. 530)	77	TN	\$ 106.33	\$ 64.50	\$ 69.00	\$ 5,313.00	\$ 190.00	\$ 14,630.00	\$ 60.00	\$ 4,620.00
39	Sodding	1,294	SY	\$ 5.44	\$ 3.15	\$ 5.67	\$ 7,336.98	\$ 4.65	\$ 6,017.10	\$ 6.00	\$ 7,764.00
SUBTOTAL (ROADWAY)							\$ 1,100,119.05		\$ 1,206,007.10		\$ 1,266,030.90

Kirk Road over L.W.D.D. L-7 Canal South of LWDD L-7 Canal to Pot O'Gold St.				AVERAGE OF BID ITEMS	ENGINEERS ESTIMATE	D.S. Eakins Construction Corporation		Ranger Construction Industries		Foster Marine Contractors, Inc.	
PBC Project #2014515											
ITEM #	DESCRIPTION	QTY	UNIT	UNIT PRICE	UNIT PRICE	UNIT PRICE	TOTAL	UNIT PRICE	TOTAL	UNIT PRICE	TOTAL
<b>SIGNALIZATION ITEMS</b>											
40	Overhead School Flasher Sign Structure, Complete	1	LS	\$ 58,913.67	\$ 70,000.00	\$ 69,041.00	\$ 69,041.00	\$ 52,700.00	\$ 52,700.00	\$ 55,000.00	\$ 55,000.00
SUBTOTAL (SIGNALIZATION)							\$ 69,041.00		\$ 52,700.00		\$ 55,000.00
<b>WATER UTILITY ITEMS</b>											
<b>Water Utility Pay Items</b>											
41	Adjust Valve Box	3	EA	\$ 404.67	\$ 100.00	\$ 454.00	\$ 1,362.00	\$ 510.00	\$ 1,530.00	\$ 250.00	\$ 750.00
42	8" DIP Water Main Removal	123	LF	\$ 17.45	\$ 17.00	\$ 20.00	\$ 2,460.00	\$ 22.35	\$ 2,749.05	\$ 10.00	\$ 1,230.00
43	8" DIP Water Main	120	LF	\$ 88.67	\$ 32.00	\$ 57.00	\$ 6,840.00	\$ 64.00	\$ 7,680.00	\$ 145.00	\$ 17,400.00
44	8" Gate Valve & Valve Box	2	EA	\$ 1,847.67	\$ 1,350.00	\$ 1,793.00	\$ 3,586.00	\$ 2,000.00	\$ 4,000.00	\$ 1,750.00	\$ 3,500.00
45	Furnish & Install DIP Fittings w/Joint Restraint	0.4	TN	\$ 13,824.67	\$ 3,500.00	\$ 14,874.00	\$ 5,949.60	\$ 16,600.00	\$ 6,640.00	\$ 10,000.00	\$ 4,000.00
46	Connect to Existing Water Main	2	EA	\$ 2,070.00	\$ 2,800.00	\$ 1,750.00	\$ 3,500.00	\$ 1,960.00	\$ 3,920.00	\$ 2,500.00	\$ 5,000.00
47	Furnish, Install, and Remove Sample Points, Complete	1	LS	\$ 1,706.67	\$ 2,000.00	\$ 1,000.00	\$ 1,000.00	\$ 1,120.00	\$ 1,120.00	\$ 3,000.00	\$ 3,000.00
48	As Built Record Drawings	1	LS	\$ 3,522.00	\$ 4,000.00	\$ 4,086.00	\$ 4,086.00	\$ 1,680.00	\$ 1,680.00	\$ 4,800.00	\$ 4,800.00
SUBTOTAL (WATER UTILITY)							\$ 28,783.60		\$ 29,319.05		\$ 39,680.00
<b>CONTINGENCY ITEMS</b>											
49	Support, Protect and/or Adjust ( 4" ) AT&T Conduit w/ Fiber Optic Cable	270	LF	\$ 20.78	\$ 16.00	\$ 20.00	\$ 5,400.00	\$ 22.35	\$ 6,034.50	\$ 20.00	\$ 5,400.00
50	Premium for Conflict Condition (See SP's)	2	EA	\$ 2,743.33	\$ 1,000.00	\$ 2,000.00	\$ 4,000.00	\$ 2,230.00	\$ 4,460.00	\$ 4,000.00	\$ 8,000.00
SUBTOTAL (CONTINGENCY)							\$ 9,400.00		\$ 10,494.50		\$ 13,400.00
TOTAL BID AMOUNT						\$ 1,207,343.65		\$ 1,298,520.65		\$ 1,374,110.90	

