

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

Meeting Date: **May 7, 2013**

Consent Regular
Public Hearing

Department: **Water Utilities Department**

I. EXECUTIVE BRIEF

Motion and Title: Staff recommends motion to approve: a unit price contract with **A) Johnson-Davis, Incorporated** in a cumulative amount not to exceed \$8,339,350 and; **B) Centerline Utilities, Inc.** in a cumulative amount not to exceed \$8,521,496.03 for the Water Utilities Department Pipeline Continuing Construction Contract 2013 to install raw water mains, potable water mains, reclaimed water mains, wastewater force mains, and water service lines over a 12 month term.

Summary: On February 20, 2013, six (6) bids were received for the Water Utilities Department Pipeline Continuing Construction Contract 2013. Johnson-Davis, Incorporated and Centerline Utilities, Inc. are the first and second lowest responsible and responsive bidder, respectively. This contract will be used to expedite utility special assessment projects, utility improvement projects for the Belle Glade, Pahokee and South Bay areas and other pipeline projects where timing is critical. Contract award is for the base contract only, and the contract by itself does not guarantee nor authorize Johnson-Davis, Incorporated or Centerline Utilities, Inc. to perform any work. The bid dollar amounts of \$8,339,350.00 for Johnson-Davis Incorporated and \$8,521,496.03 for Centerline Utilities, Inc. shall **only** be used to establish the unit prices for this contract. Work will be assigned during the 12 month contract period by formal work authorizations drawn against this contract, with approvals pursuant to PPM CW-F-050 and requirements for any Federally funded projects. The unit prices contained in this Contract will be used in determining the cost of work authorizations. It is the intention of the Department to limit the total of the authorizations for each firm to \$6,500,000. Supplements to work authorizations for changes that occur during construction will be subject to the change order limits for construction contracts as established under PPM CW-F-050 with each work authorization considered as an individual construction contract. The Small Business Enterprise (SBE) participation goal established by the SBE Ordinance (R2002-0064) is 15% overall. This contract with Johnson-Davis, Incorporated and Centerline Utilities, Inc. provides for SBE participation of 20.96% and 16.56% overall, respectively. Johnson-Davis, Incorporated is a Palm Beach County company. Centerline Utilities, Inc. is not a Palm Beach County company. (WUD Project No. 13-020) Districts 1, 2, 3, 5, 6 and 7 (JM)

Background and Justification: Palm Beach County adopted Ordinance 2001-0010 to encourage the installation of utility pipelines in existing developed neighborhoods through the special assessment process. This continuing construction contract will reduce the time needed from receipt of citizen petitions to completion of the utility improvements. In addition to Capital Improvement projects, this contract will also be used for Community Development Block Grants (CDBG) projects through Department of Economic Sustainability (DES) utilizing the project specific requirements for Federally funded projects when issuing the Work Authorization as required. There were a number of minor irregularities identified with the bid documents which are detailed in Attachment 6. Staff waived these minor irregularities as they did not provide the low bidder with any competitive or monetary advantage. There is no bid protest associated with this item.

Attachments:

1. Two (2) Original Contracts for Johnson-Davis, Incorporated
2. Two (2) Original Contracts for Centerline Utilities, Inc.
3. Location Map
4. Engineer's Recommendation & Bid Tabulation Sheet
5. SBE Compliance Review
6. List of Minor/Major Irregularities

Recommended By: *Bernard Beaulieu* Department Director 4/19/13 Date

Approved By: *William J. ...* Assistant County Administrator 4/26/13 Date

II. FISCAL IMPACT ANALYSIS

A. Five Year Summary of Fiscal Impact:

Fiscal Years	2013	2014	2015	2016	2017
Capital Expenditures	<u>\$16,860,846.03</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>
External Revenues	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>
Program Income (County)	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>
In-Kind Match County CCRT	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>
NET FISCAL IMPACT	<u>\$16,860,846.03</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>
 # ADDITIONAL FTE POSITIONS (Cumulative)	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>

Budget Account No.: Fund 4011 Dept 721 Unit W031 Object 6547

Is Item Included in Current Budget? Yes No X(*)

(*) Amounts are not encumbered until work authorizations are issued.

Reporting Category N/A

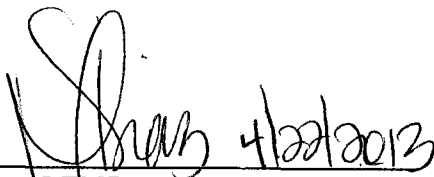
B. Recommended Sources of Funds/Summary of Fiscal Impact:

The source of funds will depend on the nature of each specific Work Authorization. Work Authorizations specific to the Water Utilities Department (WUD) will be funded by WUD user fees, connection fees and balances brought forward or by outside funding agencies. If the Work Authorization is part of a special assessment then expenditures will be repaid by the benefitting property owners over a 20 year period plus interest at 5.5%.

C. Department Fiscal Review: 

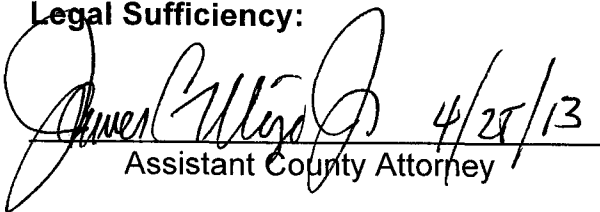
III. REVIEW COMMENTS

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


OFMB 4/22/2013
DM 4/1/13


Contract Development and Control
4-25-13 B Wheeler

B. Legal Sufficiency:


Assistant County Attorney
4/25/13

C. Other Department Review:

Department Director

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



Palm Beach County
Water Utilities
Department
Service Area (SA) and
Major Facilities

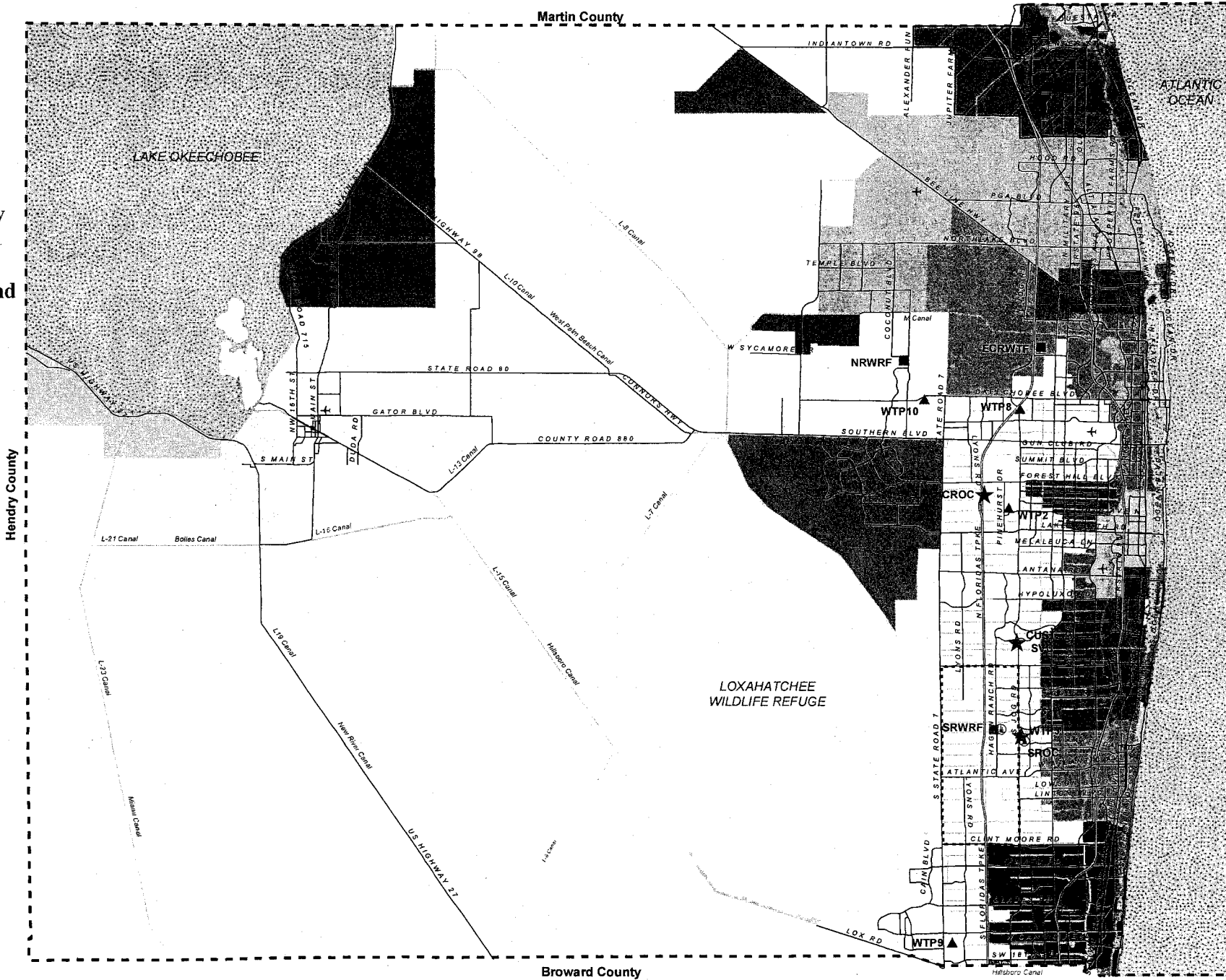
Attachment 3

Legend

- P.B.C.W.U.D. SA
- Mandatory Reclaimed SA
- - - - - Palm Beach County Limits
- ★ Administration
- Water Reclamation Facility
- ▲ Water Treatment Facility
- ⊙ Wetlands



NOT TO SCALE



Inter-Office Memorandum

Palm Beach County



Water Utilities Department

DATE: March 26, 2013

TO: Bevin A. Beaudet, P.E.
Director

FROM: Maurice Tobon, P.E.
Director of Engineering *WT*

RE: Notice of Award Recommendation
Pipeline Continuing Construction Contract 2013
Project No. WUD 13-020

The bid opening for the above referenced project was held on Wednesday, February 20, 2013. Proposals were received from six (6) contractors. The engineer's opinion of probable construction cost was \$7,700,000 for the base bid comprising Bid Item Numbers 1 through 300. The complete Bid Tabulation is attached. A summary of the results of the bidders' total base bid price is as follows:

BIDDER'S NAME	BASE BID
Johnson-Davis, Incorporated	\$ 8,339,350.00
Centerline Utilities, Inc.	\$ 8,521,496.03
Ric-Man International, Inc.	\$ 9,770,524.94
AKA Services, Inc.	\$ 9,955,512.74
Man-Con Incorporated	\$10,124,603.25
Lanzo Construction Co.	\$11,682,329.51

The first low bidder was Johnson-Davis, Incorporated and the second low bidder was Centerline Utilities, Inc. Recommendation of Award shall be for the two low bidders and the evaluation is as follows:

1. The Bid Form provided in the Contract Documents was properly executed.
2. Bid security equal to 5% of the total base bid was enclosed with the bid.
3. SBE-MWBE Schedules #1 and #2 provided in the Contract Documents were properly filled out. The two (2) low bidders have met the 15% SBE goal established under the SBE Ordinance. (A copy of the Office of Small Business Assistance SBE-MWBE Compliance Review is attached.)
4. Both first and second low responsive bidder acknowledged the four (4) addenda.
5. Contractors hold a valid state contractor's license.

Water Utilities staff when evaluating the bids carefully considered the overall experience, qualifications, resources and references of the two (2) low bidders. Contract award to the first low bidder, Johnson-Davis, Incorporated in the amount of \$8,339,350.00 and the second low bidder, Centerline Utilities in the amount of \$8,521,496.03 is recommended.

A copy of this notice has been posted at the bid opening location and will be left there for a minimum of five (5) business days.

C: File
Brian A. Shields, P.E., Deputy Director, WUD
Henry Melendez, P.E., Pipeline Design Manager, WUD

BID TABULATION

Palm Beach County Water Utilities Department
 WUD 13-020 Pipeline Continuing Construction Contract 2013
 Bid Opening Date: February 20, 2013

