SUBJECT: STORM SEWER REPLACEMENT AND NEW CONSTRUCTION- NORTH AND SOUTH

BID #: CP-0570-19 **OPEN DATE:** 2018-10-31

GENERAL GOVERNMENT AWARDS COMMITTEE

KIND AND BASIS OF CONTRACT: CONSTRUCTION PARTICIPATION- SERVICE- DATE OF AWARD THROUGH SEPTEMBER 30, 2019 WITH TWO (2) ONE (1) YEAR RENEWAL OPTIONS

AGENCY: ROW/STORMWATER MAINTENANCE

BASIS OF AWARD: TOTAL BASE BID LOWEST RESPONSIVE, RESPONSIBLE BIDDER

NUMBER OF BIDS INVITED: (8) **NUMBER RECEIVED**: (2) **OTHER** (0)

SUMMARY OF BIDS AND RECOMMENDED ACTIONS:
Recommend approval of award to Callaway Contracting, Inc., as the lowest responsive, responsible bidder for both Areas (North and South) in the amount of $2,000,000.00 for each area. Period of service will be from date of award through September 30, 2019, with three (3) one (1) year renewal options. JEA may award separate contracts to cover various JEA items that are encountered during the repair and replacement of COJ storm drainage facilities.

This award is to be funded by account(s): PWGM462SW-06505-PW0072-01; PWGM461SW-03410 to be executed by individual Purchase Order releases.

Attachments: Recommendation Memo, Bid Tabulation Sheet, JSEB Letter, Basis of Award, Scope of Work

ANALYST: Marilyn Laidler
MARILYN LAIDLER

RESPECTFULLY SUBMITTED _____
GREGORY PEASE, CHIEF
PROCUREMENT DIVISION

CONCURRENCE BY: Steven D. Long, Jr., P.E., Chief, Right of Way and Stormwater Maintenance Division

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(ALL AWARD ACTIONS SUBJECT TO LAWFULLY APPROPRIATED FUNDS)
ACTION OF GGAC COMMITTEE ON RECOMMENDATIONS ABOVE

MEMBERS APPROVING _____ MEMBERS DISAPPROVING _____ DATE: _____

_____ _____ OTHER: _____

_____ _____

_____ _____

ACTION OF AWARDING AUTHORITY DATE _____

APPROVED _____ DISAPPROVED _____

OTHER _____

SIGNATURE OF AUTHENTICATION _____

City of Jacksonville, Florida

Lenny Curry, Mayor

Department of Public Works
Right of Way & Stormwater Maintenance Division
609 St. Johns Bluff Road
Jacksonville, FL 32225
(904) 472-2900
www.coj.net

ONE CITY ONE JACKSONVILLE

December 2, 2018

MEMORANDUM

TO: Greg Pease, Chief,
Procurement Division

THRU: John P. Pappas, Jr. P.E., Director of Public Works

FROM: Steven D. Long Jr., P.E. Chief
Right of Way and Stormwater Maintenance Division

RE: **RECOMMENDATION TO AWARD**
Storm Sewer Replacement and New Construction- North and South
BID No.: CP-0570-19
Received Date: October 31, 2018

Please be advised that the Right of Way and Stormwater Maintenance Division of the Department of Public Works has reviewed bids on the above-referenced bid, and determined that Callaway Contracting, Inc., 10950 New Berlin Rd., Jacksonville, Fl. 32226, submitted the lowest qualified responsive bids for both the North Area and South Area. There were a total of two bidders for both areas.

In accordance with the Bid Specifications Section 3, Paragraph B, We therefore recommend Bid #CP-0570-19 Storm Sewer Replacement and New Construction- North and South, both areas be awarded to Callaway Contracting, Inc., the lowest conforming bidder for both the North and South Area in accordance with the attached bid documents in the amount of $2,000,000.00 for each area. The period of service will begin on the contract date and end September 30, 2019 with three (3) optional one (1) year renewals as specified in Section 3 Paragraph F of the Bid Specifications.

Work will be issued by individual purchase orders and funding should be encumbered from Right of Way and Stormwater Maintenance Division account PWGM462SW-06505-PW0072-01 and PWGM461SW-03410. Funding is subject to appropriation by the City of Jacksonville during fiscal year starting October 1, 2018.

If you require any additional information, you may contact Robert Young at 255-4294.

SL. ry

cc Dan Pearson, Procurement
Marleen Doran, Procurement
Robert Young, RoWSM
Tommy Duggan, RoWSM

a6

**MANDATORY PRE BID JULY 8 2015 @ 2:00 PM

TITLE: STORM SEWER REPLACEMENT AND NEW CONSTRUCTION

BID NO.: CP-0570-19 SCHEDULE A-NORTH

OPEN DATE: OCTOBER 31, 2018 @ 2:00 PM

BUYER: MARLEEN DORAN

COJ NORTH

No. Invited: (0) No. Received (2) No Bids: (0)

ITEM NO.	DESCRIPTION	UNIT	QUAN.	Jet Utilities Management, Inc.		Cullaway Contracting, Inc.	
				UNIT PRICE	EXTENDED PRICE	UNIT PRICE	EXTENDED PRICE
A1	SITE PREPARATION ( ) Percent of Total work performed not including Mobilization, Site Prep, M.O.T. and Mobilization	%	1	$478,594.18	$478,594.18	$296,840.55	$296,840.55
A2	MOBILIZATION (15" TO 24" PIPE OR EQUIVALENT)	EA	14	$5,800.00	$82,000.00	$1,750.00	$24,500.00
A3	MOBILIZATION (30" TO 42" PIPE OR EQUIVALENT)	EA	14	$8,100.00	$113,400.00	$2,600.00	$36,400.00
A4	MOBILIZATION (54" TO 60" PIPE OR EQUIVALENT)	EA	6	$11,250.00	$69,900.00	$3,350.00	$20,100.00
A5	MOBILIZATION (66" TO 72" PIPE OR EQUIVALENT)	EA	8	$19,850.00	$117,900.00	$5,025.00	$30,150.00
A6	MOBILIZATION (BOX CULVERT)	EA	2	$29,500.00	$57,000.00	$5,075.00	$10,150.00
A7	MOBILIZATION (ROADWAY AND RIGHT OF WAY)	EA	5	$2,490.00	$12,450.00	$2,000.00	$10,000.00
A8	MOBILIZATION (ASPHALTIC CONCRETE MILLING >50 sq. yds.)	EA	5	$1,600.00	$8,000.00	$1,100.00	$5,500.00
A9	MOBILIZATION (ASPHALTIC CONCRETE PAVING)	EA	5	$1,600.00	$8,000.00	$3,200.00	$16,000.00
A10	MAINTENANCE OF TRAFFIC (TWO LANE, 2 WAY TRAFFIC)	EA	15	$1,990.00	$29,850.00	$2,000.00	$30,000.00
A11	MAINTENANCE OF TRAFFIC (MULTI LANE 1-WAY TRAFFIC)	EA	4	$2,670.00	$10,680.00	$2,400.00	$9,600.00
A12	MAINTENANCE OF TRAFFIC (MULTI LANE, 2 WAY TRAFFIC)	EA	1	$2,990.00	$2,990.00	$2,500.00	$2,500.00
A13	MAINTENANCE OF TRAFFIC (CLOSURE)	EA	15	$3,612.00	$54,180.00	$1,050.00	$15,750.00
A14	MESSAGE BOARD	DY	100	$85.00	$8,500.00	$18.00	$1,800.00
A15	15" R.C.P.	LF	100	$54.00	$5,400.00	$51.00	$5,100.00
A16	18" R.C.P.	LF	134	$59.00	$7,906.00	$60.00	$8,040.00
A17	24" R.C.P.	LF	134	$68.00	$9,112.00	$83.00	$11,122.00
A18	30" R.C.P.	LF	134	$76.00	$10,184.00	$128.00	$17,152.00
A19	36" R.C.P.	LF	134	$96.00	$12,864.00	$157.00	$21,038.00
A20	42" R.C.P.	LF	34	$112.00	$3,808.00	$187.00	$6,358.00