D.S. Eakins - math error. Contingency items were not included in Total Bid Amount

Kirk Road over L.W.D.D. L-7 Canal  
South of LWDD L-7 Canal to Pot O'Gold St.  
PBC Project #2014515  
THE ITEMS AND QUANTITIES SHOWN, SHALL GOVERN OVER THE PLANS.  
PAY ITEM FOOTNOTES IN CONSTRUCTION PLANS SHALL ALSO BE INCLUDED IN ITEM UNIT PRICE.

PAY ITEM FOOTNOTES:	
All costs for Maintenance of Traffic (MOT) and mobilization shall be considered incidental to, and shall be included in, unit prices for the pay items.	
All items shall include cost to furnish and install unless otherwise noted.	
Permitting agency pre-construction meetings and notices of commencement; compliance with stormwater pollution prevention plan and stormwater pollution control plan; installation of erosion/turbidity controls including silt fences, inlet protection, inspections and reporting; preparation and submittal of construction completion certifications and required record drawings by a professional engineer and/or land surveyor; utility notifications are considered incidental to mobilization.	
12" compacted subgrade is considered incidental to the cost of base-rock construction.	
Prime and tack coats are considered incidental to asphalt construction.	
Wrapping of filter fabric around all pipe joints per FDOT index no. 280; and cost of coring existing structures for pipe connection is considered incidental to the cost of the pipe.	
The cost of detectable warning surfaces per FDOT index 304 and base compaction is considered incidental to sidewalk/pathway construction.	
The costs of transition curbs, flared end sections, straight end sections, curb face engraving and subgrade is considered incidental to curb and/or gutter construction.	
Contingency items may be increased, decreased or deleted as directed by the engineer.	
Items 8 and 10 include quantities for temporary connection of northwest proposed sidewalk to existing sidewalk	

Working days to complete project: 180 calendar days (See Special Provisions)  
Bids as read at opening on Tuesday, May 9, 2017; 2:00 PM  
All bids subject to OSBA SBE compliance and Board Approval.  
Prepared by: Donna Lewis  
Checked by: Holly B. Knight, P.E., Contracts Section Manager



**Department of Engineering  
and Public Works**

P.O. Box 21229  
West Palm Beach, FL 33416-1229  
(561) 684-4000  
FAX: (561) 684-4050  
www.pbcgov.com



**Palm Beach County  
Board of County  
Commissioners**

Paulette Burdick, Mayor  
Melissa McKinlay, Vice Mayor  
  
Hal R. Valeche  
Dave Kerner  
Steven L. Abrams  
Mary Lou Berger  
Mack Bernard

**County Administrator**

Verdenia C. Baker

June 16, 2017

Ms. Jackie Michels, P.E.  
Palm Beach County Water Utilities Department  
8100 Forest Hill Boulevard  
West Palm Beach, FL 33413-3336

**RE: Agreement with Palm Beach County Water Utilities Department  
For Funding of Utility Construction  
Kirk Rd. from S. of LWDD L-7 Canal to Pot O' Gold St.  
Palm Beach County Project No. 2014515**

Dear Ms. Michels:

The following letter of agreement is to confirm and document the understandings of our previous discussions regarding the above referenced project.