NO.	BID ITEM (Furnish and install with Appurtenances)	QUANTITY	UNIT	JOHNSON-DAVIS, INC.		CENTERLINE UTILITIES, INC.		RIC-MAN INTERNATIONAL, INC.		AKA SERVICES, INC.		MAN-CON INCORPORATED		LANZO CONSTRUCTION CO	
				UNIT PRICE	TOTAL	UNIT PRICE	TOTAL	UNIT PRICE	TOTAL	UNIT PRICE	TOTAL	UNIT PRICE	TOTAL	UNIT PRICE	TOTAL
1	4" PVC Push-On Joint Wastewater Force Main (36" to 60" Cover)	500	L.F.	\$15.00	\$7,500.00	\$10.68	\$5,340.00	\$12.00	\$6,000.00	\$10.74	\$5,370.00	\$23.60	\$11,800.00	\$30.00	\$15,000.00
2	4" DIP Push-On Joint Water Main/Reclaimed Water Main (36" to 60" Cover)	1,500	L.F.	\$30.00	\$45,000.00	\$26.55	\$39,825.00	\$29.00	\$43,500.00	\$25.38	\$38,070.00	\$43.30	\$64,950.00	\$55.00	\$82,500.00
3	4" DIP Push-On Joint Wastewater Force Main (36" to 60" Cover)	75	L.F.	\$50.00	\$3,750.00	\$42.09	\$3,156.75	\$45.00	\$3,375.00	\$39.36	\$2,952.00	\$62.40	\$4,680.00	\$80.00	\$6,000.00
4	4" DIP Water Main Conflict (30' of 4" DIP) center 20' length of restrained joint water main (60" to 72" cover) and 4-45 degree elbows under existing pipe	5	Each	\$2,000.00	\$10,000.00	\$2,618.47	\$13,092.35	\$2,300.00	\$11,500.00	\$2,131.31	\$10,656.55	\$2,375.00	\$11,875.00	\$2,617.00	\$13,085.00
5	6" PVC Push-On Joint Water Main/Reclaimed Water Main/Wastewater Force Main (36" to 60" Cover)	6,500	L.F.	\$15.00	\$97,500.00	\$14.01	\$91,065.00	\$15.00	\$97,500.00	\$13.42	\$87,230.00	\$26.40	\$171,800.00	\$35.00	\$227,500.00
6	6" DIP Push-On Joint Water Main/Reclaimed Water Main (36" to 60" Cover)	1,250	L.F.	\$30.00	\$37,500.00	\$24.85	\$31,062.50	\$26.00	\$32,500.00	\$23.49	\$29,362.50	\$40.00	\$50,000.00	\$53.00	\$66,250.00
7	6" DIP Push-On Joint Wastewater Force Main (36" to 60" Cover)	4,000	L.F.	\$35.00	\$140,000.00	\$40.85	\$163,400.00	\$41.00	\$164,000.00	\$38.23	\$152,920.00	\$59.00	\$236,000.00	\$77.00	\$308,000.00
8	6" DIP Water Main Conflict (30' of 6" DIP) center 20' length of restrained joint water main (60" to 84" cover) and 4-45 degree elbows under existing pipe	5	Each	\$2,100.00	\$10,500.00	\$2,839.15	\$14,195.75	\$2,600.00	\$13,000.00	\$2,204.06	\$11,020.30	\$2,500.00	\$12,500.00	\$2,750.00	\$13,750.00
9	6" DIP Wastewater Main Conflict (30' of 6" DIP) center 20' length of restrained joint water main (60" to 84" cover) and 4-45 degree elbows under existing pipe	5	Each	\$2,700.00	\$13,500.00	\$3,960.51	\$19,802.55	\$3,800.00	\$19,000.00	\$3,243.36	\$16,216.80	\$3,500.00	\$17,500.00	\$3,908.00	\$19,540.00
10	8" PVC Push-On Joint Water Main/Reclaimed Water Main/Wastewater Force Main (36" to 60" Cover)	1,500	L.F.	\$20.00	\$30,000.00	\$19.42	\$29,130.00	\$21.00	\$31,500.00	\$18.15	\$27,225.00	\$33.50	\$50,250.00	\$43.00	\$64,500.00
11	8" DIP Push-On Joint Water Main/Reclaimed Water Main (36" to 60" Cover)	1,500	L.F.	\$30.00	\$45,000.00	\$30.12	\$45,180.00	\$32.00	\$48,000.00	\$28.05	\$42,075.00	\$47.40	\$71,100.00	\$60.00	\$90,000.00
12	8" DIP Push-On Joint Wastewater Force Main (36" to 60" Cover)	1,500	L.F.	\$45.00	\$67,500.00	\$49.82	\$74,730.00	\$53.00	\$79,500.00	\$46.27	\$69,405.00	\$70.75	\$106,125.00	\$90.00	\$135,000.00
13	8" DIP Water Main Conflict center 20' length of restrained joint water main (60" to 84" cover) and 4-45 degree elbows under existing pipe	5	Each	\$2,500.00	\$12,500.00	\$3,096.21	\$15,481.05	\$29.00	\$145.00	\$2,742.12	\$13,710.60	\$3,560.00	\$17,800.00	\$3,222.00	\$16,110.00
14	8" DIP Wastewater Main Conflict center 20' length of restrained joint water main (60" to 84" cover) and 4-45 degree elbows under existing pipe	5	Each	\$3,500.00	\$17,500.00	\$3,164.35	\$15,821.75	\$4,100.00	\$20,500.00	\$3,907.18	\$19,535.90	\$4,600.00	\$23,000.00	\$4,680.00	\$23,400.00
15	10" PVC Push-On Joint Water Main/Reclaimed Water Main/Wastewater Force Main (36" to 60" Cover)	500	L.F.	\$25.00	\$12,500.00	\$26.60	\$13,300.00	\$27.00	\$13,500.00	\$24.05	\$12,025.00	\$42.00	\$21,000.00	\$50.00	\$25,000.00
16	10" DIP Push-On Joint Water Main/Reclaimed Water Main (36" to 60" Cover)	100	L.F.	\$42.00	\$4,200.00	\$38.58	\$3,858.00	\$48.00	\$4,800.00	\$35.22	\$3,522.00	\$59.00	\$5,900.00	\$72.00	\$7,200.00
17	10" DIP Push-On Joint Wastewater Force Main (36" to 60" Cover)	100	L.F.	\$60.00	\$6,000.00	\$50.81	\$5,081.00	\$60.00	\$6,000.00	\$46.55	\$4,655.00	\$89.00	\$8,900.00	\$110.00	\$11,000.00
18	10" DIP Water Main Conflict center 20' length of restrained joint water main (60" to 84" cover) and 4-45 degree elbows under existing pipe	5	Each	\$3,500.00	\$17,500.00	\$4,150.25	\$20,751.25	\$3,300.00	\$16,500.00	\$3,506.41	\$17,532.05	\$374.00	\$1,870.00	\$4,192.00	\$20,960.00
19	10" DIP Wastewater Main Conflict center 20' length of restrained joint water main (60" to 84" cover) and 4-45 degree elbows under existing pipe	5	Each	\$4,500.00	\$22,500.00	\$5,644.60	\$28,223.00	\$4,800.00	\$24,000.00	\$4,784.26	\$23,921.30	\$5,775.00	\$28,875.00	\$5,895.00	\$29,475.00
20	12" PVC Push-On Joint Water Main/Wastewater Force Main/Reclaimed Water Main (36" to 60" Cover)	6,500	L.F.	\$30.00	\$195,000.00	\$33.87	\$220,155.00	\$34.00	\$221,000.00	\$29.70	\$193,050.00	\$51.30	\$333,450.00	\$60.00	\$390,000.00
21	12" DIP Push-On Joint Water Main/Reclaimed Water Main (36" to 60" Cover)	4,250	L.F.	\$45.00	\$191,250.00	\$44.81	\$190,442.50	\$45.00	\$191,250.00	\$39.83	\$169,277.50	\$69.30	\$294,525.00	\$82.00	\$348,500.00
22	12" DIP Push-On Joint Wastewater Force Main (36" to 60" Cover)	150	L.F.	\$68.00	\$10,200.00	\$60.63	\$9,094.50	\$68.00	\$10,200.00	\$54.44	\$8,166.00	\$103.00	\$15,450.00	\$125.00	\$18,750.00
23	12" DIP Water Main Conflict center 20' length of restrained joint water main (60" to 84" cover) and 4-45 degree elbows under existing pipe	5	Each	\$4,500.00	\$22,500.00	\$5,054.66	\$25,272.80	\$4,000.00	\$20,000.00	\$4,044.39	\$20,221.95	\$5,600.00	\$28,000.00	\$5,097.00	\$25,485.00
24	12" DIP Wastewater Main Conflict center 20' length of restrained joint water main (60" to 84" cover) and 4-45 degree elbows under existing pipe	5	Each	\$5,500.00	\$27,500.00	\$6,940.72	\$34,703.60	\$6,000.00	\$30,000.00	\$5,645.83	\$28,229.65	\$7,660.00	\$38,300.00	\$7,340.00	\$36,700.00

BID TABULATION

NO.	BID ITEM (Furnish and Install with Appurtenances)	QUANTITY	UNIT	UNIT PRICE	TOTAL	UNIT PRICE	TOTAL	UNIT PRICE	TOTAL	UNIT PRICE	TOTAL	UNIT PRICE	TOTAL	UNIT PRICE	TOTAL
25	16" PVC Push-On Joint Water Main/Wastewater Force Main/Reclaimed Water Main (36" to 60" Cover)	2,650	L.F.	\$48.00	\$127,200.00	\$53.34	\$141,351.00	\$80.00	\$159,000.00	\$45.95	\$121,767.50	\$75.25	\$199,412.50	\$83.00	\$219,950.00
26	16" DIP Push-On Joint Water Main/Reclaimed Water Main (36" to 60" Cover)	750	L.F.	\$65.00	\$48,750.00	\$68.47	\$51,352.50	\$77.00	\$57,750.00	\$59.99	\$44,992.50	\$107.00	\$80,250.00	\$123.00	\$92,250.00
27	16" DIP Push-On Joint Wastewater Force Main (36" to 60" Cover)	150	L.F.	\$100.00	\$15,000.00	\$106.14	\$15,921.00	\$117.00	\$17,550.00	\$94.95	\$14,242.50	\$148.00	\$22,200.00	\$175.00	\$26,250.00
28	16" DIP Water Main Conflict center 20' length of restrained joint water main (80" to 84" cover) and 4-45 degree elbows under existing pipe	5	Each	\$5,500.00	\$27,500.00	\$8,122.90	\$40,614.50	\$6,100.00	\$30,500.00	\$6,256.64	\$31,283.20	\$8,500.00	\$42,500.00	\$8,003.00	\$40,015.00
29	16" DIP Wastewater Main Conflict center 20' length of restrained joint water main (80" to 84" cover) and 4-45 degree elbows under existing pipe	5	Each	\$7,500.00	\$37,500.00	\$11,396.31	\$56,981.55	\$9,000.00	\$45,000.00	\$8,940.90	\$44,704.50	\$11,000.00	\$55,000.00	\$10,652.00	\$53,260.00
30	18" PVC Push-On Joint Water Main/Wastewater Force Main/Reclaimed Water Main (36" to 60" Cover)	650	L.F.	\$65.00	\$42,250.00	\$71.33	\$46,364.50	\$80.00	\$52,000.00	\$60.08	\$39,052.00	\$93.00	\$60,450.00	\$101.00	\$65,650.00
31	18" DIP Push-On Joint Water Main/Reclaimed Water Main (36" to 60" Cover)	250	L.F.	\$80.00	\$20,000.00	\$92.02	\$23,005.00	\$101.00	\$25,250.00	\$79.16	\$19,790.00	\$132.00	\$33,000.00	\$150.00	\$37,500.00
32	18" DIP Restrained Joint Water Main/Reclaimed Water Main (36" to 60" Cover)	150	L.F.	\$105.00	\$15,750.00	\$113.82	\$17,073.00	\$124.00	\$18,600.00	\$99.43	\$14,914.50	\$132.00	\$18,800.00	\$186.00	\$27,900.00
33	18" DIP Push-On Joint Wastewater Force Main (36" to 60" Cover)	150	L.F.	\$140.00	\$21,000.00	\$163.75	\$24,562.50	\$178.00	\$26,400.00	\$145.70	\$21,855.00	\$182.00	\$27,300.00	\$214.00	\$32,100.00
34	18" DIP Water Main Conflict center 20' length of restrained joint water main (80" to 84" cover) and 4-45 degree elbows under existing pipe	5	Each	\$6,500.00	\$32,500.00	\$10,800.98	\$53,004.90	\$7,700.00	\$38,500.00	\$7,655.16	\$38,275.80	\$10,800.00	\$54,000.00	\$10,305.00	\$51,525.00
35	18" DIP Wastewater Main Conflict center 20' length of restrained joint water main (80" to 84" cover) and 4-45 degree elbows under existing pipe	5	Each	\$8,500.00	\$42,500.00	\$14,920.90	\$74,604.50	\$11,000.00	\$55,000.00	\$10,993.57	\$54,967.85	\$13,200.00	\$66,000.00	\$13,060.00	\$65,300.00
36	20" PVC Push-On Joint Water Main/Wastewater Force Main/Reclaimed Water Main (36" to 60" Cover)	5	L.F.	\$80.00	\$400.00	\$90.05	\$450.25	\$93.00	\$465.00	\$72.56	\$362.80	\$125.70	\$628.50	\$150.00	\$750.00
37	20" DIP Push-On Joint Water Main/Reclaimed Water Main (36" to 60" Cover)	5	L.F.	\$100.00	\$500.00	\$104.65	\$523.25	\$109.00	\$545.00	\$86.10	\$430.50	\$177.50	\$887.50	\$190.00	\$950.00
38	20" DIP Push-On Joint Wastewater Force Main (36" to 60" Cover)	150	L.F.	\$130.00	\$19,500.00	\$144.46	\$21,669.00	\$150.00	\$22,500.00	\$122.19	\$18,328.50	\$208.00	\$31,200.00	\$255.00	\$38,250.00
39	20" DIP Restrained Joint Water Main/Reclaimed Water Main (36" to 60" Cover)	10	L.F.	\$140.00	\$1,400.00	\$131.92	\$1,319.20	\$137.00	\$1,370.00	\$111.36	\$1,113.60	\$182.00	\$1,820.00	\$265.00	\$2,650.00
40	24" DIP Push-On Joint Water Main/Reclaimed Water Main (36" to 60" Cover)	10	L.F.	\$150.00	\$1,500.00	\$119.71	\$1,197.10	\$127.00	\$1,270.00	\$101.29	\$1,012.90	\$199.00	\$1,990.00	\$220.00	\$2,200.00
41	24" DIP Restrained Joint Water Main/Reclaimed Water Main (36" to 60" Cover)	10	L.F.	\$180.00	\$1,800.00	\$157.75	\$1,577.50	\$167.00	\$1,670.00	\$136.54	\$1,365.40	\$248.00	\$2,480.00	\$342.00	\$3,420.00
42	24" PVC Push-On Joint Water Main/Wastewater Force Main/Reclaimed Water Main (36" to 60" Cover)	10	L.F.	\$120.00	\$1,200.00	\$119.71	\$1,197.10	\$127.00	\$1,270.00	\$101.29	\$1,012.90	\$180.00	\$1,800.00	\$195.00	\$1,950.00
43	24" DIP Push-On Wastewater Force Main (36" to 60" Cover)	10	L.F.	\$175.00	\$1,750.00	\$170.82	\$1,708.20	\$181.00	\$1,810.00	\$148.67	\$1,486.70	\$262.00	\$2,620.00	\$300.00	\$3,000.00
44	Ductile Iron Fittings for Water Main/Reclaimed Water Main	10	Tons	\$3,500.00	\$35,000.00	\$6,022.13	\$60,221.30	\$7,000.00	\$70,000.00	\$7,056.45	\$70,564.50	\$6,270.00	\$62,700.00	\$8,037.00	\$80,370.00
45	Ductile Iron Fittings for Wastewater Force Main	10	Tons	\$9,000.00	\$90,000.00	\$13,409.51	\$134,095.10	\$14,000.00	\$140,000.00	\$13,936.27	\$139,362.70	\$8,400.00	\$84,000.00	\$11,740.00	\$117,400.00
46	4" DIP Water Main vertical deflection of Existing 4" Water Main, 30' of restrained joint water main (60" to 72" cover) and 4-45 degree elbows under proposed pipe	2	Each	\$3,500.00	\$7,000.00	\$3,751.09	\$7,502.18	\$5,500.00	\$11,000.00	\$3,284.76	\$6,569.56	\$3,700.00	\$7,400.00	\$3,700.00	\$7,400.00
47	4" DIP Water Main horizontal deflection of Existing 4" Water Main, 30' of restrained joint water main (60" to 72" cover) and 4-45 degree elbows around proposed storm structure (3' min clear.)	2	Each	\$2,500.00	\$5,000.00	\$3,751.09	\$7,502.18	\$3,100.00	\$6,200.00	\$3,284.76	\$6,569.56	\$3,700.00	\$7,400.00	\$3,700.00	\$7,400.00
48	6" DIP Water Main vertical deflection of Existing 6" Water Main, 30' of restrained joint water main (60" to 72" cover) and 4-45 degree elbows under proposed pipe	2	Each	\$4,000.00	\$8,000.00	\$3,886.44	\$7,772.88	\$5,500.00	\$11,000.00	\$3,369.37	\$6,738.74	\$3,780.00	\$7,560.00	\$3,795.00	\$7,590.00
49	6" DIP Water Main horizontal deflection of Existing 6" Water Main, 30' of restrained joint water main (60" to 72" cover) and 4-45 degree elbows around proposed storm structure (3' min clear.)	2	Each	\$2,500.00	\$5,000.00	\$3,886.44	\$7,772.88	\$3,200.00	\$6,400.00	\$3,369.94	\$6,739.88	\$3,780.00	\$7,560.00	\$3,795.00	\$7,590.00
50	8" DIP Water Main vertical deflection of Existing 8" Water Main, 30' of restrained joint water main (60" to 72" cover) and 4-45 degree elbows under proposed pipe	2	Each	\$5,500.00	\$11,000.00	\$5,055.76	\$10,111.52	\$6,000.00	\$12,000.00	\$3,713.92	\$7,427.84	\$4,700.00	\$9,400.00	\$5,315.00	\$10,630.00