A21	48" RCP	LF	134	$140.00	$18,760.00	$259.00	$34,706.00
TITLE: STORMWATER SEWER AND NEW CONSTRUCTION BID NO.: CP-0570-19							
A22	54" RCP	LF	68	$182.00	$13,054.00	$309.00	$21,012.00
A23	60" RCP	LF	68	$235.00	$15,980.00	$391.00	$26,588.00
A24	66" RCP	LF	34	$267.00	$9,078.00	$537.00	$18,258.00
A25	72 RCP	LF	68	$313.00	$21,284.00	$608.00	$41,344.00
A26	12 X 18" ERCP	LF	300	$69.00	$20,700.00	$58.00	$17,400.00
A27	14 X 23" ERCP	LF	134	$71.00	$9,514.00	$65.00	$8,710.00
A28	19 X 30" ERCP	LF	134	$83.00	$11,122.00	$88.00	$11,792.00
A29	24 X 38" ERCP	LF	134	$97.00	$12,998.00	$140.00	$18,760.00
A30	29 X 45" ERCP	LF	134	$139.00	$18,626.00	$193.00	$25,862.00
A31	34 X 53" ERCP	LF	68	$173.00	$11,764.00	$262.00	$17,816.00
A32	38 X 60" ERCP	LF	68	$221.00	$15,028.00	$342.00	$23,256.00
A33	43 X 68" ERCP	LF	34	$280.00	$9,520.00	$432.00	$13,688.00
A34	48 X 76" ERCP	LF	34	$340.00	$11,560.00	$463.00	$15,742.00
A35	53 X 83" ERCP	LF	34	$460.00	$15,640.00	$681.00	$23,256.00
A36	58 X 91" ERCP	LF	34	$590.00	$20,060.00	$667.00	$23,258.00
A37	15" CMP	LF	300	$51.00	$15,300.00	$40.00	$12,000.00
A38	18" CMP	LF	134	$60.00	$8,040.00	$49.00	$6,164.00
A39	24" CMP	LF	134	$63.00	$8,442.00	$66.00	$8,844.00
A40	30" CMP	LF	134	$71.00	$9,514.00	$95.00	$12,730.00
A41	36" CMP	LF	134	$77.00	$10,318.00	$107.00	$14,338.00
A42	42" CMP	LF	34	$88.00	$2,992.00	$136.00	$4,624.00
A43	48" CMP	LF	134	$106.00	$14,204.00	$203.00	$27,202.00
A44	54" CMP	LF	68	$149.00	$9,588.00	$263.00	$19,043.00
A45	60" CMP	LF	68	$190.00	$12,920.00	$373.00	$25,364.00
A46	66" CMP	LF	34	$270.00	$9,180.00	$479.00	$16,286.00
A47	72" CMP	LF	68	$310.00	$21,080.00	$682.00	$46,016.00
A48	13" X 17" CMPA	LF	300	$42.00	$12,600.00	$45.00	$13,500.00
A49	15" X 21" CMPA	LF	134	$70.00	$9,380.00	$50.00	$6,700.00
A50	20" X 28" CMPA	LF	134	$77.00	$10,318.00	$62.00	$8,308.00
A51	24" X 36" CMPA	LF	134	$81.00	$10,854.00	$103.00	$13,802.00
A52	29" X 42" CMPA	LF	134	$96.00	$12,864.00	$114.00	$15,276.00
A53	33" X 49" CMPA	LF	34	$125.00	$4,250.00	$165.00	$5,610.00

A54	38" X 57" C M P A	LF	134	$199 00	$27 646 00	$221 00	$29 614 00
TITLE: STORMWATER SEWER AND NEW CONSTRUCTION BID NO.: CP-0870-19							
A55	43" X 68" C M P A	LF	68	$249 00	$16 932 00	$306 00	$20 808 00
A56	47" X 71" C M P A	LF	34	$292 00	$9 928 00	$408 00	$13 608 00
A57	52" X 77" C M P A	LF	34	$319 00	$10 846 00	$521 00	$17 714 00
A58	57" X 82" C M P A	LF	34	$395 00	$13 430 00	$720 00	$24 480 00
A59	15" P P HP STORM PIPE	LF	300	$45 00	$13 500 00	$36 00	$10 800 00
A60	18" P P HP STORM PIPE	LF	134	$61 00	$8 174 00	$41 00	$5 494 00
A61	24" P P HP STORM PIPE	LF	134	$55 00	$7 370 00	$60 00	$8 040 00
A62	30" P P HP STORM PIPE	LF	134	$66 00	$8,844 00	$93 00	$12,462 00
A63	36" P P HP STORM PIPE	LF	134	$75 00	$10 050 00	$100 00	$13 400 00
A64	42" P P HP STORM PIPE	LF	34	$99 00	$3 366 00	$118 00	$4 012 00
A65	48" P P HP STORM PIPE	LF	134	$131 00	$17 554 00	$199 00	$26 666 00
A66	54" P P HP STORM PIPE	LF	68	$180 00	$12,240 00	$283 00	$19 244 00
A67	60" P P HP STORM PIPE	LF	68	$210 00	$14 280 00	$285 00	$19 380 00
A68	BOX CULVERT (CONCRETE)	CY	17	$2,920 00	$49 640 00	$1,956 00	$33 252 00