Water Utilities Department has agreed to jointly participate with Palm Beach County Engineering in the construction of Kirk Rd. from S. of LWDD L-7 Canal to Pot O' Gold St.. D.S. Eakins Construction Corporation, was the lowest responsive, responsible bidder. The contract for \$1,207,343.65 is anticipated to be awarded by the Board of County Commissioners on August 15, 2017.

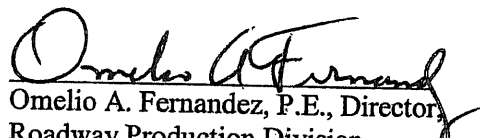
Specifically, the Water Utilities budget account noted on page 2 will reflect a total encumbrance of \$28,783.60 which is the summation of the utility construction costs as noted on Exhibits A & B. During construction, Water Utilities account will be charged directly by Engineering based on approved pay applications affecting their account. When the project is completed and "As Built" quantities are established, a final settlement will be made by direct charge or credit by Engineering following specific approval by Water Utilities. *Please note that when the Water Utilities Department decides to complete any of the subject work with its own forces, this same work must be completed in a timely fashion that will not result in any delays to the contractor for the subject project.*

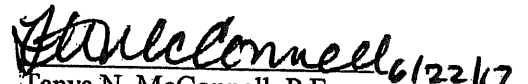


PAGE 2 PROJECTS NO. 2014515 WUD Agreement

If the foregoing is acceptable, please indicate acceptance by signing below and returning the original to our office for processing.

Sincerely,

  
Omelio A. Fernandez, P.E., Director  
Roadway Production Division

 6/22/17  
Tanya N. McConnell, P.E.,  
Deputy County Engineer

Accepted and approved by Palm Beach County Water Utilities this  
28<sup>th</sup> day of June, 2017.

Water Utilities account # 4011-721-W007-6543

By:   
(SIGNATURE)

Plan Review Mgr  
(TITLE)

As Authorized Representative for  
Palm Beach County Water Utilities

JACKIE Michels, PE  
(PRINTED NAME)

WUD # 16-073

BY SR  
OAF:DLY:SR:

Enclosure: Exhibits "A" and "B"

pc: Tanya N. McConnell, P.E., Deputy County Engineer  
Liz Herman, Assistant County Attorney  
Alice Kovalainen, Fiscal Manager -Administrative Services Division  
Mark Tomlinson, Director, Construction Coordination Division

ec: Omelio A. Fernandez, P.E., Director- Roadway Production Division  
Morton Rose, P.E., Assistant Director – Roadway Production Division  
David L. Young, P.E., Special Project Manager – Roadway Production Division  
Kristine Frazell-Smith, P.E., Local Roads Section Manager-Roadway Production Division  
Chris Dudek, P.E., Project Manager - Roadway Production Division

File: Project # 2014515

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# EXHIBIT "A"

Kirk Road over L.W.D.D. L-7 Canal  
South of LWDD L-7 Canal to Pot O'Gold St.