BID TABULATION

NO.	BID ITEM (Furnish and Install with Appurtenances)	QUANTITY	UNIT	UNIT PRICE	TOTAL	UNIT PRICE	TOTAL	UNIT PRICE	TOTAL	UNIT PRICE	TOTAL	UNIT PRICE	TOTAL	UNIT PRICE	TOTAL
51	8" DIP Water Main horizontal deflection of Existing 8" Water Main, 30' of restrained joint water main (60" to 72" cover) and 4-45 degree elbows around proposed storm structure (3' min clear.)	2	Each	\$3,500.00	\$7,000.00	\$4,983.47	\$9,966.94	\$3,600.00	\$7,200.00	\$3,713.82	\$7,427.64	\$4,700.00	\$9,400.00	\$5,315.00	\$10,630.00
52	10" DIP Water Main vertical deflection of Existing 10" Water Main, 30' of restrained joint water main (60" to 72" cover) and 4-45 degree elbows under proposed pipe	2	Each	\$6,500.00	\$13,000.00	\$6,443.53	\$12,887.06	\$6,600.00	\$13,200.00	\$4,231.80	\$8,463.20	\$5,820.00	\$11,640.00	\$6,100.00	\$12,200.00
53	10" DIP Water Main horizontal deflection of Existing 10" Water Main, 30' of restrained joint water main (60" to 72" cover) and 4-45 degree elbows around proposed storm structure (3' min clear.)	2	Each	\$4,000.00	\$8,000.00	\$6,443.49	\$12,886.98	\$4,200.00	\$8,400.00	\$4,231.80	\$8,463.20	\$5,820.00	\$11,640.00	\$6,100.00	\$12,200.00
54	12" DIP Water Main vertical deflection of Existing 12" Water Main, 30' of restrained joint water main (60" to 72" cover) and 4-45 degree elbows under proposed pipe	2	Each	\$7,500.00	\$15,000.00	\$7,199.80	\$14,399.60	\$7,200.00	\$14,400.00	\$5,592.51	\$11,185.02	\$7,100.00	\$14,200.00	\$7,100.00	\$14,200.00
55	12" DIP Water Main horizontal deflection of Existing 12" Water Main, 30' of restrained joint water main (60" to 72" cover) and 4-45 degree elbows around proposed storm structure (3' min clear.)	2	Each	\$5,000.00	\$10,000.00	\$7,199.80	\$14,399.60	\$5,000.00	\$10,000.00	\$5,592.51	\$11,185.02	\$7,100.00	\$14,200.00	\$7,100.00	\$14,200.00
56	16" DIP Water Main vertical deflection of Existing 16" Water Main, 40' of restrained joint water main (60" to 72" cover) and 4-45 degree elbows under proposed pipe	1	Each	\$14,000.00	\$14,000.00	\$10,901.98	\$10,901.98	\$12,000.00	\$12,000.00	\$8,026.39	\$8,026.39	\$12,440.00	\$12,440.00	\$15,665.66	\$15,665.66
57	16" DIP Water Main horizontal deflection of Existing 16" Water Main, 40' of restrained joint water main (60" to 72" cover) and 4-45 degree elbows around proposed storm structure (3' min clear.)	1	Each	\$10,000.00	\$10,000.00	\$10,901.98	\$10,901.98	\$8,000.00	\$8,000.00	\$8,026.39	\$8,026.39	\$12,440.00	\$12,440.00	\$15,665.66	\$15,665.66
58	18" DIP Water Main vertical deflection of Existing 18" Water Main, 40' of restrained joint water main (60" to 72" cover) and 4-45 degree elbows under proposed pipe	1	Each	\$15,000.00	\$15,000.00	\$13,110.62	\$13,110.62	\$14,000.00	\$14,000.00	\$11,362.88	\$11,362.88	\$15,600.00	\$15,600.00	\$18,130.00	\$18,130.00
59	18" DIP Water Main horizontal deflection of Existing 18" Water Main, 40' of restrained joint water main (60" to 72" cover) and 4-45 degree	1	Each	\$10,500.00	\$10,500.00	\$13,110.62	\$13,110.62	\$10,000.00	\$10,000.00	\$11,362.88	\$11,362.88	\$15,600.00	\$15,600.00	\$18,130.00	\$18,130.00
60	6" HDPE (SDR-11) Open Trench Installation	10,000	L.F.	\$18.00	\$180,000.00	\$13.93	\$139,300.00	\$16.00	\$160,000.00	\$20.02	\$200,200.00	\$32.00	\$320,000.00	\$40.00	\$400,000.00
61	8" HDPE (SDR-11) Open Trench Installation	2,500	L.F.	\$22.00	\$55,000.00	\$20.00	\$50,000.00	\$21.00	\$52,500.00	\$24.30	\$60,750.00	\$36.00	\$90,000.00	\$50.00	\$125,000.00
62	12" HDPE (SDR-11) Open Trench Installation	500	L.F.	\$40.00	\$20,000.00	\$37.53	\$18,765.00	\$38.00	\$19,000.00	\$39.37	\$19,685.00	\$56.00	\$28,000.00	\$75.00	\$37,500.00
63	16" HDPE (SDR-11) Open Trench Installation	250	L.F.	\$90.00	\$22,500.00	\$94.94	\$23,735.00	\$100.00	\$25,000.00	\$90.12	\$22,530.00	\$113.00	\$28,250.00	\$107.00	\$26,750.00
64	4" HDPE Directional Drill Water Main/Reclaimed Water Main/Wastewater Force Main	100	L.F.	\$50.00	\$5,000.00	\$46.63	\$4,663.00	\$77.00	\$7,700.00	\$26.77	\$2,677.00	\$37.60	\$3,760.00	\$42.00	\$4,200.00
65	6" HDPE Directional Drill Water Main/Reclaimed Water Main/Wastewater Force Main	250	L.F.	\$60.00	\$15,000.00	\$49.26	\$12,315.00	\$67.00	\$21,750.00	\$39.18	\$9,795.00	\$48.40	\$12,100.00	\$43.00	\$10,750.00
66	8" HDPE Directional Drill Water Main/Reclaimed Water Main/Wastewater Force Main	750	L.F.	\$70.00	\$52,500.00	\$67.81	\$50,857.50	\$105.00	\$78,750.00	\$52.83	\$39,622.50	\$69.00	\$51,750.00	\$75.00	\$56,250.00
67	10" HDPE Directional Drill Water Main/Reclaimed Water Main/Wastewater Force Main	100	L.F.	\$80.00	\$8,000.00	\$92.98	\$9,298.00	\$132.00	\$13,200.00	\$71.21	\$7,121.00	\$97.50	\$9,750.00	\$103.00	\$10,300.00
68	12" HDPE Directional Drill Water Main/Reclaimed Water Main/Wastewater Force Main	300	L.F.	\$100.00	\$30,000.00	\$102.40	\$30,720.00	\$172.00	\$51,600.00	\$84.52	\$25,356.00	\$146.00	\$43,800.00	\$155.00	\$46,500.00
69	16" HDPE Directional Drill Water Main/Reclaimed Water Main/Wastewater Force Main	100	L.F.	\$150.00	\$15,000.00	\$186.44	\$18,644.00	\$278.00	\$27,800.00	\$172.73	\$17,273.00	\$220.00	\$22,000.00	\$232.00	\$23,200.00
70	20" HDPE Directional Drill Water Main/Reclaimed Water Main/Wastewater Force Main	100	L.F.	\$220.00	\$22,000.00	\$262.25	\$26,225.00	\$400.00	\$40,000.00	\$234.49	\$23,449.00	\$358.00	\$35,800.00	\$375.00	\$37,500.00
71	24" HDPE Directional Drill Water Main/Reclaimed Water Main/Wastewater Force Main	100	L.F.	\$280.00	\$28,000.00	\$351.45	\$35,145.00	\$500.00	\$50,000.00	\$308.65	\$30,865.00	\$437.00	\$43,700.00	\$460.00	\$46,000.00
72	24" HDPE Directional Drill Casing with 16" HDPE Carrier Pipe for Water Main/Reclaimed Water Main/Wastewater Force Main	100	L.F.	\$400.00	\$40,000.00	\$447.21	\$44,721.00	\$700.00	\$70,000.00	\$458.53	\$45,853.00	\$550.00	\$55,000.00	\$555.00	\$55,500.00
73	12" Jack & Bore Steel Casing w/4" Water/Wastewater/Reclaimed Water Carrier Pipe	120	L.F.	\$250.00	\$30,000.00	\$209.59	\$25,150.80	\$250.00	\$30,000.00	\$427.08	\$51,249.60	\$297.00	\$35,640.00	\$247.00	\$29,640.00
74	14" Jack & Bore Steel Casing w/6" Water/Wastewater/Reclaimed Water Carrier Pipe	120	L.F.	\$260.00	\$31,200.00	\$227.83	\$27,339.60	\$270.00	\$32,400.00	\$455.05	\$54,606.00	\$324.00	\$38,880.00	\$275.00	\$33,000.00
75	20" Jack & Bore Steel Casing w/8" Water/Wastewater/Reclaimed Water Carrier Pipe	120	L.F.	\$300.00	\$36,000.00	\$288.73	\$34,647.60	\$350.00	\$42,000.00	\$537.35	\$64,482.00	\$400.00	\$48,000.00	\$360.00	\$43,200.00

BID TABULATION

NO.	BID ITEM (Furnish and Install with Appurtenances)	QUANTITY	UNIT	UNIT PRICE	TOTAL	UNIT PRICE	TOTAL	UNIT PRICE	TOTAL	UNIT PRICE	TOTAL	UNIT PRICE	TOTAL	UNIT PRICE	TOTAL
76	20" Jack & Bore Steel Casing w/10" Water/Wastewater/Reclaimed Water Carrier Pipe	120	L.F.	\$310.00	\$37,200.00	\$290.60	\$34,872.00	\$350.00	\$42,000.00	\$520.71	\$62,485.20	\$462.00	\$55,440.00	\$380.00	\$45,600.00
77	24" Jack & Bore Steel Casing w/12" Water/Wastewater/Reclaimed Water Carrier Pipe	120	L.F.	\$350.00	\$42,000.00	\$339.50	\$40,740.00	\$400.00	\$48,000.00	\$589.48	\$68,337.60	\$464.00	\$55,680.00	\$455.00	\$54,600.00
78	24" Jack & Bore Steel Casing w/14" Water/Wastewater/Reclaimed Water Carrier Pipe	120	L.F.	\$380.00	\$45,600.00	\$395.84	\$47,500.80	\$400.00	\$48,000.00	\$601.40	\$72,168.00	\$454.00	\$54,480.00	\$515.00	\$61,800.00
79	30" Jack & Bore Steel Casing w/16" Water/Wastewater/Reclaimed Water Carrier Pipe	120	L.F.	\$450.00	\$54,000.00	\$472.25	\$56,670.00	\$550.00	\$66,000.00	\$711.69	\$85,402.80	\$571.00	\$68,520.00	\$630.00	\$75,600.00
80	30" Jack & Bore Steel Casing w/18" Water/Wastewater/Reclaimed Water Carrier Pipe	120	L.F.	\$480.00	\$58,800.00	\$538.27	\$64,592.40	\$550.00	\$66,000.00	\$741.30	\$88,956.00	\$571.00	\$68,520.00	\$675.00	\$81,000.00
81	36" Jack & Bore Steel Casing w/20" Water/Wastewater/Reclaimed Water Carrier Pipe	100	L.F.	\$600.00	\$60,000.00	\$591.22	\$59,122.00	\$700.00	\$70,000.00	\$841.01	\$84,101.00	\$728.00	\$72,800.00	\$840.00	\$84,000.00
82	42" Jack & Bore Steel Casing w/24" Water/Wastewater/Reclaimed Water Carrier Pipe	100	L.F.	\$625.00	\$62,500.00	\$732.72	\$73,272.00	\$800.00	\$80,000.00	\$1,019.54	\$101,954.00	\$881.00	\$88,100.00	\$1,100.00	\$110,000.00
83	4" DIP x HDPE Adapter	5	Each	\$300.00	\$1,500.00	\$252.07	\$1,260.35	\$300.00	\$1,500.00	\$125.63	\$628.15	\$117.00	\$585.00	\$230.00	\$1,150.00
84	6" DIP x HDPE Adapter	10	Each	\$375.00	\$3,750.00	\$326.72	\$3,267.20	\$330.00	\$3,300.00	\$168.09	\$1,680.90	\$160.00	\$1,600.00	\$310.00	\$3,100.00
85	8" DIP x HDPE Adapter	20	Each	\$425.00	\$8,500.00	\$385.93	\$7,718.60	\$400.00	\$8,000.00	\$212.06	\$4,241.20	\$186.00	\$3,720.00	\$370.00	\$7,400.00
86	10" DIP x HDPE Adapter	2	Each	\$550.00	\$1,100.00	\$527.35	\$1,054.70	\$550.00	\$1,100.00	\$289.30	\$578.60	\$248.00	\$496.00	\$472.00	\$944.00
87	12" DIP x HDPE Adapter	2	Each	\$725.00	\$1,450.00	\$703.68	\$1,407.36	\$700.00	\$1,400.00	\$360.37	\$720.74	\$312.00	\$624.00	\$575.00	\$1,150.00
88	16" DIP x HDPE Adapter	2	Each	\$1,200.00	\$2,400.00	\$1,404.88	\$2,809.76	\$1,300.00	\$2,600.00	\$610.20	\$1,220.40	\$734.00	\$1,468.00	\$1,136.00	\$2,272.00
89	18" DIP x HDPE Adapter	2	Each	\$1,300.00	\$2,600.00	\$1,517.38	\$3,034.76	\$1,500.00	\$3,000.00	\$798.53	\$1,597.06	\$906.00	\$1,812.00	\$1,430.00	\$2,860.00
90	20" DIP x HDPE Adapter	2	Each	\$1,400.00	\$2,800.00	\$1,668.62	\$3,337.24	\$1,800.00	\$3,600.00	\$886.84	\$1,773.68	\$996.00	\$1,992.00	\$1,570.00	\$3,140.00
91	24" DIP x HDPE Adapter	2	Each	\$1,500.00	\$3,000.00	\$1,467.14	\$2,934.28	\$2,000.00	\$4,000.00	\$1,170.93	\$2,341.86	\$1,380.00	\$2,760.00	\$2,130.00	\$4,260.00
92	4" Mechanical Joint Restraint for DIP	60	Each	\$150.00	\$9,000.00	\$38.34	\$2,300.40	\$70.00	\$4,200.00	\$128.80	\$7,728.00	\$77.00	\$4,620.00	\$68.00	\$5,280.00
93	6" Mechanical Joint Restraint for DIP	60	Each	\$180.00	\$10,800.00	\$47.46	\$2,847.60	\$80.00	\$4,800.00	\$137.26	\$8,235.60	\$100.00	\$6,000.00	\$112.00	\$6,720.00
94	8" Mechanical Joint Restraint for DIP	60	Each	\$240.00	\$14,400.00	\$63.28	\$3,796.80	\$100.00	\$6,000.00	\$151.91	\$9,114.60	\$135.00	\$8,100.00	\$130.00	\$7,800.00
95	10" Mechanical Joint Restraint for DIP	20	Each	\$300.00	\$6,000.00	\$90.86	\$1,817.20	\$130.00	\$2,600.00	\$187.65	\$3,753.00	\$174.00	\$3,480.00	\$190.00	\$3,800.00
96	12" Mechanical Joint Restraint for DIP	60	Each	\$400.00	\$24,000.00	\$114.39	\$6,863.40	\$180.00	\$9,800.00	\$209.65	\$12,579.00	\$226.00	\$13,560.00	\$232.00	\$13,920.00
97	16" Mechanical Joint Restraint for DIP	15	Each	\$600.00	\$9,000.00	\$206.87	\$3,103.05	\$250.00	\$3,750.00	\$295.36	\$4,430.40	\$340.00	\$5,100.00	\$350.00	\$5,250.00
98	18" Mechanical Joint Restraint for DIP	10	Each	\$650.00	\$6,500.00	\$273.80	\$2,738.00	\$350.00	\$3,500.00	\$370.36	\$3,703.60	\$428.00	\$4,280.00	\$438.00	\$4,380.00
99	20" Mechanical Joint Restraint for DIP	10	Each	\$800.00	\$8,000.00	\$328.56	\$3,285.60	\$400.00	\$4,000.00	\$421.11	\$4,211.10	\$512.00	\$5,120.00	\$533.00	\$5,330.00
100	24" Mechanical Joint Restraint for DIP	10	Each	\$950.00	\$9,500.00	\$452.68	\$4,526.80	\$550.00	\$5,500.00	\$536.15	\$5,361.50	\$595.00	\$5,950.00	\$625.00	\$6,250.00
101	4" Mechanical Joint Restraint for PVC	25	Each	\$180.00	\$4,500.00	\$43.20	\$1,080.00	\$70.00	\$1,750.00	\$133.30	\$3,332.50	\$81.00	\$2,025.00	\$93.00	\$2,325.00
102	6" Mechanical Joint Restraint for PVC	55	Each	\$190.00	\$10,450.00	\$54.15	\$2,978.25	\$80.00	\$4,950.00	\$143.46	\$7,890.30	\$106.00	\$5,830.00	\$120.00	\$6,600.00
103	8" Mechanical Joint Restraint for PVC	55	Each	\$250.00	\$13,750.00	\$72.32	\$3,977.60	\$100.00	\$5,500.00	\$164.32	\$9,037.60	\$140.00	\$7,700.00	\$140.00	\$7,700.00
104	10" Mechanical Joint Restraint for PVC	40	Each	\$320.00	\$12,800.00	\$133.88	\$5,354.40	\$180.00	\$7,200.00	\$227.70	\$9,108.00	\$200.00	\$8,000.00	\$224.00	\$8,960.00
105	12" Mechanical Joint Restraint for PVC	40	Each	\$415.00	\$16,600.00	\$136.29	\$5,451.60	\$190.00	\$7,600.00	\$229.95	\$9,198.00	\$250.00	\$10,000.00	\$247.00	\$9,880.00
106	16" Mechanical Joint Restraint for PVC	30	Each	\$625.00	\$18,750.00	\$285.97	\$8,579.10	\$350.00	\$10,500.00	\$368.88	\$11,060.40	\$398.00	\$11,840.00	\$420.00	\$12,600.00
107	18" Mechanical Joint Restraint for PVC	20	Each	\$675.00	\$13,500.00	\$304.22	\$6,084.40	\$380.00	\$7,600.00	\$398.55	\$7,971.00	\$450.00	\$9,000.00	\$465.00	\$9,300.00
108	20" Mechanical Joint Restraint for PVC	10	Each	\$800.00	\$8,000.00	\$383.32	\$3,833.20	\$400.00	\$4,000.00	\$471.87	\$4,718.70	\$512.00	\$5,120.00	\$532.00	\$5,320.00
109	24" Mechanical Joint Restraint for PVC	10	Each	\$975.00	\$9,750.00	\$424.69	\$4,246.90	\$550.00	\$5,500.00	\$510.21	\$5,102.10	\$621.00	\$6,210.00	\$658.00	\$6,580.00
110	4" Joint Restraint Gasket (Field Lock or Fast Grip)	40	Each	\$50.00	\$2,000.00	\$54.76	\$2,190.40	\$58.00	\$2,320.00	\$128.48	\$5,139.20	\$75.00	\$3,000.00	\$125.00	\$5,000.00
111	6" Joint Restraint Gasket (Field Lock or Fast Grip)	60	Each	\$70.00	\$4,200.00	\$79.10	\$4,746.00	\$83.00	\$4,980.00	\$151.03	\$9,061.80	\$108.00	\$6,480.00	\$180.00	\$10,800.00
112	8" Joint Restraint Gasket (Field Lock or Fast Grip)	60	Each	\$90.00	\$5,400.00	\$105.87	\$6,352.20	\$110.00	\$6,600.00	\$175.85	\$10,551.00	\$146.00	\$8,760.00	\$225.00	\$13,500.00
113	10" Joint Restraint Gasket (Field Lock or Fast Grip)	20	Each	\$130.00	\$2,600.00	\$152.11	\$3,042.20	\$160.00	\$3,200.00	\$218.71	\$4,374.20	\$211.00	\$4,220.00	\$334.00	\$6,680.00
114	12" Joint Restraint Gasket (Field Lock or Fast Grip)	50	Each	\$150.00	\$7,500.00	\$169.15	\$8,457.50	\$177.00	\$8,850.00	\$234.50	\$11,725.00	\$243.00	\$12,150.00	\$370.00	\$18,500.00
115	16" Joint Restraint Gasket (Field Lock or Fast Grip)	20	Each	\$350.00	\$7,000.00	\$389.40	\$7,788.00	\$408.00	\$8,160.00	\$454.18	\$9,083.60	\$564.00	\$11,280.00	\$755.00	\$15,100.00
116	18" Joint Restraint Gasket (Field Lock or Fast Grip)	20	Each	\$400.00	\$8,000.00	\$468.50	\$9,370.00	\$490.00	\$9,800.00	\$527.49	\$10,549.80	\$684.00	\$13,680.00	\$890.00	\$17,800.00
117	20" Joint Restraint Gasket (Field Lock or Fast Grip)	20	Each	\$475.00	\$9,500.00	\$545.07	\$10,901.40	\$570.00	\$11,400.00	\$598.54	\$11,970.80	\$792.00	\$15,840.00	\$1,025.00	\$20,500.00