A69	BOX CULVERT (REINFORCING STEEL)	LB	1,000	$1.48	$1,480.00	$2.79	$2,790.00
TITLE: STORMWATER SEWER AND NEW CONSTRUCTION BID NO.: CR-0575-19							
A70	STRAIGHT CONCRETE ENDWALL (SINGLE 15" PIPE OR PIPE EQUIVALENT)	EA	8	$1,375.00	$11,000.00	$1,557.00	$12,456.00
A70a	FOR MULTIPLE PIPE, ADJUST PER ADDITIONAL PIPE	EA	2	$423.00	$846.00	$534.00	$1,068.00
A71	STRAIGHT CONCRETE ENDWALL (SINGLE 18" PIPE OR PIPE EQUIVALENT)	EA	8	$1,787.00	$14,296.00	$1,821.00	$14,568.00
A71a	FOR MULTIPLE PIPE, ADJUST PER ADDITIONAL PIPE	EA	2	$592.00	$1,184.00	$589.00	$1,178.00
A72	STRAIGHT CONCRETE ENDWALL (SINGLE 24" PIPE OR PIPE EQUIVALENT)	EA	8	$2,443.00	$19,544.00	$2,399.00	$19,192.00
A72a	FOR MULTIPLE PIPE, ADJUST PER ADDITIONAL PIPE	EA	2	$743.00	$1,486.00	$703.00	$1,406.00
A73	STRAIGHT CONCRETE ENDWALL (SINGLE 30" PIPE OR PIPE EQUIVALENT)	EA	8	$3,703.00	$29,624.00	$4,412.00	$35,296.00
A73a	FOR MULTIPLE PIPE, ADJUST PER ADDITIONAL PIPE	EA	2	$828.00	$1,656.00	$1,507.00	$3,014.00
A74	STRAIGHT CONCRETE ENDWALL (SINGLE 36" PIPE OR PIPE EQUIVALENT)	EA	8	$4,819.00	$38,552.00	$5,429.00	$43,432.00
A74a	FOR MULTIPLE PIPE, ADJUST PER ADDITIONAL PIPE	EA	2	$1,280.00	$2,560.00	$1,757.00	$3,514.00
A75	STRAIGHT CONCRETE ENDWALL (SINGLE 42" PIPE OR PIPE EQUIVALENT)	EA	2	$7,195.00	$14,390.00	$6,905.00	$13,810.00
A75a	FOR MULTIPLE PIPE ADJUST PER ADDITIONAL PIPE	EA	2	$1,799.00	$3,598.00	$2,335.00	$4,670.00
A76	STRAIGHT CONCRETE ENDWALL (SINGLE 48" PIPE OR PIPE EQUIVALENT)	EA	2	$9,416.00	$18,832.00	$10,725.00	$21,450.00
A76a	FOR MULTIPLE PIPE, ADJUST PER ADDITIONAL PIPE	EA	2	$2,329.00	$4,658.00	$3,835.00	$7,670.00
A77	STRAIGHT CONCRETE ENDWALL (SINGLE 54" PIPE OR PIPE EQUIVALENT)	EA	2	$13,859.00	$27,718.00	$13,711.00	$27,422.00
A77a	FOR MULTIPLE PIPE, ADJUST PER ADDITIONAL PIPE	EA	2	$7,750.00	$15,500.00	$4,447.00	$8,894.00
A78	STRAIGHT CONCRETE ENDWALL (SINGLE 60" PIPE OR PIPE EQUIVALENT)	EA	2	$14,179.00	$28,358.00	$13,971.00	$27,942.00

A78a	FOR MULTIPLE PIPE, ADJUST PER ADDITIONAL PIPE	EA	2	$2,962.00	$5,924.00	$4,583.00	$9,166.00
TITLE: STORMWATER SEWER AND NEW CONSTRUCTION BID NO.: CP-0570-19							
A79	STRAIGHT CONCRETE ENDWALL (SINGLE 66" PIPE OR PIPE EQUIVALENT)	EA	2	$18,515.00	$37,030.00	$18,560.00	$37,120.00
A79a	FOR MULTIPLE PIPE, ADJUST PER ADDITIONAL PIPE	EA	2	$4,020.00	$8,040.00	$6,502.00	$13,004.00
A80	STRAIGHT CONCRETE ENDWALL (SINGLE 72" PIPE OR PIPE EQUIVALENT)	EA	2	$19,101.00	$38,202.00	$19,574.00	$39,148.00
A80a	FOR MULTIPLE PIPE, ADJUST PER ADDITIONAL PIPE	EA	2	$4,290.00	$8,580.00	$6,113.00	$12,226.00
A81	BOX CULVERT ENDWALL (CONCRETE)	CY	14	$2,920.00	$40,880.00	$1,453.00	$20,342.00
A82	BOX CULVERT ENDWALL (REINFORCING STEEL)	LB	4,000	$4.48	$17,940.00	$2.70	$10,800.00
A83	SAND-CEMENT RIP RAP ENDWALL	BAG	334	$19.00	$6,346.00	$15.00	$5,010.00
A84	END SECTION (15" PIPE OR PIPE EQUIVALENT)	EA	8	$788.00	$6,304.00	$1,189.00	$9,512.00
A85	END SECTION (18" PIPE OR PIPE EQUIVALENT)	EA	8	$849.00	$6,792.00	$1,340.00	$10,720.00
A86	END SECTION (24" PIPE OR PIPE EQUIVALENT)	EA	8	$1,209.00	$9,672.00	$1,610.00	$12,880.00
A87	END SECTION (30" PIPE OR PIPE EQUIVALENT)	EA	8	$1,545.00	$12,360.00	$3,236.00	$25,888.00
A88	END SECTION (36" PIPE OR PIPE EQUIVALENT)	EA	8	$2,085.00	$16,680.00	$3,815.00	$30,520.00
A89	END SECTION (42" PIPE OR PIPE EQUIVALENT)	EA	2	$3,422.00	$6,844.00	$4,587.00	$9,174.00
A90	END SECTION (48" PIPE OR PIPE EQUIVALENT)	EA	2	$4,170.00	$8,340.00	$5,993.00	$11,986.00
A91	END SECTION (54" PIPE OR PIPE EQUIVALENT)	EA	4	$5,001.00	$20,004.00	$8,324.00	$33,296.00
A92	END SECTION (60" PIPE OR PIPE EQUIVALENT)	EA	3	$6,348.00	$19,044.00	$9,575.00	$28,725.00
A93	TYPE "C" INLET (4' DEPTH)	EA	2	$1,639.00	$3,278.00	$2,225.00	$4,450.00
A93a	FOR ADDITIONAL DEPTH, ADJUST PER FOOT	LF	2	$279.00	$558.00	$392.00	$784.00
A94	TYPE "E" INLET (4' DEPTH)	EA	2	$2,428.00	$4,856.00	$2,912.00	$5,824.00
A94a	FOR ADDITIONAL DEPTH, ADJUST PER FOOT	LF	2	$385.00	$770.00	$667.00	$1,334.00
A95	CURB INLET (SINGLE, 4' DEPTH)	EA	8	$3,152.00	$25,216.00	$3,027.00	$24,216.00
A95a	FOR ADDITIONAL DEPTH, ADJUST PER FOOT	LF	2	$260.00	$520.00	$781.00	$1,562.00
A96	CURB INLET (DOUBLE, 4' DEPTH)	EA	4	$4,170.00	$16,680.00	$5,188.00	$20,752.00
A96a	FOR ADDITIONAL DEPTH, ADJUST PER FOOT	LF	2	$450.00	$900.00	$715.00	$1,430.00
A97	CURB INLET STORM SEWER 48" I.D. (4' DEPTH)	EA	4	$3,704.00	$14,816.00	$6,050.00	$24,200.00
A97a	FOR ADDITIONAL DEPTH, ADJUST PER FOOT	LF	2	$410.00	$820.00	$786.00	$1,572.00
A98	TYPE "B" INLET (3' X 8', 4' DEPTH OR EQUIVALENT AREA)	EA	2	$3,213.00	$6,426.00	$6,767.00	$13,534.00