PBC Project #2014515

				AVERAGE OF BID ITEMS	ENGINEERS ESTIMATE	D.S. Eakins Construction Corporation		Ranger Construction Industries		Foster Marine Contractors, Inc.	
ITEM #	DESCRIPTION	QTY	UNIT	UNIT PRICE	UNIT PRICE	UNIT PRICE	TOTAL	UNIT PRICE	TOTAL	UNIT PRICE	TOTAL
<b>ROADWAY ITEMS</b>											
1	Mobilization	1	LS	\$ 136,617.67	\$ 150,000.00	\$ 123,853.00	\$ 123,853.00	\$ 166,000.00	\$ 166,000.00	\$ 120,000.00	\$ 120,000.00
2	Maintenance of Traffic ( incl. Pedestrian M.O.T. )	1	LS	\$ 85,861.33	\$ 34,773.03	\$ 56,034.00	\$ 56,034.00	\$ 71,550.00	\$ 71,550.00	\$ 130,000.00	\$ 130,000.00
3	Clearing and Grubbing	1	LS	\$ 37,426.00	\$ 19,470.00	\$ 47,278.00	\$ 47,278.00	\$ 15,000.00	\$ 15,000.00	\$ 50,000.00	\$ 50,000.00
4	Demolish & Remove Existing Bridge	1	LS	\$ 33,833.33	\$ 45,000.00	\$ 24,200.00	\$ 24,200.00	\$ 31,300.00	\$ 31,300.00	\$ 46,000.00	\$ 46,000.00
5	Regular Excavation	2,738	CY	\$ 10.22	\$ 4.86	\$ 9.00	\$ 24,642.00	\$ 11.65	\$ 31,897.70	\$ 10.00	\$ 27,380.00
6	Embankment (Compacted in Place)	1,170	CY	\$ 19.50	\$ 7.96	\$ 12.50	\$ 14,625.00	\$ 25.00	\$ 29,250.00	\$ 21.00	\$ 24,570.00
7	Type B Stabilization (LBR 40) (12")	2,464	SY	\$ 9.23	\$ 3.32	\$ 7.20	\$ 17,740.80	\$ 7.50	\$ 18,480.00	\$ 13.00	\$ 32,032.00
8	Optional Base Group 1 Pathway	138	SY	\$ 20.48	\$ 27.00	\$ 9.50	\$ 1,311.00	\$ 19.95	\$ 2,753.10	\$ 32.00	\$ 4,416.00
9	Optional Base Group 7	2,611	SY	\$ 13.45	\$ 38.77	\$ 11.90	\$ 31,070.90	\$ 10.95	\$ 28,590.45	\$ 17.50	\$ 45,692.50
10	Optional Base Group 13	30	SY	\$ 75.17	\$ 52.97	\$ 15.50	\$ 465.00	\$ 100.00	\$ 3,000.00	\$ 110.00	\$ 3,300.00
11	Mill Existing Asphalt Pavement (1.0")	5,669	SY	\$ 3.69	\$ 2.24	\$ 4.03	\$ 22,846.07	\$ 3.45	\$ 19,558.05	\$ 3.60	\$ 20,408.40
12	Superpave Asphalt Concrete (Traffic Level C) (0.5")	150	TN	\$ 153.80	\$ 150.00	\$ 156.40	\$ 23,460.00	\$ 130.00	\$ 19,500.00	\$ 175.00	\$ 26,250.00
13	Superpave Asphalt Concrete (Traffic Level C) (1.5")	224	TN	\$ 131.91	\$ 91.00	\$ 131.73	\$ 29,507.52	\$ 99.00	\$ 22,176.00	\$ 165.00	\$ 36,960.00
14	Superpave Asphalt Concrete (Traffic Level C) ( 1.25" ) Pathway	9	TN	\$ 345.78	\$ 150.00	\$ 367.34	\$ 3,306.06	\$ 470.00	\$ 4,230.00	\$ 200.00	\$ 1,800.00
15	Asph. Concrete Friction Course ( 1.0" ) ( FC-9.5 )	468	TN	\$ 167.85	\$ 95.31	\$ 157.55	\$ 73,733.40	\$ 136.00	\$ 63,648.00	\$ 210.00	\$ 98,280.00
16	Class IV Concrete (Endwall)	119	CY	\$ 1,580.00	\$ 749.77	\$ 1,650.00	\$ 196,350.00	\$ 1,840.00	\$ 218,960.00	\$ 1,250.00	\$ 148,750.00
17	Reinforcing Steel	17,514	LB	\$ 1.73	\$ 1.10	\$ 1.73	\$ 30,299.22	\$ 1.95	\$ 34,152.30	\$ 1.50	\$ 26,271.00
18	Type C Inlet <10'	1	EA	\$ 3,111.67	\$ 3,000.00	\$ 2,805.00	\$ 2,805.00	\$ 3,130.00	\$ 3,130.00	\$ 3,400.00	\$ 3,400.00
19	Inlets ( Curb ) ( Type P-2 ) <10'	3	EA	\$ 9,040.00	\$ 4,961.73	\$ 8,560.00	\$ 25,680.00	\$ 9,560.00	\$ 28,680.00	\$ 9,000.00	\$ 27,000.00