BID TABULATION

NO.	BID ITEM (Furnish and install with Appurtenances)	QUANTITY	UNIT	UNIT PRICE	TOTAL	UNIT PRICE	TOTAL	UNIT PRICE	TOTAL	UNIT PRICE	TOTAL	UNIT PRICE	TOTAL	UNIT PRICE	TOTAL
118	24" Joint Restraint Gasket (Field Lock or Fast Grip)	20	Each	\$975.00	\$13,500.00	\$760.55	\$15,211.00	\$800.00	\$16,000.00	\$798.17	\$15,963.40	\$1,100.00	\$22,000.00	\$1,405.00	\$28,100.00
119	4" PVC Pressure Pipe Restraint Harness	30	Each	\$75.00	\$2,250.00	\$83.96	\$2,518.80	\$200.00	\$6,000.00	\$171.10	\$5,133.00	\$185.00	\$4,950.00	\$148.00	\$4,440.00
120	6" PVC Pressure Pipe Restraint Harness	45	Each	\$100.00	\$4,500.00	\$108.30	\$4,873.50	\$220.00	\$9,900.00	\$193.65	\$8,714.25	\$316.00	\$14,220.00	\$198.00	\$8,910.00
121	8" PVC Pressure Pipe Restraint Harness	45	Each	\$150.00	\$6,750.00	\$152.11	\$6,844.95	\$250.00	\$11,250.00	\$234.25	\$10,541.25	\$314.00	\$14,130.00	\$255.00	\$11,475.00
122	10" PVC Pressure Pipe Restraint Harness	35	Each	\$180.00	\$6,300.00	\$194.70	\$6,814.50	\$300.00	\$10,500.00	\$273.72	\$9,580.20	\$495.00	\$17,325.00	\$470.00	\$16,450.00
123	12" PVC Pressure Pipe Restraint Harness	35	Each	\$200.00	\$7,000.00	\$212.95	\$7,453.25	\$350.00	\$12,250.00	\$290.64	\$10,172.40	\$525.00	\$18,375.00	\$490.00	\$17,150.00
124	16" PVC Pressure Pipe Restraint Harness	35	Each	\$700.00	\$24,500.00	\$821.39	\$28,748.65	\$1,000.00	\$35,000.00	\$854.56	\$29,909.60	\$1,120.00	\$39,200.00	\$1,154.00	\$40,390.00
125	18" PVC Pressure Pipe Restraint Harness	35	Each	\$725.00	\$25,375.00	\$845.73	\$29,600.55	\$1,100.00	\$38,500.00	\$877.12	\$30,699.20	\$1,214.00	\$42,490.00	\$1,208.00	\$42,280.00
126	20" PVC Pressure Pipe Restraint Harness	45	Each	\$975.00	\$43,875.00	\$1,107.36	\$49,831.20	\$1,300.00	\$58,500.00	\$1,119.80	\$50,382.00	\$1,540.00	\$69,300.00	\$1,577.00	\$70,965.00
127	24" PVC Pressure Pipe Restraint Harness	35	Each	\$1,500.00	\$52,500.00	\$1,833.82	\$64,183.70	\$2,000.00	\$70,000.00	\$1,773.75	\$62,081.25	\$2,500.00	\$87,500.00	\$2,706.00	\$94,710.00
128	4" Gate Valve & Valve Box	10	Each	\$750.00	\$7,500.00	\$719.52	\$7,195.20	\$900.00	\$9,000.00	\$953.58	\$9,535.80	\$688.00	\$6,880.00	\$828.00	\$8,280.00
129	6" Gate Valve & Valve Box	10	Each	\$850.00	\$8,500.00	\$835.47	\$8,354.70	\$1,000.00	\$10,000.00	\$1,060.72	\$10,607.20	\$820.00	\$8,200.00	\$1,054.00	\$10,540.00
130	8" Gate Valve & Valve Box	10	Each	\$1,150.00	\$11,500.00	\$1,135.10	\$11,351.00	\$1,300.00	\$13,000.00	\$1,320.13	\$13,201.30	\$1,100.00	\$11,000.00	\$1,338.00	\$13,380.00
131	10" Gate Valve & Valve Box	10	Each	\$1,500.00	\$15,000.00	\$1,600.31	\$16,003.10	\$1,700.00	\$17,000.00	\$1,732.85	\$17,328.50	\$1,690.00	\$16,900.00	\$2,055.00	\$20,550.00
132	12" Gate Valve & Valve Box	10	Each	\$1,800.00	\$18,000.00	\$2,102.29	\$21,022.90	\$2,200.00	\$22,000.00	\$2,138.88	\$21,388.80	\$2,050.00	\$20,500.00	\$2,393.00	\$23,930.00
133	16" Gate Valve & Valve Box	5	Each	\$4,200.00	\$21,000.00	\$4,612.09	\$23,060.45	\$4,800.00	\$24,000.00	\$4,431.13	\$22,155.65	\$6,400.00	\$32,000.00	\$7,190.00	\$35,950.00
134	18" Gate Valve & Valve Box	2	Each	\$9,100.00	\$18,200.00	\$11,034.58	\$22,069.16	\$11,000.00	\$22,000.00	\$10,295.90	\$20,591.80	\$9,570.00	\$19,140.00	\$10,837.00	\$21,674.00
135	20" Gate Valve & Valve Box	2	Each	\$9,500.00	\$19,000.00	\$11,149.38	\$22,298.76	\$12,000.00	\$24,000.00	\$10,491.95	\$20,983.90	\$12,125.00	\$24,250.00	\$13,607.00	\$27,214.00
136	24" Gate Valve & Valve Box	2	Each	\$10,500.00	\$21,000.00	\$12,890.47	\$25,720.94	\$13,000.00	\$26,000.00	\$11,958.14	\$23,916.28	\$16,625.00	\$33,250.00	\$18,940.00	\$37,880.00
137	12" Butterfly Valve & Valve Box	10	Each	\$1,600.00	\$16,000.00	\$1,554.69	\$15,546.90	\$1,600.00	\$16,000.00	\$1,696.12	\$16,961.20	\$1,586.00	\$15,860.00	\$1,886.00	\$18,860.00
138	16" Butterfly Valve & Valve Box	1	Each	\$2,200.00	\$2,200.00	\$2,340.20	\$2,340.20	\$2,400.00	\$2,400.00	\$2,399.70	\$2,399.70	\$2,670.00	\$2,670.00	\$2,865.00	\$2,865.00
139	18" Butterfly Valve & Valve Box	1	Each	\$3,200.00	\$3,200.00	\$3,217.84	\$3,217.84	\$3,400.00	\$3,400.00	\$3,189.19	\$3,189.19	\$3,670.00	\$3,670.00	\$4,080.00	\$4,080.00
140	20" Butterfly Valve & Valve Box	1	Each	\$4,000.00	\$4,000.00	\$4,152.32	\$4,152.32	\$4,400.00	\$4,400.00	\$4,006.87	\$4,006.87	\$4,800.00	\$4,800.00	\$5,363.00	\$5,363.00
141	24" Butterfly Valve & Valve Box	1	Each	\$5,200.00	\$5,200.00	\$5,400.19	\$5,400.19	\$5,700.00	\$5,700.00	\$5,072.69	\$5,072.69	\$6,300.00	\$6,300.00	\$7,317.00	\$7,317.00
142	8"X4" Tapping Sleeve w/Valve & Valve Box	1	Each	\$3,000.00	\$3,000.00	\$3,080.08	\$3,080.08	\$4,000.00	\$4,000.00	\$2,212.13	\$2,212.13	\$2,820.00	\$2,820.00	\$2,408.00	\$2,408.00
143	8"X6" Tapping Sleeve w/Valve & Valve Box	1	Each	\$3,500.00	\$3,500.00	\$3,309.40	\$3,309.40	\$4,200.00	\$4,200.00	\$2,431.03	\$2,431.03	\$3,160.00	\$3,160.00	\$2,742.00	\$2,742.00
144	12"X 4" Tapping Sleeve w/ Valve and Valve Box	1	Each	\$3,500.00	\$3,500.00	\$3,196.03	\$3,196.03	\$6,100.00	\$6,100.00	\$2,319.84	\$2,319.84	\$3,940.00	\$3,940.00	\$3,219.00	\$3,219.00
145	12"X 6" Tapping Sleeve w/ Valve and Valve Box	1	Each	\$4,500.00	\$4,500.00	\$4,203.69	\$4,203.69	\$7,200.00	\$7,200.00	\$3,259.99	\$3,259.99	\$4,500.00	\$4,500.00	\$3,688.00	\$3,688.00
146	12"X 8" Tapping Sleeve w/ Valve and Valve Box	1	Each	\$5,000.00	\$5,000.00	\$4,696.76	\$4,696.76	\$7,700.00	\$7,700.00	\$3,703.89	\$3,703.89	\$5,100.00	\$5,100.00	\$4,295.00	\$4,295.00
147	12"X 10" Tapping Sleeve w/ Valve and Valve Box	1	Each	\$5,500.00	\$5,500.00	\$5,339.92	\$5,339.92	\$8,300.00	\$8,300.00	\$4,292.81	\$4,292.81	\$6,160.00	\$6,160.00	\$5,369.00	\$5,369.00
148	16"X 4" Tapping Sleeve w/Valve & Valve Box	1	Each	\$4,000.00	\$4,000.00	\$3,760.27	\$3,760.27	\$7,000.00	\$7,000.00	\$2,869.42	\$2,869.42	\$9,240.00	\$9,240.00	\$8,390.00	\$8,390.00
149	16"X 6" Tapping Sleeve w/Valve & Valve Box	1	Each	\$4,500.00	\$4,500.00	\$4,165.23	\$4,165.23	\$7,500.00	\$7,500.00	\$3,251.29	\$3,251.29	\$9,700.00	\$9,700.00	\$8,917.00	\$8,917.00
150	16"X 8" Tapping Sleeve w/Valve & Valve Box	3	Each	\$7,500.00	\$22,500.00	\$7,798.08	\$23,394.24	\$11,000.00	\$33,000.00	\$6,605.02	\$19,815.06	\$10,600.00	\$31,800.00	\$9,828.00	\$29,484.00
151	16"X 12" Tapping Sleeve w/Valve & Valve Box	1	Each	\$8,500.00	\$8,500.00	\$9,165.63	\$9,165.63	\$12,500.00	\$12,500.00	\$7,839.26	\$7,839.26	\$12,500.00	\$12,500.00	\$12,009.00	\$12,009.00
152	18"X 4" Tapping Sleeve w/Valve & Valve Box	1	Each	\$4,000.00	\$4,000.00	\$5,130.99	\$5,130.99	\$8,000.00	\$8,000.00	\$3,376.95	\$3,376.95	\$9,000.00	\$9,000.00	\$7,702.00	\$7,702.00
153	18"X 6" Tapping Sleeve w/Valve & Valve Box	1	Each	\$4,500.00	\$4,500.00	\$4,988.35	\$4,988.35	\$8,000.00	\$8,000.00	\$3,251.29	\$3,251.29	\$13,500.00	\$13,500.00	\$12,631.00	\$12,631.00
154	18"X 8" Tapping Sleeve w/Valve & Valve Box	1	Each	\$4,800.00	\$4,800.00	\$5,603.10	\$5,603.10	\$8,000.00	\$8,000.00	\$3,807.97	\$3,807.97	\$14,100.00	\$14,100.00	\$13,205.00	\$13,205.00
155	18"X 12" Tapping Sleeve w/Valve & Valve Box	1	Each	\$10,500.00	\$10,500.00	\$13,609.54	\$13,609.54	\$16,000.00	\$16,000.00	\$11,194.58	\$11,194.58	\$15,780.00	\$15,780.00	\$15,118.00	\$15,118.00
156	20"X 6" Tapping Sleeve w/Valve & Valve Box	1	Each	\$4,500.00	\$4,500.00	\$5,930.28	\$5,930.28	\$7,000.00	\$7,000.00	\$3,384.18	\$3,384.18	\$14,320.00	\$14,320.00	\$12,631.00	\$12,631.00
157	20"X 8" Tapping Sleeve w/Valve & Valve Box	1	Each	\$5,000.00	\$5,000.00	\$6,545.04	\$6,545.04	\$8,000.00	\$8,000.00	\$3,940.87	\$3,940.87	\$14,860.00	\$14,860.00	\$13,137.00	\$13,137.00
158	20"X 12" Tapping Sleeve w/Valve & Valve Box	1	Each	\$10,500.00	\$10,500.00	\$12,293.36	\$12,293.36	\$14,000.00	\$14,000.00	\$9,235.33	\$9,235.33	\$16,640.00	\$16,640.00	\$15,183.00	\$15,183.00
159	20"X 16" Tapping Sleeve w/Valve & Valve Box	1	Each	\$14,000.00	\$14,000.00	\$19,362.17	\$19,362.17	\$21,000.00	\$21,000.00	\$15,960.28	\$15,960.28	\$21,890.00	\$21,890.00	\$21,051.00	\$21,051.00
160	24"X 6" Tapping Sleeve w/Valve & Valve Box	1	Each	\$4,700.00	\$4,700.00	\$6,022.12	\$6,022.12	\$8,000.00	\$8,000.00	\$3,468.76	\$3,468.76	\$15,540.00	\$15,540.00	\$12,967.00	\$12,967.00
161	24"X 8" Tapping Sleeve w/Valve & Valve Box	1	Each	\$5,500.00	\$5,500.00	\$7,398.57	\$7,398.57	\$8,269.94	\$8,269.94	\$4,053.65	\$4,053.65	\$16,400.00	\$16,400.00	\$13,946.00	\$13,946.00
162	24"X 12" Tapping Sleeve w/Valve & Valve Box	1	Each	\$13,000.00	\$13,000.00	\$14,781.48	\$14,781.48	\$16,000.00	\$16,000.00	\$10,859.42	\$10,859.42	\$18,000.00	\$18,000.00	\$15,992.00	\$15,992.00
163	24"X 16" Tapping Sleeve w/Valve & Valve Box	1	Each	\$15,000.00	\$15,000.00	\$21,802.24	\$21,802.24	\$22,000.00	\$22,000.00	\$17,409.94	\$17,409.94	\$26,400.00	\$26,400.00	\$25,441.00	\$25,441.00