TITLE: STORM SEWER AND NEW CONSTRUCTION

BID NO.: CP-0819-19

A98a	FOR ADDITIONAL DEPTH, ADJUST PER FOOT	LF	2	$440.00	$880.00	$786.00	$1,572.00
A99	TYPE "B" INLET (SINGLE 3' X 8', 5' DEPTH OR EQUIVALENT AREA)	EA	2	$3,968.00	$7,936.00	$7,943.00	$15,886.00
A99a	FOR ADDITIONAL DEPTH, ADJUST PER FOOT	LF	2	$460.00	$920.00	$1,015.00	$2,030.00
A100	TYPE "B" INLET (DOUBLE 3' X 8', 5' DEPTH OR EQUIVALENT AREA)	EA	2	$4,402.00	$8,804.00	$11,662.00	$23,324.00
A100a	FOR ADDITIONAL DEPTH, ADJUST PER FOOT	LF	2	$470.00	$940.00	$1,590.00	$3,180.00
A101	TYPE "B" INLET (4' X 4', 5' DEPTH OR EQUIVALENT)	EA	2	$3,668.00	$7,336.00	$6,900.00	$13,800.00
A101a	FOR ADDITIONAL DEPTH, ADJUST PER FOOT	LF	2	$490.00	$980.00	$900.00	$1,800.00
A102	TYPE "B" INLET (4' X 6', 5' DEPTH OR EQUIVALENT AREA)	EA	2	$4,050.00	$8,100.00	$7,200.00	$14,400.00
A102a	FOR ADDITIONAL DEPTH, ADJUST PER FOOT	LF	2	$510.00	$1,020.00	$950.00	$1,900.00
A103	TYPE "B" INLET (SINGLE 4' X 8', 5' DEPTH OR EQUIVALENT AREA)	EA	2	$4,229.00	$8,458.00	$7,300.00	$14,600.00
A103a	FOR ADDITIONAL DEPTH, ADJUST PER FOOT	LF	2	$525.00	$1,050.00	$970.00	$1,940.00
A104	TYPE "B" INLET (DOUBLE 4' X 8', 5' DEPTH OR EQUIVALENT AREA)	EA	2	$4,500.00	$8,700.00	$12,000.00	$24,000.00
A104a	FOR ADDITIONAL DEPTH, ADJUST PER FOOT	LF	2	$541.00	$1,082.00	$1,600.00	$3,200.00
A105	TYPE "B" INLET (5' X 8', 5' DEPTH OR EQUIVALENT AREA)	EA	2	$4,191.00	$8,382.00	$7,900.00	$15,800.00
A105a	FOR ADDITIONAL DEPTH, ADJUST PER FOOT	LF	2	$476.00	$952.00	$980.00	$1,960.00
A106	TYPE "B" INLET (SINGLE 6' X 8', 5' DEPTH OR EQUIVALENT AREA)	EA	2	$4,488.00	$8,976.00	$8,000.00	$16,000.00
A106a	FOR ADDITIONAL DEPTH, ADJUST PER FOOT	LF	2	$526.00	$1,052.00	$1,600.00	$3,200.00
A107	TYPE "B" INLET (DOUBLE 6' X 8', 5' DEPTH OR EQUIVALENT AREA)	EA	2	$4,673.00	$9,346.00	$12,501.00	$25,002.00
A107a	FOR ADDITIONAL DEPTH, ADJUST PER FOOT	LF	2	$553.00	$1,106.00	$1,650.00	$3,300.00
A108	TYPE "B" INLET (SINGLE 6' X 8', 5' DEPTH OR EQUIVALENT AREA)	EA	2	$4,561.00	$9,122.00	$8,200.00	$16,400.00
A108a	FOR ADDITIONAL DEPTH, ADJUST PER FOOT	LF	2	$514.00	$1,028.00	$1,650.00	$3,300.00
A109	TYPE "B" INLET (DOUBLE 6' X 8', 5' DEPTH OR EQUIVALENT AREA)	EA	2	$4,660.00	$9,660.00	$12,600.00	$25,200.00
A109a	FOR ADDITIONAL DEPTH, ADJUST PER FOOT	LF	2	$590.00	$1,180.00	$1,670.00	$3,340.00
A110	TYPE "B" INLET (SINGLE 8' X 8', 5' DEPTH OR EQUIVALENT AREA)	EA	2	$4,993.00	$9,986.00	$11,360.00	$22,720.00
A110a	FOR ADDITIONAL DEPTH, ADJUST PER FOOT	LF	2	$560.00	$1,120.00	$1,700.00	$3,400.00
A111	TYPE "B" INLET (DOUBLE 8' X 8', 5' DEPTH OR EQUIVALENT AREA)	EA	2	$5,001.00	$10,002.00	$13,000.00	$26,000.00