20	Inlets ( Curb ) 5' X 5' ( Type J-2 ) >10' with Weir Plate	1	EA	\$ 19,477.33	\$ 8,381.55	\$ 18,132.00	\$ 18,132.00	\$ 20,300.00	\$ 20,300.00	\$ 20,000.00	\$ 20,000.00
21	Inlets ( Curb ) 5'Ø ( Type J-2 ) <10'	1	EA	\$ 10,951.00	\$ 5,000.00	\$ 10,853.00	\$ 10,853.00	\$ 12,100.00	\$ 12,100.00	\$ 9,900.00	\$ 9,900.00
22	Inlets ( Curb ) 5' X 5' ( Type J-2 ) <10'	2	EA	\$ 10,517.67	\$ 6,451.69	\$ 10,853.00	\$ 21,706.00	\$ 12,100.00	\$ 24,200.00	\$ 8,600.00	\$ 17,200.00
23	Manhole ( Type P-8 ) >10' with Weir Plate	1	EA	\$ 8,040.33	\$ 6,011.45	\$ 5,961.00	\$ 5,961.00	\$ 6,660.00	\$ 6,660.00	\$ 11,500.00	\$ 11,500.00
24	Manhole ( Type J 5' X 5' )	2	EA	\$ 8,619.00	\$ 9,692.84	\$ 7,397.00	\$ 14,794.00	\$ 8,260.00	\$ 16,520.00	\$ 10,200.00	\$ 20,400.00
25	Manhole ( Type J 10' X 6' )	1	EA	\$ 16,237.00	\$ 15,215.77	\$ 14,511.00	\$ 14,511.00	\$ 16,200.00	\$ 16,200.00	\$ 18,000.00	\$ 18,000.00
26	Pipe Culvert (Storm) ( 18" )	46	LF	\$ 57.75	\$ 50.00	\$ 58.25	\$ 2,679.50	\$ 65.00	\$ 2,990.00	\$ 50.00	\$ 2,300.00
27	Pipe Culvert (Storm) ( 24" )	242	LF	\$ 93.08	\$ 69.81	\$ 82.25	\$ 19,904.50	\$ 92.00	\$ 22,264.00	\$ 105.00	\$ 25,410.00
28	Pipe Culvert (Storm) ( 36" )	25	LF	\$ 197.75	\$ 114.22	\$ 178.25	\$ 4,456.25	\$ 200.00	\$ 5,000.00	\$ 215.00	\$ 5,375.00
29	Pipe Culvert (Storm) ( 42" )	210	LF	\$ 199.08	\$ 148.58	\$ 222.25	\$ 46,672.50	\$ 250.00	\$ 52,500.00	\$ 125.00	\$ 26,250.00
30	Concrete Pipe Culvert ( 84" )	103	LF	\$ 739.33	\$ 425.00	\$ 648.00	\$ 66,744.00	\$ 720.00	\$ 74,160.00	\$ 850.00	\$ 87,550.00
31	French Drains (24" Dia) ( incl. Ballast Rock & Filter Fabric)	318	LF	\$ 153.75	\$ 130.61	\$ 149.25	\$ 47,461.50	\$ 167.00	\$ 53,106.00	\$ 145.00	\$ 46,110.00
32	Type "D" Curb (FDOT Index 300)	114	LF	\$ 24.87	\$ 15.20	\$ 25.00	\$ 2,850.00	\$ 24.60	\$ 2,804.40	\$ 25.00	\$ 2,850.00
33	Conc Sidewalk ( 4" Thick )	476	SY	\$ 47.44	\$ 36.25	\$ 43.33	\$ 20,625.08	\$ 42.00	\$ 19,992.00	\$ 57.00	\$ 27,132.00
34	Conc Sidewalk ( 6"Thick ) (Driveways)	183	SY	\$ 51.45	\$ 46.11	\$ 48.35	\$ 8,848.05	\$ 46.00	\$ 8,418.00	\$ 60.00	\$ 10,980.00
35	Concrete Sidewalk, 6" Thick with Reinforcing Steel	94	SY	\$ 69.13	\$ 79.50	\$ 52.38	\$ 4,923.72	\$ 85.00	\$ 7,990.00	\$ 70.00	\$ 6,580.00
36	Pipe Guiderail ( Steel) (FDOT Index 852)	100	LF	\$ 144.23	\$ 63.30	\$ 142.70	\$ 14,270.00	\$ 140.00	\$ 14,000.00	\$ 150.00	\$ 15,000.00
37	Rip-Rap ( Rubble )	143	TN	\$ 130.00	\$ 78.87	\$ 90.00	\$ 12,870.00	\$ 100.00	\$ 14,300.00	\$ 200.00	\$ 28,600.00
38	Bedding Stone (Sect. 530)	77	TN	\$ 106.33	\$ 64.50	\$ 69.00	\$ 5,313.00	\$ 190.00	\$ 14,630.00	\$ 60.00	\$ 4,620.00
39	Sodding	1,294	SY	\$ 5.44	\$ 3.15	\$ 5.67	\$ 7,336.98	\$ 4.65	\$ 6,017.10	\$ 6.00	\$ 7,764.00
<b>SUBTOTAL (ROADWAY)</b>							<b>\$ 1,100,119.05</b>		<b>\$ 1,206,007.10</b>		<b>\$ 1,266,030.90</b>