BID TABULATION

NO.	BID ITEM (Furnish and Install with Appurtenances)	QUANTITY	UNIT	UNIT PRICE	TOTAL	UNIT PRICE	TOTAL	UNIT PRICE	TOTAL	UNIT PRICE	TOTAL	UNIT PRICE	TOTAL	UNIT PRICE	TOTAL
164	24"X 18" Tapping Sleeve w/Valve & Valve Box	1	Each	\$20,000.00	\$20,000.00	\$29,961.08	\$29,961.08	\$32,000.00	\$32,000.00	\$24,971.36	\$24,971.36	\$31,400.00	\$31,400.00	\$30,641.00	\$30,641.00
165	4" Single Line Stop (for PVC/DIP/CIP/AC)	1	Each	\$2,500.00	\$2,500.00	\$4,093.77	\$4,093.77	\$5,000.00	\$5,000.00	\$2,516.63	\$2,516.63	\$3,460.00	\$3,460.00	\$2,086.00	\$2,086.00
166	4" Double Line Stop w/ 2" By-Pass (for PVC/DIP/CIP/AC)	1	Each	\$6,000.00	\$6,000.00	\$8,441.82	\$8,441.82	\$6,500.00	\$6,500.00	\$3,846.63	\$3,846.63	\$5,240.00	\$5,240.00	\$4,106.00	\$4,106.00
167	6" Single Line Stop (for PVC/DIP/CIP/AC)	1	Each	\$3,000.00	\$3,000.00	\$4,610.37	\$4,610.37	\$6,000.00	\$6,000.00	\$2,995.43	\$2,995.43	\$4,080.00	\$4,080.00	\$3,106.00	\$3,106.00
168	6" Double Line Stop w/ 4" By-Pass (for PVC/DIP/CIP/AC)	1	Each	\$7,500.00	\$7,500.00	\$11,024.82	\$11,024.82	\$10,000.00	\$10,000.00	\$6,240.63	\$6,240.63	\$7,920.00	\$7,920.00	\$6,656.00	\$6,656.00
169	8" Single Line Stop (for PVC/DIP/CIP/AC)	1	Each	\$4,000.00	\$4,000.00	\$5,099.57	\$5,099.57	\$7,000.00	\$7,000.00	\$3,421.03	\$3,421.03	\$4,980.00	\$4,980.00	\$3,361.00	\$3,361.00
170	8" Double Line Stop w/ 6" By-Pass (for PVC/DIP/CIP/AC)	1	Each	\$9,500.00	\$9,500.00	\$12,459.82	\$12,459.82	\$11,000.00	\$11,000.00	\$7,570.63	\$7,570.63	\$9,120.00	\$9,120.00	\$8,313.00	\$8,313.00
171	10" Single Line Stop (for PVC/DIP/CIP/AC)	1	Each	\$5,500.00	\$5,500.00	\$6,881.69	\$6,881.69	\$8,000.00	\$8,000.00	\$4,910.63	\$4,910.63	\$6,760.00	\$6,760.00	\$4,636.00	\$4,636.00
172	10" Double Line Stop w/ 8" By-Pass (for PVC/DIP/CIP/AC)	1	Each	\$12,500.00	\$12,500.00	\$14,615.19	\$14,615.19	\$13,000.00	\$13,000.00	\$9,432.63	\$9,432.63	\$11,120.00	\$11,120.00	\$11,756.00	\$11,756.00
173	12" Single Line Stop (for PVC/DIP/CIP/AC)	1	Each	\$6,500.00	\$6,500.00	\$7,168.69	\$7,168.69	\$9,000.00	\$9,000.00	\$5,176.63	\$5,176.63	\$8,160.00	\$8,160.00	\$5,000.00	\$5,000.00
174	12" Double Line Stop w/ 8" By-Pass (for PVC/DIP/CIP/AC)	1	Each	\$14,500.00	\$14,500.00	\$15,189.19	\$15,189.19	\$13,000.00	\$13,000.00	\$9,964.63	\$9,964.63	\$13,420.00	\$13,420.00	\$12,863.00	\$12,863.00
175	16" Single Line Stop (for PVC/DIP/CIP/AC)	1	Each	\$10,000.00	\$10,000.00	\$10,711.99	\$10,711.99	\$11,000.00	\$11,000.00	\$7,836.63	\$7,836.63	\$11,180.00	\$11,180.00	\$8,468.00	\$8,468.00
176	16" Double Line Stop w/ 12" By-Pass (for PVC/DIP/CIP/AC)	1	Each	\$24,000.00	\$24,000.00	\$22,935.32	\$22,935.32	\$18,000.00	\$18,000.00	\$15,284.63	\$15,284.63	\$19,600.00	\$19,600.00	\$20,305.00	\$20,305.00
177a	Aerial Crossing Complete (6" Water/Reclaimed Water Main, up to 20' Long) (Addendum No.1)	1	Lump Sum	\$35,000.00	\$35,000.00	\$38,267.43	\$38,267.43	\$44,000.00	\$44,000.00	\$47,931.73	\$47,931.73	\$39,600.00	\$39,600.00	\$47,247.00	\$47,247.00
177b	Aerial Crossing Complete (6" Water/Reclaimed Water Main, 21' to 30' Long) (Addendum No.1)	1	Lump Sum	\$36,000.00	\$36,000.00	\$39,169.76	\$39,169.76	\$49,000.00	\$49,000.00	\$52,989.62	\$52,989.62	\$40,200.00	\$40,200.00	\$53,154.00	\$53,154.00
177c	Aerial Crossing Complete (6" Water/Reclaimed Water Main, 31' to 50' Long) (Addendum No.1)	1	Lump Sum	\$38,000.00	\$38,000.00	\$40,837.80	\$40,837.80	\$55,000.00	\$55,000.00	\$58,791.89	\$58,791.89	\$41,900.00	\$41,900.00	\$59,673.00	\$59,673.00
178a	Aerial Crossing Complete (8" Water/Reclaimed Water Main, up to 20' Long) (Addendum No.1)	1	Lump Sum	\$37,000.00	\$37,000.00	\$40,762.85	\$40,762.85	\$45,000.00	\$45,000.00	\$50,175.01	\$50,175.01	\$41,800.00	\$41,800.00	\$48,681.00	\$48,681.00
178b	Aerial Crossing Complete (8" Water/Reclaimed Water Main, 21' to 30' Long) (Addendum No.1)	1	Lump Sum	\$38,000.00	\$38,000.00	\$42,054.68	\$42,054.68	\$51,000.00	\$51,000.00	\$55,637.80	\$55,637.80	\$43,100.00	\$43,100.00	\$54,896.00	\$54,896.00
178c	Aerial Crossing Complete (8" Water/Reclaimed Water Main, 31' to 50' Long) (Addendum No.1)	1	Lump Sum	\$41,000.00	\$41,000.00	\$44,323.13	\$44,323.13	\$61,000.00	\$61,000.00	\$61,996.09	\$61,996.09	\$45,500.00	\$45,500.00	\$61,942.00	\$61,942.00
179a	Aerial Crossing Complete (12" Water/Reclaimed Water Main, up to 20' Long) (Addendum No.1)	1	Lump Sum	\$42,000.00	\$42,000.00	\$46,529.59	\$46,529.59	\$52,000.00	\$52,000.00	\$55,502.92	\$55,502.92	\$47,700.00	\$47,700.00	\$56,024.00	\$56,024.00
179b	Aerial Crossing Complete (12" Water/Reclaimed Water Main, 21' to 30' Long) (Addendum No.1)	1	Lump Sum	\$44,000.00	\$44,000.00	\$49,122.92	\$49,122.92	\$58,000.00	\$58,000.00	\$62,161.22	\$62,161.22	\$50,400.00	\$50,400.00	\$62,965.00	\$62,965.00
179c	Aerial Crossing Complete (12" Water/Reclaimed Water Main, 31' to 50' Long) (Addendum No.1)	1	Lump Sum	\$48,500.00	\$48,500.00	\$52,827.52	\$52,827.52	\$62,000.00	\$62,000.00	\$69,851.50	\$69,851.50	\$54,200.00	\$54,200.00	\$71,297.00	\$71,297.00
180a	Aerial Crossing Complete (16" Water/Reclaimed Water Main, up to 20' Long) (Addendum No.1)	1	Lump Sum	\$49,000.00	\$49,000.00	\$54,884.16	\$54,884.16	\$57,000.00	\$57,000.00	\$63,051.56	\$63,051.56	\$56,000.00	\$56,000.00	\$58,951.00	\$58,951.00
180b	Aerial Crossing Complete (16" Water/Reclaimed Water Main, 21' to 30' Long) (Addendum No.1)	1	Lump Sum	\$52,000.00	\$52,000.00	\$58,339.64	\$58,339.64	\$63,000.00	\$63,000.00	\$70,509.49	\$70,509.49	\$59,600.00	\$59,600.00	\$66,940.00	\$66,940.00
180c	Aerial Crossing Complete (16" Water/Reclaimed Water Main, 31' to 50' Long) (Addendum No.1)	1	Lump Sum	\$58,000.00	\$58,000.00	\$64,227.73	\$64,227.73	\$70,000.00	\$70,000.00	\$80,223.11	\$80,223.11	\$65,700.00	\$65,700.00	\$77,022.00	\$77,022.00
181a	Aerial Crossing Complete (18" Water/Reclaimed Water Main, up to 20' Long) (Addendum No.1)	1	Lump Sum	\$56,000.00	\$56,000.00	\$65,154.17	\$65,154.17	\$62,000.00	\$62,000.00	\$72,543.45	\$72,543.45	\$66,600.00	\$66,600.00	\$62,323.00	\$62,323.00
181b	Aerial Crossing Complete (18" Water/Reclaimed Water Main, 21' to 30' Long) (Addendum No.1)	1	Lump Sum	\$60,000.00	\$60,000.00	\$70,204.22	\$70,204.22	\$67,000.00	\$67,000.00	\$81,479.99	\$81,479.99	\$71,800.00	\$71,800.00	\$71,282.19	\$71,282.19
181c	Aerial Crossing Complete (18" Water/Reclaimed Water Main, 31' to 50' Long) (Addendum No.1)	1	Lump Sum	\$68,000.00	\$68,000.00	\$78,849.81	\$78,849.81	\$79,000.00	\$79,000.00	\$93,749.30	\$93,749.30	\$80,600.00	\$80,600.00	\$82,870.00	\$82,870.00
182a	Aerial Crossing Complete (20" Water/Reclaimed Water Main, up to 20' Long) (Addendum No.1)	1	Lump Sum	\$63,000.00	\$63,000.00	\$68,842.69	\$68,842.69	\$61,000.00	\$61,000.00	\$70,614.85	\$70,614.85	\$70,500.00	\$70,500.00	\$65,740.00	\$65,740.00
182b	Aerial Crossing Complete (20" Water/Reclaimed Water Main, 21' to 30' Long) (Addendum No.1)	1	Lump Sum	\$67,000.00	\$67,000.00	\$73,503.57	\$73,503.57	\$66,000.00	\$66,000.00	\$79,190.48	\$79,190.48	\$75,200.00	\$75,200.00	\$74,775.00	\$74,775.00
182c	Aerial Crossing Complete (20" Water/Reclaimed Water Main, 31' to 50' Long) (Addendum No.1)	1	Lump Sum	\$69,000.00	\$69,000.00	\$81,266.35	\$81,266.35	\$81,000.00	\$81,000.00	\$90,642.09	\$90,642.09	\$86,200.00	\$86,200.00	\$86,411.00	\$86,411.00
183a	Aerial Crossing Complete (24" Water/Reclaimed Water Main, up to 20' Long) (Addendum No.1)	1	Lump Sum	\$71,000.00	\$71,000.00	\$78,883.92	\$78,883.92	\$70,000.00	\$70,000.00	\$79,159.37	\$79,159.37	\$79,900.00	\$79,900.00	\$72,964.00	\$72,964.00
183b	Aerial Crossing Complete (24" Water/Reclaimed Water Main, 21' to 30' Long) (Addendum No.1)	1	Lump Sum	\$75,000.00	\$75,000.00	\$85,100.09	\$85,100.09	\$75,000.00	\$75,000.00	\$89,361.34	\$89,361.34	\$86,500.00	\$86,500.00	\$83,050.00	\$83,050.00
183c	Aerial Crossing Complete (24" Water/Reclaimed Water Main, 31' to 50' Long) (Addendum No.1)	1	Lump Sum	\$80,000.00	\$80,000.00	\$95,104.91	\$95,104.91	\$91,000.00	\$91,000.00	\$102,890.43	\$102,890.43	\$96,800.00	\$96,800.00	\$96,375.00	\$96,375.00
184a	Aerial Crossing Complete (4" Wastewater Force Main, up to 20' Long) (Addendum No.1)	1	Lump Sum	\$38,000.00	\$38,000.00	\$41,854.12	\$41,854.12	\$47,000.00	\$47,000.00	\$51,230.86	\$51,230.86	\$43,000.00	\$43,000.00	\$50,311.00	\$50,311.00
184b	Aerial Crossing Complete (4" Wastewater Force Main, 21' to 30' Long) (Addendum No.1)	1	Lump Sum	\$39,000.00	\$39,000.00	\$42,855.09	\$42,855.09	\$53,000.00	\$53,000.00	\$56,219.76	\$56,219.76	\$43,800.00	\$43,800.00	\$56,472.00	\$56,472.00
184c	Aerial Crossing Complete (4" Wastewater Force Main, 31' to 50' Long) (Addendum No.1)	1	Lump Sum	\$42,000.00	\$42,000.00	\$43,566.60	\$43,566.60	\$59,000.00	\$59,000.00	\$62,598.35	\$62,598.35	\$43,900.00	\$43,900.00	\$63,461.00	\$63,461.00
185a	Aerial Crossing Complete (6" Wastewater Force Main, up to 20' Long) (Addendum No.1)	1	Lump Sum	\$39,000.00	\$39,000.00	\$42,694.12	\$42,694.12	\$49,000.00	\$49,000.00	\$51,999.85	\$51,999.85	\$46,100.00	\$46,100.00	\$51,338.00	\$51,338.00
185b	Aerial Crossing Complete (6" Wastewater Force Main, 21' to 30' Long) (Addendum No.1)	1	Lump Sum	\$40,000.00	\$40,000.00	\$44,106.16	\$44,106.16	\$54,000.00	\$54,000.00	\$57,565.27	\$57,565.27	\$43,800.00	\$43,800.00	\$57,655.00	\$57,655.00