A111a	FOR ADDITIONAL DEPTH, ADJUST PER FOOT	LF	8	$560.00	$1,120.00	$1,800.00	$3,600.00
TITLE: STORM SEWER AND NEW CONSTRUCTION BID NO.: CP-0570-19							
A112	J-1 MANHOLE (4' DEPTH)	EA	2	$3,920.00	$7,840.00	$3,660.00	$7,320.00
A112a	FOR ADDITIONAL DEPTH, ADJUST PER FOOT	LF	2	$392.00	$784.00	$589.00	$1,178.00
A113	J-1-A MANHOLE (4' DEPTH)	EA	8	$4,035.00	$32,280.00	$3,700.00	$29,600.00
A113a	FOR ADDITIONAL DEPTH, ADJUST PER FOOT	LF	2	$403.00	$806.00	$600.00	$1,200.00
A114	J-1-B MANHOLE (5' DEPTH)	EA	8	$4,250.00	$34,000.00	$4,215.00	$33,720.00
A114a	FOR ADDITIONAL DEPTH, ADJUST PER FOOT	LF	2	$415.00	$830.00	$620.00	$1,240.00
A115	J-1-C MANHOLE (5' DEPTH)	EA	4	$4,360.00	$17,440.00	$5,426.00	$21,704.00
A115a	FOR ADDITIONAL DEPTH, ADJUST PER FOOT	LF	2	$415.00	$830.00	$645.00	$1,290.00
A116	J-1-D MANHOLE (5' DEPTH)	EA	4	$5,536.00	$22,144.00	$5,800.00	$23,200.00
A116a	FOR ADDITIONAL DEPTH, ADJUST PER FOOT	LF	2	$450.00	$900.00	$670.00	$1,340.00
A117	J-1-E MANHOLE (5' DEPTH)	EA	2	$6,833.00	$13,666.00	$8,300.00	$16,600.00
A117a	FOR ADDITIONAL DEPTH, ADJUST PER FOOT	LF	2	$459.00	$918.00	$720.00	$1,440.00
A118	J-1-F MANHOLE (5' DEPTH)	EA	2	$6,910.00	$13,820.00	$8,500.00	$17,000.00
A118a	FOR ADDITIONAL DEPTH, ADJUST PER FOOT	LF	2	$490.00	$980.00	$750.00	$1,500.00
A120	MANHOLE OR INLET CONVERSION TO SEWER CONFLICT MANHOLE	EA	8	$5,980.00	$47,840.00	$3,100.00	$24,800.00
A121	BACK MANHOLE OR INLETS	CF	538	$32.00	$17,216.00	$170.00	$91,460.00
A122	PIPE ENCASEMENT (15" TO 18" PIPE EQUIVALENT)	SY	34	$23.00	$782.00	$25.00	$850.00
A123	PIPE ENCASEMENT (21" TO 24" PIPE EQUIVALENT)	SY	34	$24.00	$816.00	$28.00	$952.00
A124	PIPE ENCASEMENT (30" TO 36" PIPE EQUIVALENT)	SY	34	$25.00	$850.00	$30.00	$1,020.00
A125	PIPE ENCASEMENT (42" TO 48" PIPE EQUIVALENT)	SY	34	$26.00	$884.00	$35.00	$1,190.00
A126	PIPE ENCASEMENT (54" TO 60" PIPE EQUIVALENT)	SY	18	$28.00	$504.00	$40.00	$720.00
A127	PIPE ENCASEMENT (66" TO 72" PIPE EQUIVALENT)	SY	18	$33.00	$594.00	$45.00	$810.00
A128	CONNECT (15" TO 24" OR EQUIVALENT PIPE TO EXISTING STRUCTURE)	EA	10	$575.00	$5,750.00	$887.00	$8,870.00
A129	CONNECT (30" TO 42" OR EQUIVALENT PIPE TO EXISTING STRUCTURE)	EA	10	$641.00	$6,410.00	$1,573.00	$15,730.00
A130	CONNECT (48" TO 60" OR EQUIVALENT PIPE TO EXISTING STRUCTURE)	EA	4	$877.00	$3,508.00	$2,376.00	$9,504.00
A131	CONNECT (66" TO 72" OR EQUIVALENT PIPE TO EXISTING STRUCTURE)	EA	2	$1,150.00	$2,300.00	$3,647.00	$7,294.00
A132	CONNECT (NEW STRUCTURE TO EXISTING 15" TO 24" OR EQUIVALENT PIPE)	EA	10	$745.00	$7,450.00	$887.00	$8,870.00
A133	CONNECT (NEW STRUCTURE TO EXISTING 30" TO 42" OR EQUIVALENT PIPE)	EA	10	$843.00	$8,430.00	$1,573.00	$15,730.00
A134	CONNECT (NEW STRUCTURE TO EXISTING 48" TO 60" OR EQUIVALENT PIPE)	EA	4	$872.00	$3,488.00	$2,376.00	$9,504.00
A135	CONNECT (NEW STRUCTURE TO EXISTING 66" TO 72" OR EQUIVALENT PIPE)	EA	1	$1,240.00	$1,240.00	$3,647.00	$3,647.00

A136	PIPE COUPLING (18" TO 18" OR EQUIVALENT)	EA	8	$423.00	$3,384.00	$714.00	$5,712.00
TITLE: STORM SEWER AND NEW CONSTRUCTION BID NO.: CP-0570-19							
A137	PIPE COUPLING (24" TO 36" OR EQUIVALENT)	EA	4	$490.00	$1,960.00	$498.00	$3,192.00
A138	PIPE COUPLING (42" TO 54" OR EQUIVALENT)	EA	7	$560.00	$3,920.00	$1,230.00	$8,449.00
A139	PIPE COUPLING (60" TO 72" OR EQUIVALENT)	EA	7	$647.00	$4,529.00	$1,991.00	$13,937.00
A140	WELL POINTS (>4' DEEP)	DY	200	$750.00	$150,000.00	$125.00	$25,000.00
A141	BYPASS PUMPING (>4" SUCTION/DISCHARGE)	DY	134	$784.00	$52,704.00	$712.00	$95,408.00
A142	SAND BAGS (BAG FILLED WITH SAND, INSTALL AND REMOVE)	BAG	134	$17.00	$2,278.00	$14.00	$1,876.00
A143	PIPE PLUG (15" TO 30" OR EQUIVALENT INSTALL AND REMOVE)	DY	34	$70.00	$2,380.00	$265.00	$9,010.00
A144	PIPE PLUG (36" TO 54" OR EQUIVALENT INSTALL AND REMOVE)	DY	34	$160.00	$5,440.00	$261.00	$8,874.00
A145	PIPE PLUG (60" TO 72" OR EQUIVALENT INSTALL AND REMOVE)	DY	8	$240.00	$1,920.00	$961.00	$7,688.00
A146	STEEL SHEETING (INSTALL AND REMOVE)	SF	668	$32.00	$21,376.00	$29.00	$19,372.00
A147	STEEL PLATES (INSTALL AND REMOVE)	SF	68	$29.00	$1,972.00	$79.00	$5,372.00
A148	CONCRETE & STEEL MODIFICATION (TO ENDWALL, INLET OR MANHOLE)	CY	8	$2,150.00	$17,200.00	$338.00	$2,704.00
A149	BRICK ADJUSTMENT (TO EXISTING INLET OR MANHOLE)	LF	8	$375.00	$3,000.00	$319.00	$2,552.00
A150	BRICK MODIFICATION (TO INLET, MANHOLE OR END SECTION)	SF	18	$83.00	$1,494.00	$31.00	$558.00
A151	SAWCUT MODIFICATION (TO INLET, MANHOLE OR END SECTION, 8" DEPTH)	LF	14	$35.00	$490.00	$85.00	$1,190.00
A152	MANHOLE COVER AND FRAME	EA	2	$446.00	$892.00	$1,908.00	$3,816.00
A153	CATCH BASIN OR CURB INLET GRATE AND FRAME	EA	2	$557.00	$1,114.00	$1,205.00	$2,410.00
A154	CURB IRON	EA	2	$380.00	$760.00	$650.00	$1,300.00
A155	TYPE "E" GRATES AND FRAMES (TRAFFIC BEARING)	EA	2	$701.00	$1,402.00	$1,205.00	$2,410.00
A156	1" STEEL PLATE (INCLUDING OPENINGS)	SF	34	$8.00	$306.00	$78.00	$2,652.00