ATTACHMENT 6  
PAGE 3 OF 6

Kirk Road over L.W.D.D. L-7 Canal South of LWDD L-7 Canal to Pot O'Gold St.				AVERAGE OF BID ITEMS	ENGINEERS ESTIMATE	D.S. Eakins Construction Corporation		Ranger Construction Industries		Foster Marine Contractors, Inc.	
PBC Project #2014515											
ITEM #	DESCRIPTION	QTY	UNIT	UNIT PRICE	UNIT PRICE	UNIT PRICE	TOTAL	UNIT PRICE	TOTAL	UNIT PRICE	TOTAL
<b>SIGNALIZATION ITEMS</b>											
40	Overhead School Flasher Sign Structure, Complete	1	LS	\$ 58,913.67	\$ 70,000.00	\$ 69,041.00	\$ 69,041.00	\$ 52,700.00	\$ 52,700.00	\$ 55,000.00	\$ 55,000.00
SUBTOTAL (SIGNALIZATION)							\$ 69,041.00		\$ 52,700.00		\$ 55,000.00
<b>WATER UTILITY ITEMS</b>											
<b>Water Utility Pay Items</b>											
41	Adjust Valve Box	3	EA	\$ 404.67	\$ 100.00	\$ 454.00	\$ 1,362.00	\$ 510.00	\$ 1,530.00	\$ 250.00	\$ 750.00
42	8" DIP Water Main Removal	123	LF	\$ 17.45	\$ 17.00	\$ 20.00	\$ 2,460.00	\$ 22.35	\$ 2,749.05	\$ 10.00	\$ 1,230.00
43	8" DIP Water Main	120	LF	\$ 88.67	\$ 32.00	\$ 57.00	\$ 6,840.00	\$ 64.00	\$ 7,680.00	\$ 145.00	\$ 17,400.00
44	8" Gate Valve & Valve Box	2	EA	\$ 1,847.67	\$ 1,350.00	\$ 1,793.00	\$ 3,586.00	\$ 2,000.00	\$ 4,000.00	\$ 1,750.00	\$ 3,500.00
45	Furnish & Install DIP Fittings w/Joint Restraint	0.4	TN	\$ 13,824.67	\$ 3,500.00	\$ 14,874.00	\$ 5,949.60	\$ 16,600.00	\$ 6,640.00	\$ 10,000.00	\$ 4,000.00
46	Connect to Existing Water Main	2	EA	\$ 2,070.00	\$ 2,800.00	\$ 1,750.00	\$ 3,500.00	\$ 1,960.00	\$ 3,920.00	\$ 2,500.00	\$ 5,000.00
47	Furnish, Install, and Remove Sample Points, Complete	1	LS	\$ 1,706.67	\$ 2,000.00	\$ 1,000.00	\$ 1,000.00	\$ 1,120.00	\$ 1,120.00	\$ 3,000.00	\$ 3,000.00
48	As Built Record Drawings	1	LS	\$ 3,522.00	\$ 4,000.00	\$ 4,086.00	\$ 4,086.00	\$ 1,680.00	\$ 1,680.00	\$ 4,800.00	\$ 4,800.00
SUBTOTAL (WATER UTILITY)							\$ 28,783.60		\$ 29,319.05		\$ 39,680.00
<b>CONTINGENCY ITEMS</b>											
49	Support, Protect and/or Adjust ( 4" ) AT&T Conduit w/ Fiber Optic Cable	270	LF	\$ 20.78	\$ 16.00	\$ 20.00	\$ 5,400.00	\$ 22.35	\$ 6,034.50	\$ 20.00	\$ 5,400.00
50	Premium for Conflict Condition (See SP's)	2	EA	\$ 2,743.33	\$ 1,000.00	\$ 2,000.00	\$ 4,000.00	\$ 2,230.00	\$ 4,460.00	\$ 4,000.00	\$ 8,000.00
SUBTOTAL (CONTINGENCY)							\$ 9,400.00		\$ 10,494.50		\$ 13,400.00
TOTAL BID AMOUNT						\$ 1,207,343.65		\$ 1,298,520.65		\$ 1,374,110.90	