BID TABULATION

NO.	BID ITEM (Furnish and Install with Appurtenances)	QUANTITY	UNIT	UNIT PRICE	TOTAL	UNIT PRICE	TOTAL	UNIT PRICE	TOTAL	UNIT PRICE	TOTAL	UNIT PRICE	TOTAL
85c	Aerial Crossing Complete (6" Wastewater Force Main, 31' to 50' Long) (Addendum No.1)	1	Lump Sum	\$41,600.00	\$41,600.00	\$44,953.38	\$44,953.38	\$60,000.00	\$60,000.00	\$62,806.25	\$62,806.25	\$45,300.00	\$45,300.00
86a	Aerial Crossing Complete (8" Wastewater Force Main, up to 20' Long) (Addendum No.1)	1	Lump Sum	\$41,000.00	\$41,000.00	\$45,273.68	\$45,273.68	\$51,000.00	\$51,000.00	\$54,364.93	\$54,364.93	\$46,400.00	\$46,400.00
86b	Aerial Crossing Complete (8" Wastewater Force Main, 21' to 30' Long) (Addendum No.1)	1	Lump Sum	\$42,000.00	\$42,000.00	\$46,946.31	\$46,946.31	\$56,000.00	\$56,000.00	\$60,170.59	\$60,170.59	\$48,200.00	\$48,200.00
86c	Aerial Crossing Complete (8" Wastewater Force Main, 31' to 50' Long) (Addendum No.1)	1	Lump Sum	\$46,000.00	\$46,000.00	\$49,895.52	\$49,895.52	\$63,000.00	\$63,000.00	\$67,160.47	\$67,160.47	\$51,200.00	\$51,200.00
87a	Aerial Crossing Complete (10" Wastewater Force Main, up to 20' Long) (Addendum No.1)	1	Lump Sum	\$44,000.00	\$44,000.00	\$49,082.17	\$49,082.17	\$52,000.00	\$52,000.00	\$57,881.53	\$57,881.53	\$50,300.00	\$50,300.00
87b	Aerial Crossing Complete (10" Wastewater Force Main, 21' to 30' Long) (Addendum No.1)	1	Lump Sum	\$46,500.00	\$46,500.00	\$51,909.69	\$51,909.69	\$57,000.00	\$57,000.00	\$64,757.51	\$64,757.51	\$53,200.00	\$53,200.00
87c	Aerial Crossing Complete (10" Wastewater Force Main, 31' to 50' Long) (Addendum No.1)	1	Lump Sum	\$51,000.00	\$51,000.00	\$55,770.41	\$55,770.41	\$65,000.00	\$65,000.00	\$72,592.14	\$72,592.14	\$57,200.00	\$57,200.00
88a	Aerial Crossing Complete (12" Wastewater Force Main, up to 20' Long) (Addendum No.1)	1	Lump Sum	\$45,000.00	\$45,000.00	\$50,103.31	\$50,103.31	\$54,000.00	\$54,000.00	\$58,782.68	\$58,782.68	\$51,300.00	\$51,300.00
88b	Aerial Crossing Complete (12" Wastewater Force Main, 21' to 30' Long) (Addendum No.1)	1	Lump Sum	\$47,000.00	\$47,000.00	\$52,417.68	\$52,417.68	\$59,000.00	\$59,000.00	\$65,215.41	\$65,215.41	\$53,750.00	\$53,750.00
88c	Aerial Crossing Complete (12" Wastewater Force Main, 31' to 50' Long) (Addendum No.1)	1	Lump Sum	\$51,000.00	\$51,000.00	\$57,139.40	\$57,139.40	\$69,000.00	\$69,000.00	\$73,847.43	\$73,847.43	\$58,600.00	\$58,600.00
89a	Aerial Crossing Complete (16" Wastewater Force Main, up to 20' Long) (Addendum No.1)	1	Lump Sum	\$80,000.00	\$80,000.00	\$87,582.19	\$87,582.19	\$99,000.00	\$99,000.00	\$106,820.57	\$106,820.57	\$89,100.00	\$89,100.00
89b	Aerial Crossing Complete (16" Wastewater Force Main, 21' to 30' Long) (Addendum No.1)	1	Lump Sum	\$63,000.00	\$63,000.00	\$72,577.13	\$72,577.13	\$68,000.00	\$68,000.00	\$83,705.22	\$83,705.22	\$74,200.00	\$74,200.00
89c	Aerial Crossing Complete (16" Wastewater Force Main, 31' to 50' Long) (Addendum No.1)	1	Lump Sum	\$68,000.00	\$68,000.00	\$77,570.93	\$77,570.93	\$77,000.00	\$77,000.00	\$92,589.88	\$92,589.88	\$79,400.00	\$79,400.00
90a	Aerial Crossing Complete (18" Wastewater Force Main, up to 20' Long) (Addendum No.1)	1	Lump Sum	\$61,000.00	\$61,000.00	\$72,198.29	\$72,198.29	\$70,000.00	\$70,000.00	\$79,071.40	\$79,071.40	\$73,800.00	\$73,800.00
90b	Aerial Crossing Complete (18" Wastewater Force Main, 21' to 30' Long) (Addendum No.1)	1	Lump Sum	\$65,000.00	\$65,000.00	\$81,336.37	\$81,336.37	\$77,000.00	\$77,000.00	\$103,075.87	\$103,075.87	\$83,200.00	\$83,200.00
90c	Aerial Crossing Complete (18" Wastewater Force Main, 31' to 50' Long) (Addendum No.1)	1	Lump Sum	\$75,000.00	\$75,000.00	\$92,688.95	\$92,688.95	\$93,000.00	\$93,000.00	\$106,576.22	\$106,576.22	\$94,980.00	\$94,980.00
91a	Aerial Crossing Complete (20" Wastewater Force Main, up to 20' Long) (Addendum No.1)	1	Lump Sum	\$68,000.00	\$68,000.00	\$72,782.63	\$72,782.63	\$72,000.00	\$72,000.00	\$79,586.82	\$79,586.82	\$80,430.00	\$80,430.00
91b	Aerial Crossing Complete (20" Wastewater Force Main, 21' to 30' Long) (Addendum No.1)	1	Lump Sum	\$73,000.00	\$73,000.00	\$84,046.80	\$84,046.80	\$78,000.00	\$78,000.00	\$88,963.21	\$88,963.21	\$86,000.00	\$86,000.00
91c	Aerial Crossing Complete (20" Wastewater Force Main, 31' to 50' Long) (Addendum No.1)	1	Lump Sum	\$80,000.00	\$80,000.00	\$93,270.98	\$93,270.98	\$92,000.00	\$92,000.00	\$101,768.24	\$101,768.24	\$95,500.00	\$95,500.00
92a	Aerial Crossings Complete (24" Wastewater Force Main, up to 20' Long) (Addendum No.1)	1	Lump Sum	\$79,000.00	\$79,000.00	\$90,771.21	\$90,771.21	\$81,000.00	\$81,000.00	\$90,362.20	\$90,362.20	\$92,300.00	\$92,300.00
92b	Aerial Crossings Complete (24" Wastewater Force Main, 21' to 30' Long) (Addendum No.1)	1	Lump Sum	\$84,000.00	\$84,000.00	\$98,190.74	\$98,190.74	\$89,000.00	\$89,000.00	\$101,494.64	\$101,494.64	\$100,000.00	\$100,000.00
92c	Aerial Crossings Complete (24" Wastewater Force Main, 31' to 50' Long) (Addendum No.1)	1	Lump Sum	\$90,000.00	\$90,000.00	\$110,143.71	\$110,143.71	\$105,000.00	\$105,000.00	\$116,828.28	\$116,828.28	\$112,200.00	\$112,200.00
193	Fire Hydrant Assembly with Valve & Anchor Tee Assembly (up to 54" burial)	30	Each	\$4,200.00	\$126,000.00	\$3,452.48	\$103,574.40	\$5,000.00	\$150,000.00	\$3,182.98	\$95,489.40	\$4,320.00	\$129,600.00
194	Fire Hydrant Assembly with 6" Gate Valve & 6" DIP (42" burial)	30	Each	\$4,000.00	\$120,000.00	\$3,391.65	\$101,749.50	\$4,000.00	\$120,000.00	\$3,126.59	\$93,797.70	\$4,000.00	\$120,000.00
195	Relocation of Existing Fire Hydrant	20	Each	\$1,200.00	\$24,000.00	\$665.27	\$13,305.40	\$2,000.00	\$40,000.00	\$543.70	\$10,874.00	\$750.00	\$15,000.00
196	Bollards for Fire Hydrant	20	Each	\$175.00	\$3,500.00	\$66.40	\$1,328.00	\$100.00	\$2,000.00	\$180.68	\$3,613.60	\$100.00	\$2,000.00
197	Sample Points W/Double Strap Saddle & Corp. Stop	20	Each	\$900.00	\$18,000.00	\$574.00	\$11,480.00	\$800.00	\$12,000.00	\$329.75	\$6,595.00	\$450.00	\$9,000.00
198	Sample Points on Fire Hydrants	20	Each	\$600.00	\$12,000.00	\$361.62	\$7,232.40	\$400.00	\$8,000.00	\$88.01	\$1,760.20	\$350.00	\$7,000.00
199	Sample Points on 2" Blowoffs	10	Each	\$600.00	\$6,000.00	\$361.62	\$3,616.20	\$600.00	\$6,000.00	\$104.55	\$1,045.50	\$350.00	\$3,500.00
200	2" Blowoff Piping Assembly with Box	10	Each	\$925.00	\$9,250.00	\$833.98	\$8,339.80	\$1,700.00	\$17,000.00	\$834.12	\$8,341.20	\$900.00	\$9,000.00
201	1" Air Release Valve W/Manhole for Water/Reclaimed Main	2	Each	\$6,500.00	\$13,000.00	\$6,265.21	\$12,530.42	\$7,000.00	\$14,000.00	\$5,613.96	\$11,227.92	\$6,060.00	\$12,120.00
202	1" Offset Air Release Valve W/Manhole for Water/Reclaimed Water Main	2	Each	\$7,000.00	\$14,000.00	\$6,050.35	\$12,100.70	\$8,000.00	\$16,000.00	\$6,063.09	\$12,126.18	\$6,060.00	\$12,120.00
203	2" Air Release Valve W/Manhole for Water/Reclaimed Main	2	Each	\$7,200.00	\$14,400.00	\$6,910.39	\$13,820.78	\$8,000.00	\$16,000.00	\$6,241.55	\$12,483.10	\$6,440.00	\$12,880.00
204	2" Offset Air Release Valve W/Manhole for Water/Reclaimed Water Main	2	Each	\$8,000.00	\$16,000.00	\$7,777.13	\$15,554.26	\$9,000.00	\$18,000.00	\$7,044.01	\$14,088.02	\$6,440.00	\$12,880.00
205	2" Air Release Valve W/Manhole for Wastewater Force Main	2	Each	\$9,000.00	\$18,000.00	\$7,755.31	\$15,510.62	\$12,000.00	\$24,000.00	\$6,955.56	\$13,911.18	\$6,440.00	\$12,880.00
206	Short Single 5/8" Meter Service (1" PVC) (up to 10' long)	25	Each	\$725.00	\$18,125.00	\$875.86	\$21,896.50	\$950.00	\$23,750.00	\$1,178.26	\$29,456.50	\$755.00	\$18,875.00
207	Short Single 5/8" Meter Service (1-1/2" PVC) (up to 10' long)	25	Each	\$900.00	\$22,500.00	\$1,097.95	\$27,448.75	\$1,000.00	\$25,000.00	\$1,364.08	\$34,602.00	\$1,060.00	\$26,500.00