A157	ASPHALTIC CONCRETE PAVEMENT REPAIR (CASE 3)	SY	2,000	$61.00	$122,000.00	$53.00	$106,000.00
TITLE: STORM SEWER AND NEW CONSTRUCTION BID NO.: CP-0878-18							
A158	ASPHALTIC CONCRETE	TN	60	$360.00	$21,600.00	$189.00	$11,340.00
A159	CONCRETE REMOVAL, HAUL AND DISPOSAL (4" DEPTH)	SY	200	$16.00	$3,200.00	$21.00	$4,200.00
A160	ASPHALT MILLING (1.5" DEPTH)	SY	668	$15.00	$10,020.00	$31.00	$20,708.00
A161	STABILIZED SUBGRADE (VEHICULAR TRAFFIC BEARING AREAS)	SY	168	$12.00	$2,016.00	$12.00	$2,016.00
A162	LIMEROCK (6" LIFT)	SY	168	$18.00	$3,024.00	$22.00	$3,696.00
A163	LIMEROCK (ADDITIONAL 1" LIFT)	SY	168	$3.50	$588.00	$5.39	$905.52
A164	CRUSHED CONCRETE (6" LIFT)	SY	168	$18.00	$3,024.00	$20.00	$3,360.00
A165	CRUSHED CONCRETE (ADDITIONAL 1" LIFT)	SY	168	$3.50	$588.00	$6.00	$1,008.00
A166	EXTRA FOOT OF TRENCH CUT (>7' DEPTH)	LF	200	$15.00	$3,000.00	$15.00	$3,000.00
A167	OVER EXCAVATION (CONTINGENCY)	CY	200	$8.00	$1,600.00	$22.00	$4,400.00
A168	A.S.FILL (CONTINGENCY ITEM, DELIVERED, HAULED AND PLACED)	CY	2,000	$16.00	$32,000.00	$26.00	$52,000.00
A169	STONE (NO. 57 OR EQUIVALENT, DELIVERED, HAULED AND PLACED)	CY	666	$48.00	$32,064.00	$72.00	$48,096.00
A170	DITCH REGRADING (2'-4' BOTTOM, FROM 0'-4' IN DEPTH)	LF	34	$7.00	$238.00	$9.00	$306.00
A171	DITCH REGRADING (2'-4' BOTTOM, FROM 4' TO 8' IN DEPTH)	LF	34	$4.00	$272.00	$16.00	$544.00
A172	DITCH REGRADING (4'-8' BOTTOM, FROM 0' TO 4' IN DEPTH)	LF	34	$9.00	$306.00	$32.00	$1,088.00
A173	DITCH REGRADING (4'-8' BOTTOM, FROM 4' TO 8' IN DEPTH)	LF	34	$10.00	$340.00	$63.00	$2,142.00
A174	ROADSIDE SHOULDER GRADING	SY	2,000	$7.00	$14,000.00	$6.00	$12,000.00
A175	DITCH EXCAVATION	CY	68	$13.00	$884.00	$31.00	$2,108.00
A176	CURB & GUTTER (CITY STANDARD, MEDIAN, DROP HEADER & MIAMI)	LF	668	$31.00	$20,708.00	$24.00	$16,032.00
A177	CONCRETE SIDEWALK (4" DEPTH)	SY	334	$43.00	$14,362.00	$59.00	$19,706.00
A178	CONCRETE SIDEWALK (5" DEPTH)	SY	68	$45.00	$3,060.00	$63.00	$4,284.00
A179	CONCRETE SIDEWALK (6" DEPTH)	SY	68	$50.00	$3,400.00	$87.00	$5,916.00
A180	CONCRETE HANDICAPPED RAMP (5" DEPTH)	SY	68	$75.00	$5,100.00	$81.00	$5,508.00
A181	CONCRETE DRIVEWAY (5" DEPTH)	SY	334	$52.00	$17,368.00	$63.00	$21,042.00
A182	CONCRETE DRIVEWAY (6" DEPTH)	SY	68	$56.00	$3,808.00	$66.00	$4,488.00
A183	CONCRETE DITCH PAVEMENT (4" DEPTH)	SY	34	$64.00	$2,176.00	$86.00	$2,924.00

A184	CONCRETE TURNDOWN (4" WIDTH X 18" DEPTH)	LF	24	$18.00	$432.00	$20.00	$480.00
TITLE: STORM SEWER AND NEW CONSTRUCTION BID NO.: CP-0878-10							
A185	MISCELLANEOUS CONCRETE (NON REINFORCED)	CY	8	$1,105.00	$8,840.00	$774.00	$6,192.00
A186	MISCELLANEOUS CONCRETE (REINFORCED)	CY	8	$1,680.00	$15,840.00	$920.00	$7,360.00
A187	RIP-RAP (OVER FILTER FABRIC)	SY	334	$59.00	$19,706.00	$83.00	$27,722.00
A188	UTILITY ACCESS ADJUSTMENT	EA	18	$134.00	$2,412.00	$261.00	$4,698.00
A189	TREE REMOVAL (6" TO 12" DIAMETER)	EA	20	$500.00	$10,000.00	$442.00	$8,840.00
A190	TREE REMOVAL (13" TO 24" DIAMETER)	EA	18	$1,490.00	$14,000.00	$847.00	$9,470.00
A191	TREE REMOVAL (25" TO 36" DIAMETER)	EA	4	$2,750.00	$11,000.00	$2,275.00	$9,100.00
A192	GRASS SOD (ST. AUGUSTINE, BAHIA, BERMUDA, OTHER COMMON TYPES)	SY	1,334	$6.00	$8,004.00	$6.50	$8,671.00
A193	GRASS SOD (CENTIPEDE, ZOYSIA, OTHER SPECIALTY SOD)	SY	1,334	$7.00	$9,338.00	$7.00	$9,338.00