D.S. Eakins - math error. Contingency items were not included in Total Bid Amount

Kirk Road over L.W.D.D. L-7 Canal  
South of LWDD L-7 Canal to Pot O'Gold St.  
PBC Project #2014515

THE ITEMS AND QUANTITIES SHOWN, SHALL GOVERN OVER THE PLANS.  
PAY ITEM FOOTNOTES IN CONSTRUCTION PLANS SHALL ALSO BE INCLUDED IN ITEM UNIT PRICE.

PAY ITEM FOOTNOTES
All costs for Maintenance of Traffic (MOT) and mobilization shall be considered incidental to, and shall be included in, unit prices for the pay items.
All items shall include cost to furnish and install unless otherwise noted.
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Items 8 and 10 include quantities for temporary connection of northwest proposed sidewalk to existing sidewalk

Working days to complete project: 180 calendar days (See Special Provisions)  
Bids as read at opening on Tuesday, May 9, 2017; 2:00 PM  
All bids subject to OSBA SBE compliance and Board Approval.  
Prepared by: Donna Lewis  
Checked by: Holly B. Knight, P.E., Contracts Section Manager



EXHIBIT "B"

Water Utilities Department (WUD)

PROJECT NAME: Kirk Rd. from S. of LWDD L-7 Canal to Pot O’ Gold St.

PROJECT NUMBER: 2014515

CONTRACTOR: D. S. Eakins Construction Corporation

ITEM		QUANTITY /UNITS	UNIT PRICE	AMOUNT
WUD REGULAR ITEMS				
41	Adjust Valve Box	3 EA	\$454.00	\$1,362.00
42	8" DIP Water Main Removal	123 LF	\$20.00	\$2,460.00
43	8" DIP Water Main	120 LF	\$57.00	\$6,840.00
44	8" Gate Valve & Valve Box	2 EA	\$1,793.00	\$3,586.00
45	Furnish & Install DIP Fittings w/Joint Restraint	0.4 TN	\$14,874.00	\$5,949.60
46	Connect to Existing Water Main	2 EA	\$1,750.00	\$3,500.00
47	Furnish, Install, and Remove Sample Points, Complete	1 LS	\$1,000.00	\$1,000.00
48	As Built Record Drawings	1 LS	\$4,086.00	\$4,086.00
WUD SUBTOTAL				\$28,783.60