BID TABULATION

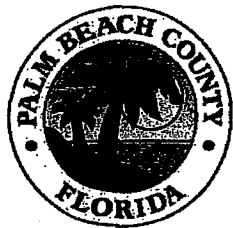
NO.	BID ITEM (Furnish and Install with Appurtenances)	QUANTITY	UNIT	UNIT PRICE	TOTAL	UNIT PRICE	TOTAL	UNIT PRICE	TOTAL	UNIT PRICE	TOTAL	UNIT PRICE	TOTAL	UNIT PRICE	TOTAL
208	Short Single 5/8" Meter Service (1" Polyethylene) (up to 10' long)	25	Each	\$540.00	\$13,500.00	\$718.76	\$17,969.00	\$800.00	\$20,000.00	\$1,022.05	\$25,551.25	\$678.00	\$16,950.00	\$1,068.00	\$26,700.00
209	Short Single 5/8" Meter Service (1-1/2" Polyethylene) (up to 10' long)	25	Each	\$675.00	\$16,875.00	\$683.16	\$22,079.00	\$1,000.00	\$25,000.00	\$1,185.02	\$29,625.50	\$852.00	\$21,300.00	\$1,068.00	\$26,700.00
210	Short Double 5/8" Meter Service (1" PVC) (up to 10' long)	25	Each	\$950.00	\$23,750.00	\$1,125.92	\$28,148.00	\$1,200.00	\$30,000.00	\$1,410.03	\$35,260.75	\$1,190.00	\$29,750.00	\$3,303.00	\$82,575.00
211	Short Double 5/8" Meter Service (1-1/2" PVC) (up to 10' long)	25	Each	\$1,100.00	\$27,500.00	\$1,274.99	\$31,874.75	\$1,300.00	\$32,500.00	\$1,648.19	\$38,704.75	\$1,337.00	\$33,425.00	\$3,303.00	\$82,575.00
212	Short Double 5/8" Meter Service (1" Polyethylene) (up to 10' long)	25	Each	\$800.00	\$20,000.00	\$962.25	\$24,056.25	\$1,000.00	\$25,000.00	\$1,258.33	\$31,458.25	\$1,030.00	\$25,750.00	\$3,303.00	\$82,575.00
213	Short Double 5/8" Meter Service (1-1/2" Polyethylene) (up to 10' long)	25	Each	\$875.00	\$21,875.00	\$1,022.52	\$25,563.00	\$1,000.00	\$25,000.00	\$1,313.59	\$32,839.75	\$1,088.00	\$27,200.00	\$3,303.00	\$82,575.00
214	Short Triple 5/8" Meter Service (2" PVC) (up to 10' long)	3	Each	\$1,700.00	\$5,100.00	\$1,926.01	\$5,778.03	\$2,000.00	\$6,000.00	\$2,108.15	\$6,324.45	\$1,780.00	\$5,340.00	\$2,411.00	\$7,233.00
215	Short Triple 5/8" Meter Service (2" Polyethylene) (up to 10' long)	3	Each	\$1,600.00	\$4,800.00	\$1,926.92	\$5,780.76	\$2,000.00	\$6,000.00	\$2,109.29	\$6,327.87	\$1,780.00	\$5,340.00	\$2,411.00	\$7,233.00
216	Short 4 - 5/8" Meter Service (2" PVC) (up to 10' long)	2	Each	\$2,000.00	\$4,000.00	\$1,848.58	\$3,697.16	\$2,100.00	\$4,200.00	\$2,321.04	\$4,642.08	\$2,360.00	\$4,720.00	\$2,777.00	\$5,554.00
217	Short 5 - 5/8" Meter Service (2" PVC) (up to 10' long)	2	Each	\$2,300.00	\$4,600.00	\$2,442.09	\$4,884.18	\$2,600.00	\$5,200.00	\$2,581.85	\$5,163.70	\$2,737.00	\$5,474.00	\$3,130.00	\$6,260.00
218	Short 6 - 5/8" Meter Service (2" PVC) (up to 10' long)	2	Each	\$2,500.00	\$5,000.00	\$2,612.00	\$5,224.00	\$2,800.00	\$5,600.00	\$2,738.35	\$5,476.70	\$3,000.00	\$6,000.00	\$2,858.00	\$5,712.00
219	Long Single 5/8" Meter Service (1" PVC with 3" Casing up to 40' long)	25	Each	\$975.00	\$24,375.00	\$1,023.56	\$25,589.00	\$1,200.00	\$30,000.00	\$1,985.08	\$49,127.00	\$1,245.00	\$31,125.00	\$1,235.00	\$30,875.00
220	Long Single 5/8" Meter Service (1-1/2" PVC with 3" Casing up to 40' long)	25	Each	\$1,100.00	\$27,500.00	\$1,212.32	\$30,308.00	\$1,500.00	\$37,500.00	\$2,182.19	\$54,554.75	\$1,476.00	\$36,900.00	\$1,235.00	\$30,875.00
221	Long Single 5/8" Meter Service (1" Polyethylene with 3" Casing up to 40' long)	25	Each	\$800.00	\$20,000.00	\$804.67	\$20,116.75	\$1,000.00	\$25,000.00	\$1,804.36	\$45,109.00	\$1,074.00	\$26,850.00	\$1,235.00	\$30,875.00
222	Long Single 5/8" Meter Service (1-1/2" Polyethylene with 3" Casing up to 40' long)	25	Each	\$950.00	\$23,750.00	\$997.54	\$24,938.50	\$1,200.00	\$30,000.00	\$1,983.13	\$49,578.25	\$1,284.00	\$31,800.00	\$1,235.00	\$30,875.00
223	Long Double 5/8" Meter Service (1-1/2" PVC with 3" Casing up to 40' long)	25	Each	\$1,300.00	\$32,500.00	\$1,389.38	\$34,734.50	\$1,700.00	\$42,500.00	\$2,346.29	\$58,657.25	\$1,750.00	\$43,750.00	\$2,212.00	\$55,300.00
224	Long Double 5/8" Meter Service (1-1/2" Polyethylene with 3" Casing up to 40' long)	25	Each	\$1,200.00	\$30,000.00	\$1,136.29	\$28,407.25	\$1,400.00	\$35,000.00	\$2,111.70	\$52,792.50	\$1,500.00	\$37,500.00	\$2,212.00	\$55,300.00
225	Long Triple 5/8" Meter Service (2" PVC with 4" Casing) (up to 40' long)	3	Each	\$2,200.00	\$6,600.00	\$2,169.39	\$6,508.17	\$2,500.00	\$7,500.00	\$3,025.82	\$9,077.46	\$2,573.00	\$7,719.00	\$2,635.00	\$7,905.00
226	Long Triple 5/8" Meter Service (2" Polyethylene with 4" Casing) (up to 40' long)	3	Each	\$2,000.00	\$6,000.00	\$2,039.42	\$6,118.26	\$2,400.00	\$7,200.00	\$2,905.14	\$8,715.42	\$2,445.00	\$7,335.00	\$2,635.00	\$7,905.00
227	Long 4 - 5/8" Meter Service (2" PVC with 4" Casing) (up to 40' long)	2	Each	\$2,400.00	\$4,800.00	\$2,373.21	\$4,746.42	\$2,700.00	\$5,400.00	\$3,162.01	\$6,324.02	\$2,820.00	\$5,640.00	\$3,000.00	\$6,000.00
228	Long 5 - 5/8" Meter Service (2" PVC with 4" Casing) (up to 40' long)	2	Each	\$2,600.00	\$5,200.00	\$2,654.47	\$5,308.94	\$3,200.00	\$6,400.00	\$3,422.81	\$6,845.62	\$3,200.00	\$6,400.00	\$3,355.00	\$6,710.00
229	Long 6 - 5/8" Meter Service (2" PVC with 4" Casing) (up to 40' long)	2	Each	\$2,800.00	\$5,600.00	\$2,823.23	\$5,646.46	\$3,300.00	\$6,600.00	\$3,579.31	\$7,158.62	\$3,470.00	\$6,940.00	\$3,080.00	\$6,160.00
230	Short 1" Meter Service (2" PVC) (up to 10' long)	10	Each	\$1,200.00	\$12,000.00	\$1,564.59	\$15,645.90	\$1,500.00	\$15,000.00	\$1,716.52	\$17,165.20	\$1,617.00	\$16,170.00	\$1,430.00	\$14,300.00
231	Short 1" Meter Service (2" Polyethylene) (up to 10' long)	10	Each	\$900.00	\$9,000.00	\$1,229.96	\$12,299.60	\$1,200.00	\$12,000.00	\$1,406.36	\$14,063.60	\$1,287.00	\$12,870.00	\$1,060.00	\$10,600.00
232	Long 1" Meter Service (2" PVC w/4" Casing) (up to 40' long)	10	Each	\$1,600.00	\$16,000.00	\$1,663.23	\$16,632.30	\$1,900.00	\$19,000.00	\$2,557.49	\$25,574.90	\$1,875.00	\$18,750.00	\$1,738.00	\$17,380.00
233	Long 1" Meter Service (2" Polyethylene w/4" Casing) (up to 40' long)	10	Each	\$1,300.00	\$13,000.00	\$1,362.69	\$13,626.90	\$1,600.00	\$16,000.00	\$2,278.91	\$22,789.10	\$1,580.00	\$15,800.00	\$1,405.00	\$14,050.00
234	Extra Long 5/8" Meter Service Line (1 1/2" PVC) (200 LF Max.)	250	L.F.	\$10.00	\$2,500.00	\$7.44	\$1,860.00	\$12.00	\$3,000.00	\$10.18	\$2,545.00	\$20.00	\$5,000.00	\$13.00	\$3,250.00
235	Extra Long 5/8" Meter Service Line (2" PVC) (200 LF Max.)	100	L.F.	\$12.00	\$1,200.00	\$7.43	\$743.00	\$13.00	\$1,300.00	\$10.23	\$1,023.00	\$21.00	\$2,100.00	\$13.00	\$1,300.00
236	Extra Long 5/8" Meter Service Line (1 1/2" PVC w/3" Casing) (200 LF Max.)	40	L.F.	\$15.00	\$600.00	\$33.20	\$1,328.00	\$20.00	\$800.00	\$11.98	\$479.20	\$50.00	\$2,000.00	\$14.00	\$560.00
237	Extra Long 5/8" Meter Service Line (2" PVC w/4" Casing) (200 LF Max.)	30	L.F.	\$18.00	\$540.00	\$33.69	\$1,010.70	\$21.00	\$630.00	\$13.05	\$391.50	\$80.00	\$1,800.00	\$16.00	\$480.00
238	Extra Long 5/8" Meter Service Line (1 1/2" Polyethylene) (200 LF Max.)	250	L.F.	\$10.00	\$2,500.00	\$7.44	\$1,860.00	\$12.00	\$3,000.00	\$10.18	\$2,545.00	\$20.00	\$5,000.00	\$13.00	\$3,250.00
239	Extra Long 5/8" Meter Service Line (2" Polyethylene) (200 LF Max.)	100	L.F.	\$12.00	\$1,200.00	\$8.28	\$828.00	\$13.00	\$1,300.00	\$11.02	\$1,102.00	\$21.00	\$2,100.00	\$14.00	\$1,400.00
240	Extra Long 5/8" Meter Service Line (1 1/2" Polyethylene w/3" Casing) (200 LF Max.)	40	L.F.	\$15.00	\$600.00	\$35.15	\$1,406.00	\$21.00	\$840.00	\$11.98	\$479.20	\$50.00	\$2,000.00	\$15.00	\$600.00
241	Extra Long 5/8" Meter Service Line (2" Polyethylene w/4" Casing) (200 LF Max.)	30	L.F.	\$18.00	\$540.00	\$38.11	\$1,143.30	\$23.00	\$690.00	\$13.84	\$415.20	\$60.00	\$1,800.00	\$17.00	\$510.00
242	Additional Cost to Wet Tap any Water Service 2" or less	2	Each	\$300.00	\$600.00	\$541.01	\$1,082.02	\$450.00	\$900.00	\$188.54	\$373.08	\$750.00	\$1,500.00	\$1,594.00	\$3,188.00
243	6" DIP X AC Pipe Adapter	2	Each	\$2,500.00	\$5,000.00	\$596.26	\$1,192.52	\$300.00	\$600.00	\$381.02	\$762.04	\$540.00	\$1,080.00	\$1,087.00	\$2,174.00
244	8" DIP X AC Pipe Adapter	2	Each	\$3,000.00	\$6,000.00	\$597.26	\$1,194.52	\$350.00	\$700.00	\$409.21	\$818.42	\$670.00	\$1,340.00	\$1,127.00	\$2,254.00
245	10" DIP X AC Pipe Adapter	2	Each	\$3,400.00	\$6,800.00	\$676.47	\$1,352.94	\$400.00	\$800.00	\$482.52	\$965.04	\$848.00	\$1,696.00	\$1,623.00	\$3,246.00
246	12" DIP X AC Pipe Adapter	2	Each	\$4,000.00	\$8,000.00	\$828.01	\$1,656.02	\$500.00	\$1,000.00	\$823.50	\$1,647.00	\$1,100.00	\$2,200.00	\$1,698.00	\$3,396.00
247	6" Asbestos Pipe Removal/Abatement (buried up to 60")	500	L.F.	\$13.00	\$6,500.00	\$18.94	\$9,470.00	\$22.00	\$11,000.00	\$93.27	\$46,635.00	\$20.00	\$10,000.00	\$28.00	\$14,000.00
248	8" Asbestos Pipe Removal/Abatement (buried up to 80")	500	L.F.	\$15.00	\$7,500.00	\$21.24	\$10,620.00	\$22.00	\$11,000.00	\$93.27	\$46,635.00	\$22.00	\$11,000.00	\$38.00	\$19,000.00
249	10" Asbestos Pipe Removal/Abatement (buried up to 80")	250	L.F.	\$20.00	\$5,000.00	\$25.83	\$6,457.50	\$22.00	\$5,500.00	\$93.27	\$23,317.50	\$24.00	\$6,000.00	\$47.00	\$11,750.00
250	12" Asbestos Pipe Removal/Abatement (buried up to 80")	250	L.F.	\$22.00	\$5,500.00	\$30.42	\$7,605.00	\$23.00	\$5,750.00	\$93.27	\$23,317.50	\$28.00	\$7,000.00	\$57.00	\$14,250.00