A194	SEED AND MULCH	SY	648	$2.50	$1,620.00	$1.25	$835.00
TITLE: STORM SEWER AND NEW CONSTRUCTION BID NO.: CP-0370-19							
A195	FENCE (CITY STANDARD, CHAIN LINK, 4' HEIGHT)	LF	334	$21.00	$7,014.00	$25.00	$8,350.00
A196	FENCE (CITY STANDARD, CHAIN LINK, 5' HEIGHT)	LF	168	$24.00	$4,032.00	$28.00	$4,704.00
A197	FENCE (CITY STANDARD, CHAIN LINK, 6' HEIGHT)	LF	184	$29.00	$5,872.00	$31.00	$5,208.00
A198	FENCE (WOOD PRIVACY, ALL RESIDENTIAL STYLES, 6' HEIGHT)	LF	168	$33.00	$5,888.00	$38.00	$6,384.00
A199	GUARDRAIL (STRAIGHT)	LF	54	$48.00	$2,592.00	$53.00	$2,754.00
A200	GUARDRAIL (SHOP BENT)	LF	20	$64.00	$1,280.00	$57.00	$1,140.00
A201	GUARDRAIL (SPECIAL POST)	EA	8	$209.00	$1,672.00	$130.00	$1,040.00
A202	GUARDRAIL (SPECIAL STEEL POST)	EA	8	$209.00	$1,672.00	$125.00	$1,000.00
A203	GUARDRAIL (SPECIAL LEAKITH POST)	EA	8	$260.00	$2,080.00	$115.00	$920.00
A204	GUARDRAIL (POST REPLACEMENT)	EA	18	$52.00	$936.00	$95.00	$1,710.00
A205	GUARDRAIL (ANCHORAGE ASSEMBLY)	EA	8	$3,310.00	$26,480.00	$3,200.00	$25,600.00
A206	GUARDRAIL (ANCHORAGE ASSEMBLY CONCRETE BARRIER WALL)	EA	4	$3,310.00	$13,240.00	$2,900.00	$11,600.00
A207	GUARDRAIL (END ANCHORAGE ASSEMBLY)	EA	4	$2,649.00	$10,596.00	$3,857.00	$15,428.00
A208	PAVEMENT MARKING (PAINTED STRIPES AND STOP BARS, ALL COLORS)	SF	54	$3.00	$162.00	$15.00	$810.00
A209	PAVEMENT MARKING (THERMOPLASTIC STRIPES AND STOP BARS, ALL COLORS)	SF	54	$4.00	$216.00	$22.00	$1,188.00

A210	PAVEMENT MARKINGS (PAINTED ARROWS, SYMBOLS, ETC ALL COLORS)	SF	34	$4 00	$136 00	$14 00	$476 00
TITLE: STORM SEWER AND NEW CONSTRUCTION							
BID NO.: CP-0879-16							
A211	PAVEMENT MARKINGS (THERMOPLASTIC ARROWS, SYMBOLS, ETC ALL COLORS)	SF	34	$7 00	$238 00	$25 00	$850 00
A212	PAVEMENT MARKINGS (RETRO-REFLECTIVE PAVEMENT MARKERS)	EA	14	$30 00	$420 00	$7 00	$98 00
A213	INDUCTIVE LOOP ASSEMBLY (TYPE F- 6' X 30') (660- 2-106)	EA	2	$3,780 00	$7,560 00	$1,400 00	$2,800 00
A214	4" PVC DR- 18 PIPE OR EQUIVALENT	LF	10	$33 00	$330 00	$33 00	$330 00
A215	6" PVC DR- 25 PIPE OR EQUIVALENT	LF	10	$32 00	$320 00	$31 00	$310 00
A216	6" PVC DR 18 PIPE OR EQUIVALENT	LF	10	$36 00	$360 00	$39 00	$390 00
A217	8" PVC DR 25 PIPE OR EQUIVALENT	LF	10	$35 00	$350 00	$36 00	$360 00
A218	12" PVC DR 18 PIPE OR EQUIVALENT	LF	10	$39 00	$390 00	$57 00	$570 00
A219	12" PVC DR 25 PIPE OR EQUIVALENT	LF	10	$36 00	$360 00	$55 00	$550 00
A220	UNDERDRAIN	LF	68	$64 00	$4,352 00	$35 00	$2,380 00
A221	UNDERDRAIN CLEANOUT	EA	4	$120 00	$480 00	$450 00	$1,800 00
A222	UNDERDRAIN CONNECTION	EA	4	$280 00	$1,120 00	$319 00	$1,276 00
A223	FLOWABLE FILL	CY	34	$290 00	$9,860 00	$234 00	$7,956 00
A224	CDOT PROJECT SIGN (FOR JOBS LASTING MORE THAN 7 DAYS)	EA	35	$650 00	$22,750 00	$275 00	$9,625 00
A225	AS BUILT DRAWING (11" X 17" CONSTRUCTION DRAWINGS)	EA	4	$1,750 00	$7,000 00	$675 00	$2,700 00
A226	PROJECT RECORD (PER JOB SITE)	EA	34	$350 00	$11,900 00	$125 00	$4,250 00
	TOTAL BASE BID (ITEMS 1-226)				$3,539,408.19		$3,477,308.07
	CONFLICT OF INTEREST:			X		X	
	BID BOND/SECURITY			X		X	
	LICENSED SUBS			X		X	
	ASEB PARTICIPATION			X		X	

TITLE: STORM SEWER REPLACEMENT AND NEW CONSTRUCTION
BID NO.: CP-0578-18 SCHEDULE A-SOUTH
OPEN DATE: OCTOBER 31, 2018 @ 2:00 PM
BUYER: MARLEEN DORAN

CoJ SOUTH

No. Invited: (8) No. Received: (2) No Bids: (0)