BID TABULATION

NO.	BID ITEM (Furnish and Install with Appurtenances)	QUANTITY	UNIT	UNIT PRICE	TOTAL	UNIT PRICE	TOTAL	UNIT PRICE	TOTAL	UNIT PRICE	TOTAL	UNIT PRICE	TOTAL	UNIT PRICE	TOTAL
251	Asbestos Pipe Abatement for 6" Cut-In Tee	20	L.F.	\$40.00	\$800.00	\$86.45	\$1,329.00	\$800.00	\$16,000.00	\$93.27	\$1,865.40	\$40.00	\$800.00	\$48.00	\$960.00
252	Asbestos Pipe Abatement for 8" Cut-In Tee	20	L.F.	\$45.00	\$900.00	\$83.87	\$1,673.40	\$800.00	\$16,000.00	\$93.27	\$1,865.40	\$44.00	\$880.00	\$55.00	\$1,100.00
253	Asbestos Pipe Abatement for 10" Cut-In Tee	20	L.F.	\$80.00	\$1,200.00	\$106.83	\$2,132.60	\$800.00	\$16,000.00	\$93.27	\$1,865.40	\$50.00	\$1,000.00	\$61.00	\$1,220.00
254	Asbestos Pipe Abatement for 12" Cut-In Tee	20	L.F.	\$80.00	\$1,600.00	\$123.85	\$2,477.00	\$800.00	\$16,000.00	\$93.27	\$1,865.40	\$54.00	\$1,080.00	\$67.00	\$1,340.00
255	4" to 12" Diameter Connection to Existing Water Main/Reclaimed Water Main or Force Main (Joint Restraint for existing pipe to be Included)	20	Each	\$2,500.00	\$50,000.00	\$1,334.55	\$26,691.00	\$5,000.00	\$100,000.00	\$1,507.78	\$30,155.60	\$2,500.00	\$50,000.00	\$2,835.00	\$56,700.00
256	18" to 20" Diameter Connection to Existing Water Main/Reclaimed Water Main or Force Main (Joint Restraint for existing pipe to be Included)	5	Each	\$6,000.00	\$30,000.00	\$2,912.48	\$14,562.40	\$6,000.00	\$30,000.00	\$1,942.98	\$9,714.80	\$4,500.00	\$22,500.00	\$5,225.00	\$26,125.00
257	24" to 30" Diameter Connection to Existing Water Main/Reclaimed Water Main or Force Main (Joint Restraint for existing pipe to be Included)	2	Each	\$8,000.00	\$16,000.00	\$4,879.00	\$9,758.00	\$6,000.00	\$12,000.00	\$2,428.02	\$4,856.04	\$7,500.00	\$15,000.00	\$5,230.00	\$10,460.00
258	Poly-Wrap 4"-8" Pipe	10,000	L.F.	\$0.55	\$5,500.00	\$0.87	\$8,700.00	\$0.50	\$5,000.00	\$6.39	\$63,900.00	\$1.00	\$10,000.00	\$4.00	\$40,000.00
259	Poly-Wrap 10"-16" Pipe	5,000	L.F.	\$0.70	\$3,500.00	\$1.04	\$5,200.00	\$0.80	\$4,000.00	\$6.56	\$32,800.00	\$2.00	\$10,000.00	\$4.00	\$20,000.00
260	Poly-Wrap 18"-24" Pipe	2,000	L.F.	\$1.30	\$2,600.00	\$1.72	\$3,440.00	\$1.50	\$3,000.00	\$8.01	\$16,020.00	\$3.00	\$6,000.00	\$6.00	\$12,000.00
261	Grouting/Deactivation of Existing 4" Pipe	100	L.F.	\$12.00	\$1,200.00	\$14.49	\$1,449.00	\$7.00	\$700.00	\$6.66	\$666.00	\$5.00	\$500.00	\$11.00	\$1,100.00
262	Grouting/Deactivation of Existing 6" Pipe	100	L.F.	\$15.00	\$1,500.00	\$15.35	\$1,535.00	\$9.00	\$900.00	\$6.66	\$666.00	\$6.00	\$600.00	\$12.00	\$1,200.00
263	Grouting/Deactivation of Existing 8" Pipe	200	L.F.	\$18.00	\$3,200.00	\$13.57	\$2,714.00	\$9.00	\$1,800.00	\$6.66	\$1,332.00	\$8.00	\$1,600.00	\$12.00	\$2,400.00
264	Grouting/Deactivation of Existing 12" Pipe	200	L.F.	\$18.00	\$3,600.00	\$14.03	\$2,806.00	\$12.00	\$2,400.00	\$6.66	\$1,332.00	\$12.00	\$2,400.00	\$14.00	\$2,800.00
265	Removal of Existing 4" PVC/CIP/DIP/PCCP Pipe (buried up to 60")	500	L.F.	\$10.00	\$5,000.00	\$7.60	\$3,800.00	\$10.00	\$5,000.00	\$10.36	\$5,180.00	\$10.00	\$5,000.00	\$5.00	\$2,500.00
266	Removal of Existing 6" PVC/CIP/DIP/PCCP Pipe (buried up to 60")	500	L.F.	\$10.00	\$5,000.00	\$8.83	\$4,415.00	\$10.00	\$5,000.00	\$10.36	\$5,180.00	\$10.00	\$5,000.00	\$5.00	\$2,500.00
267	Removal of Existing 8" PVC/CIP/DIP/PCCP Pipe (buried up to 60")	500	L.F.	\$12.00	\$6,000.00	\$10.35	\$5,175.00	\$12.00	\$6,000.00	\$10.36	\$5,180.00	\$10.00	\$5,000.00	\$5.00	\$2,500.00
268	Removal of Existing 10" PVC/CIP/DIP/PCCP Pipe (buried up to 60")	250	L.F.	\$15.00	\$3,750.00	\$11.71	\$2,927.50	\$12.00	\$3,000.00	\$10.97	\$2,742.50	\$10.00	\$2,500.00	\$5.00	\$1,250.00
269	Removal of Existing 12" PVC/CIP/DIP/PCCP Pipe (buried up to 60")	250	L.F.	\$15.00	\$3,750.00	\$12.92	\$3,230.00	\$12.00	\$3,000.00	\$11.67	\$2,917.50	\$10.00	\$2,500.00	\$5.00	\$1,250.00
270	Milling of Asphalt (Minimum 220 Sq. Yd. per mobilization - 1.5" thick)	500	Sq. Yd.	\$20.00	\$10,000.00	\$9.76	\$4,880.00	\$12.00	\$6,000.00	\$9.50	\$4,750.00	\$5.00	\$2,500.00	\$17.00	\$8,500.00
271	Asphalt Overlay, Type S-III (20 to 160 tons per work area)	150	Tons	\$280.00	\$42,000.00	\$132.02	\$19,803.00	\$200.00	\$30,000.00	\$152.00	\$22,800.00	\$125.00	\$18,750.00	\$245.00	\$36,750.00
272	Asphalt Roadway Removal and Restoration (2.5" thick)	300	Sq. Yd.	\$60.00	\$18,000.00	\$40.64	\$12,192.00	\$50.00	\$15,000.00	\$35.15	\$10,545.00	\$20.00	\$6,000.00	\$38.00	\$11,400.00
273	Asphalt Driveway Removal and Restoration (1.5" thick)	2,000	Sq. Yd.	\$45.00	\$90,000.00	\$32.25	\$64,500.00	\$32.00	\$64,000.00	\$30.40	\$60,800.00	\$18.00	\$36,000.00	\$38.00	\$76,000.00
274	Concrete Driveway Removal and Restoration	1,000	Sq. Yd.	\$55.00	\$55,000.00	\$44.08	\$44,080.00	\$46.00	\$46,000.00	\$38.30	\$38,300.00	\$45.00	\$45,000.00	\$25.00	\$25,000.00
275	Stamped Concrete Driveway Removal and Restoration	500	Sq. Yd.	\$70.00	\$35,000.00	\$72.21	\$36,105.00	\$76.00	\$38,000.00	\$67.03	\$33,515.00	\$60.00	\$30,000.00	\$81.00	\$40,500.00
276	Concrete Paver Brick Driveway Removal and Restoration	500	Sq. Yd.	\$75.00	\$37,500.00	\$65.32	\$32,660.00	\$69.00	\$34,500.00	\$67.03	\$33,515.00	\$65.00	\$32,500.00	\$73.00	\$36,500.00
277	Painted Concrete Driveway Removal and Restoration	250	Sq. Yd.	\$60.00	\$15,000.00	\$50.97	\$12,742.50	\$54.00	\$13,500.00	\$57.46	\$14,365.00	\$65.00	\$16,250.00	\$40.00	\$10,000.00
278	Lime Rock Driveway or Roadway Removal and Restoration	1,500	Tons	\$19.00	\$28,500.00	\$11.86	\$17,790.00	\$45.00	\$67,500.00	\$28.50	\$42,750.00	\$40.00	\$60,000.00	\$30.00	\$45,000.00
279	Asphalt Sidewalk Removal & Restoration	600	Sq. Yd.	\$43.00	\$25,800.00	\$22.10	\$13,260.00	\$30.00	\$18,000.00	\$30.40	\$18,240.00	\$15.00	\$9,000.00	\$34.00	\$20,400.00
280	Concrete Sidewalk Removal & Restoration	600	Sq. Yd.	\$45.00	\$27,000.00	\$34.33	\$20,598.00	\$35.00	\$21,000.00	\$36.30	\$22,980.00	\$40.00	\$24,000.00	\$39.00	\$23,400.00
281	Concrete Curb & Gutter Removal & Restoration	125	L.F.	\$40.00	\$5,000.00	\$27.44	\$3,430.00	\$28.00	\$3,500.00	\$26.50	\$3,325.00	\$30.00	\$3,750.00	\$27.00	\$3,375.00
282	Concrete Flush Header Curb Removal & Restoration	30	L.F.	\$40.00	\$1,200.00	\$27.44	\$823.20	\$28.00	\$840.00	\$26.80	\$798.00	\$30.00	\$900.00	\$27.00	\$810.00
283	Floritam Sod	25,000	Sq. Yd.	\$5.00	\$125,000.00	\$2.38	\$59,500.00	\$4.00	\$100,000.00	\$3.49	\$87,250.00	\$3.00	\$75,000.00	\$3.00	\$75,000.00
284	Bahia Sod	12,000	Sq. Yd.	\$4.00	\$48,000.00	\$1.65	\$19,800.00	\$3.50	\$42,000.00	\$2.84	\$31,680.00	\$2.00	\$24,000.00	\$2.00	\$24,000.00
285	Root Barrier	500	L.F.	\$16.00	\$8,000.00	\$5.74	\$2,870.00	\$15.00	\$7,500.00	\$14.25	\$7,125.00	\$10.00	\$5,000.00	\$9.00	\$4,500.00
286	Remove and Reinstall Trees up to 4" diameter or Palm Trees up to 12" diameter	30	Each	\$180.00	\$5,400.00	\$287.00	\$8,610.00	\$400.00	\$12,000.00	\$475.00	\$14,250.00	\$300.00	\$9,000.00	\$301.00	\$9,030.00
287	Record Drawing	47,175	L.F.	\$2.00	\$94,350.00	\$1.32	\$62,271.00	\$1.00	\$47,175.00	\$1.49	\$70,290.75	\$1.00	\$47,175.00	\$1.75	\$82,556.25
288	Construction Survey	47,175	L.F.	\$2.00	\$94,350.00	\$1.21	\$57,081.75	\$2.00	\$94,350.00	\$1.49	\$70,290.75	\$1.00	\$47,175.00	\$1.75	\$82,556.25
289	Preconstruction Video Taping	47,175	L.F.	\$0.40	\$18,870.00	\$0.46	\$21,700.50	\$1.00	\$47,175.00	\$0.43	\$20,285.25	\$0.25	\$11,793.75	\$0.50	\$23,587.50
290	Mail Box Removal and Reinstallation	125	Each	\$130.00	\$16,250.00	\$97.58	\$12,197.50	\$55.00	\$6,875.00	\$82.18	\$7,772.50	\$50.00	\$6,250.00	\$187.00	\$23,375.00
291	Maintenance of Traffic Residential Street	25,000	L.F.	\$1.00	\$25,000.00	\$0.20	\$5,000.00	\$3.00	\$75,000.00	\$2.85	\$71,250.00	\$1.00	\$25,000.00	\$2.00	\$50,000.00
292	Maintenance of Traffic Arterial Roadway	3,000	L.F.	\$2.00	\$6,000.00	\$0.86	\$2,580.00	\$5.00	\$15,000.00	\$5.70	\$17,100.00	\$3.00	\$9,000.00	\$4.00	\$12,000.00
293	Maintenance of FDOT Roadway	5,000	L.F.	\$3.50	\$17,500.00	\$0.63	\$3,150.00	\$15.00	\$75,000.00	\$11.40	\$57,000.00	\$5.00	\$25,000.00	\$5.00	\$25,000.00

BID TABULATION

NO.	BID ITEM (Furnish and Install with Appurtenances)	QUANTITY	UNIT	UNIT PRICE	TOTAL	UNIT PRICE	TOTAL	UNIT PRICE	TOTAL	UNIT PRICE	TOTAL	UNIT PRICE	TOTAL	UNIT PRICE	TOTAL
294	Density Tests	250	Each	\$30.00	\$7,500.00	\$20.66	\$5,165.00	\$80.00	\$15,000.00	\$76.00	\$19,000.00	\$55.00	\$13,750.00	\$28.00	\$7,000.00
295	Proctor Tests	50	Each	\$100.00	\$5,000.00	\$91.84	\$4,592.00	\$150.00	\$7,500.00	\$209.00	\$10,450.00	\$175.00	\$8,750.00	\$117.00	\$5,850.00
296	Concrete 12"x6" Cylinder Tests	10	Each	\$80.00	\$800.00	\$229.60	\$2,296.00	\$250.00	\$2,500.00	\$114.00	\$1,140.00	\$50.00	\$500.00	\$117.00	\$1,170.00
297	Additional Pipe Crew Hours for installation greater than 60" cover	100	Each	\$400.00	\$40,000.00	\$405.31	\$40,531.00	\$700.00	\$70,000.00	\$582.95	\$58,295.00	\$1,000.00	\$100,000.00	\$690.00	\$69,000.00
298	Additional work not included in Bid Items (Allowance)	1	Lump Sum	\$50,000.00	\$50,000.00	\$50,000.00	\$50,000.00	\$50,000.00	\$50,000.00	\$50,000.00	\$50,000.00	\$50,000.00	\$50,000.00	\$50,000.00	\$50,000.00
299	Demucking with Imported Clean Fill	5,000	Cu. Yd.	\$15.00	\$75,000.00	\$10.44	\$52,200.00	\$20.00	\$100,000.00	\$28.50	\$142,500.00	\$15.00	\$75,000.00	\$28.00	\$140,000.00
300	Installation of Geotextile in Demucked Open Trench (Addendum No.1)	10,000	Sq. Ft.	\$0.25	\$2,500.00	\$1.54	\$15,400.00	\$5.00	\$50,000.00	\$11.77	\$117,700.00	\$0.25	\$2,500.00	\$5.00	\$50,000.00
	TOTAL BID PRICE				\$8,339,350.00		\$8,521,496.03		\$9,770,524.94		\$9,956,512.74		\$10,124,603.26		\$11,662,329.51
	ADDENDUM NO.1				YES		YES		YES		YES		YES		YES
	ADDENDUM NO.2				YES		YES		YES		YES		YES		YES
	ADDENDUM NO.3				YES		YES		YES		YES		YES		YES
	ADDENDUM NO.4				YES		YES		YES		YES		YES		YES



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**

- Steven L. Abrams, Mayor
- Priscilla A. Taylor, Vice Mayor
- Hal R. Valeche
- Paulette Burdick
- Shelley Vana
- Mary Lou Berger
- Jess R. Santamaria

County Administrator

Robert Weisman

"An Equal Opportunity
 Affirmative Action Employer"

printed on recycled paper

DATE: March 18, 2013

TO: Dimitrios J. Scarlatos, Project Coordinator II
WUD Engineering Division

THROUGH: Tonya Davis Johnson, Director
 Office of Small Business Assistance

FROM: Patricia Weisman, Small Business Development
 Specialist II

SUBJECT: Compliance Review on Project No. WUD 13-020
Pipeline Continuing Construction Contract

The following is a Compliance Review of SBE participation on the above-mentioned project.

Low Bidder: Johnson-Davis, Inc.
 604 Hillbrath Dr.
 Lantana, FL 33462

Phone: 561-588-1170

Bid Opening: February 20, 2013

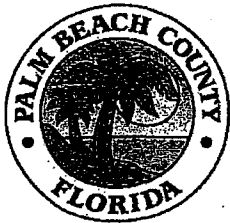
Bid Amount: \$8,339,350.00

Goal: 15% Overall

Goal Achieved: 20.96%

SBE Participation:

(SB) Rangeline Tapping Sv, Inc.	\$ 81,220.00	0.97	%
(Bl) Odum's Sod, Inc.	\$ 76,275.00	0.92	%
(SB) Michael B. Schorah & Assoc.	\$ 67,390.40	0.81	%
(SB) Caulfield & Wheeler, Inc.	\$ 52,229.00	0.63	%
(SB) Drawdy Constr. Co., Inc.	\$1,015,000.00	12.17	%
(SB) Wakefield Road Boring, Inc.	\$ 317,900.00	3.81	%
(SB) Pipecon Corp.	\$ 129,500.00	1.55	%
* (SB) Nutting Engineers	\$ 9,000.00	.10	%
* (WB) Pathway Enterprises	\$ 0		%
	\$1,748,514.40	20.96	



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2nd Low Bidder: Centerline Utilities, Inc.
2180 S.W. Poma Drive
Palm City, FL 34990
Phone: 561-689-3917
Bid Amount: \$8,521,496.03
Goal: 15% Overall
Goal Achieved: 16.56 %

SBE Participation:

(WB) Bird's Eye	\$	18,752.06	0.22%
(SB) Drawdy Construction	\$	1,015,000.00	11.91%
(SB) Pipecon Corp	\$	378,050.00	4.43%

\$ 1,411,802.06 16.56. %

3rd Low Bidder: Ric-Man International, Inc.
2601 Wiles Road
Pompano Beach, Fl. 33073
Phone: 954-426-1042
Bid Amount: \$9,778,879.94
Goal: 15% Overall
Goal Achieved: 15.02 %

SBE Participation:

(SB) Palmwood Corp.	\$	1,237,000.00	12.65%
(AS) E & N Construction	\$	42,500.00	0.43 %
(BL) O. C. Unlimited, Inc.	\$	61,518.00	0.63 %
(SB) Agricultural Land Svcs.	\$	30,200.00	0.31 %
(WB) Bird's Eye	\$	18,752.06	0.19 %
(SB) Rangeline Tapping Sv, Inc.	\$	79,500.00	0.81 %

\$ 1,469,470.06 15.02%



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EVALUATION:

The Low Bidder, Johnson Davis, Inc. has met the SBE requirement for this project.

* Nutting Engineers not certified for Video Taping \$5,661.00 deducted.

* Pathway Enterprises was not certified at bid opening.

c: Allen Gray, Manager OSBA
Tammy Fields, Sr. Assistant County Attorney

WUD 13-020 Pipeline Continuing Construction Contract 2013

Bid Review Comments

List of Minor/Major Irregularities

The low four (4) out of the six (6) bids received for the Pipeline Continuing Construction Contract 2013 have been reviewed. The errors, omissions or irregularities found in the four (4) low bids have been noted below.

Johnson-Davis, Inc.

1. SBE Subcontractors Drawdy Construction Company, Inc. and Wakefield Road Boring, Inc. were incorrectly listed on Attachment No.4 (Bid Form-23). Bid Form-23 is for Non-SBE-M/WBE Subcontractors only.

Centerline Utilities, Inc.

1. There is a dollar amount discrepancy (of 6 cents) between the SBE Schedule 1 (Bid Form-18) and SBE Schedules 2 (Bid Form-19 & 20) for the SBE Subcontractor Bird's Eye View.

2. Contractor did not submit a valid business tax receipt with bid submittal.

3. There were minor computational errors on the Schedule of Bid Prices (Bid Form-7). Total bid amount had to be adjusted as per unit price listed.

4. SBE Subcontractor Caulfield & Wheeler, Inc. was incorrectly listed on Attachment No.4 (Bid Form-23). Bid Form-23 is for Non-SBE-M/WBE Subcontractors only.

Ric-Man International, Inc.

1. There were minor computational errors on the Schedule of Bid Prices (Bid Form-8 and 13). Total bid amount had to be adjusted as per unit price listed.

2. Corrected dollar amount for SBE subcontractor Palmwood Corporation, Inc. on Schedules 2 (Bid Form-19 & 20) was not initialed by Contractor.

3. SBE Subcontractor Palmwood Corporation, Inc. was incorrectly listed on Attachment No.4 (Bid Form-23). Bid Form-23 is for Non-SBE-M/WBE Subcontractors only.

AKA Services, Inc.

1. There is a dollar amount discrepancy (of 6 cents) between the SBE Schedule 1 (Bid Form-18) and SBE Schedules 2 (Bid Form-19 & 20) for the SBE Subcontractor Bird's Eye View.
2. The total Bid Price on SBE Schedule 1 (Bid Form-18) doesn't match Bid Price on Bid Form-2.
3. Total Bid Price was not written numerically on Bid Form-2.
4. There were minor computational errors on the Schedule of Bid Prices (Bid Form-6 thru 10 and 12 thru 14). Total bid amount had to be adjusted as per unit price listed.
5. SBE Subcontractors Agricultural Land Services, Inc., Palmwood Corporation, Inc, Statewide Grading, Wm. D. Adeimy Jr., Inc. were incorrectly listed on Attachment No.4 (Bid Form-23). Bid Form-23 is for Non-SBE-M/WBE Subcontractors only.
6. As of March 6, 2013 the Contractor's Insurance Certificate has expired according to County records.