ITEM NO.	DESCRIPTION	UNIT	QUANTITY	Jim Ulrich Management, Inc. UNIT PRICE	Jim Ulrich Management, Inc. EXTENSION	Calloway Contracting, Inc. UNIT PRICE	Calloway Contracting, Inc. EXTENSION
A1	SITE PREPARATION (____) Percent of Total work performed and including Mobilization, Site Prep, M.O.T. and Management	%	1	$245,526.93	$245,526.93	$151,771.38	$151,771.38
A2	MOBILIZATION (15" TO 24" PIPE OR EQUIVALENT)	EA	7	$5,900.00	$41,300.00	$1,750.00	$12,250.00
A3	MOBILIZATION (30" TO 42" PIPE OR EQUIVALENT)	EA	2	$28,900.00	$57,800.00	$2,600.00	$5,200.00
A4	MOBILIZATION (48" TO 60" PIPE OR EQUIVALENT)	EA	3	$11,650.00	$34,950.00	$3,350.00	$10,050.00
A5	MOBILIZATION (66" TO 72" PIPE OR EQUIVALENT)	EA	3	$19,650.00	$58,950.00	$5,025.00	$15,075.00
A6	MOBILIZATION (BOX CULVERT)	EA	2	$28,500.00	$57,000.00	$5,575.00	$11,150.00
A7	MOBILIZATION (ROADWAY AND RIGHT OF WAY)	EA	3	$2,490.00	$7,470.00	$2,000.00	$6,000.00
A8	MOBILIZATION (ASPHALTIC CONCRETE MILLING >50 sq. yds.)	EA	5	$1,600.00	$8,000.00	$1,100.00	$5,500.00
A9	MOBILIZATION (ASPHALTIC CONCRETE PAVING)	EA	5	$1,600.00	$8,000.00	$3,700.00	$18,000.00
A10	MAINTENANCE OF TRAFFIC (TWO LANE, 2 WAY TRAFFIC)	EA	15	$1,990.00	$29,850.00	$2,000.00	$30,000.00
A11	MAINTENANCE OF TRAFFIC (MULTI LANE, 1 WAY TRAFFIC)	EA	4	$2,670.00	$10,680.00	$2,400.00	$9,600.00
A12	MAINTENANCE OF TRAFFIC (MULTI LANE, 2 WAY TRAFFIC)	EA	1	$2,990.00	$2,990.00	$3,500.00	$3,500.00
A13	MAINTENANCE OF TRAFFIC (NO CHANGE)	EA	15	$3,612.00	$54,180.00	$1,050.00	$15,750.00
A14	MESSAGE BOARD	DY	50	$85.00	$4,250.00	$19.00	$950.00
A15	15" R.C.P.	LF	50	$54.00	$2,700.00	$51.00	$2,550.00
A16	18" R.C.P.	LF	43	$59.00	$2,537.00	$80.00	$4,070.00
A17	24" R.C.P.	LF	67	$64.00	$4,288.00	$84.00	$5,628.00
A18	30" R.C.P.	LF	67	$78.00	$5,226.00	$129.00	$8,643.00
A19	36" R.C.P.	LF	67	$98.00	$6,566.00	$157.00	$10,519.00
A20	42" R.C.P.	LF	17	$112.00	$1,904.00	$182.00	$3,094.00

A21	48" RCP	LF	67	$140.00	$9,380.00	$259.00	$17,363.00
TITLE: STORMWATER SEWER AND NEW CONSTRUCTION BID NO.: 09-0520-19							
A22	54" RCP	LF	34	$182.00	$6,188.00	$309.00	$10,506.00
A23	60" RCP	LF	34	$235.00	$7,990.00	$391.00	$13,294.00
A24	66" RCP	LF	17	$267.00	$4,539.00	$537.00	$9,129.00
A25	72 RCP	LF	34	$313.00	$10,642.00	$600.00	$20,604.00
A26	12 X 18" ERCP	LF	150	$69.00	$10,350.00	$58.00	$8,700.00
A27	14 X 23" ERCP	LF	67	$71.00	$4,757.00	$65.00	$4,355.00
A28	19 X 30" ERCP	LF	67	$83.00	$5,561.00	$88.00	$5,896.00
A29	24 X 38" ERCP	LF	67	$97.00	$6,499.00	$140.00	$9,380.00
A30	29 X 45" ERCP	LF	67	$130.00	$8,710.00	$193.00	$12,931.00
A31	34 X 53" ERCP	LF	34	$173.00	$5,882.00	$262.00	$8,908.00
A32	38 X 60" ERCP	LF	34	$221.00	$7,514.00	$342.00	$11,628.00
A33	43 X 68" ERCP	LF	17	$280.00	$4,760.00	$402.00	$6,834.00
A34	48 X 76" ERCP	LF	17	$343.00	$5,780.00	$463.00	$7,871.00
A35	53 X 83" ERCP	LF	17	$460.00	$7,820.00	$644.00	$11,948.00
A36	58 X 91" ERCP	LF	17	$590.00	$10,030.00	$687.00	$11,679.00
A37	15" CMP	LF	150	$51.00	$7,650.00	$40.00	$6,000.00
A38	18" CMP	LF	67	$63.00	$4,220.00	$48.00	$3,067.00
A39	24" CMP	LF	67	$83.00	$5,561.00	$66.00	$4,422.00
A40	30" CMP	LF	67	$71.00	$4,757.00	$95.00	$6,365.00
A41	36" CMP	LF	67	$97.00	$6,499.00	$127.00	$8,509.00
A42	42" CMP	LF	17	$88.00	$1,496.00	$136.00	$2,312.00
A43	48" CMP	LF	67	$108.00	$7,236.00	$203.00	$13,601.00
A44	54" CMP	LF	34	$141.00	$4,794.00	$280.00	$9,520.00
A45	60" CMP	LF	34	$190.00	$6,460.00	$373.00	$12,682.00
A46	66" CMP	LF	17	$270.00	$4,590.00	$479.00	$8,143.00
A47	72" CMP	LF	34	$310.00	$10,540.00	$682.00	$22,588.00
A48	17" X 13" CMPA	LF	150	$62.00	$9,300.00	$45.00	$6,750.00
A49	15" X 21" CMPA	LF	67	$70.00	$4,690.00	$50.00	$3,350.00
A50	20" X 26" CMPA	LF	67	$77.00	$5,159.00	$62.00	$4,154.00
A51	24" X 30" CMPA	LF	67	$81.00	$5,427.00	$103.00	$6,901.00
A52	29" X 42" CMPA	LF	67	$94.00	$6,298.00	$114.00	$7,638.00
A53	33" X 45" CMPA	LF	17	$125.00	$2,125.00	$185.00	$3,145.00

A54	36" X 57" C M P A	LF	67	$189.00	$11,325.00	$291.00	$14,697.00
TITLE: STORMWATER SEWER AND NEW CONSTRUCTION BID NO.: CR-0870-19							
A55	43" X 68" C M P A	LF	34	$248.00	$8,466.00	$306.00	$10,404.00
A56	47" X 76" C M P A	LF	17	$292.00	$4,964.00	$409.00	$6,953.00
A57	52" X 77" C M P A	LF	17	$318.00	$5,403.00	$521.00	$8,857.00
A58	57" X 83" C M P A	LF	17	$385.00	$6,545.00	$729.00	$12,393.00
A59	15" P P HP STORM PIPE	LF	150	$45.00	$6,750.00	$56.00	$8,400.00
A60	18" P P HP STORM PIPE	LF	67	$51.00	$3,417.00	$61.00	$4,087.00
A61	24" P P HP STORM PIPE	LF	67	$55.00	$3,685.00	$80.00	$5,360.00
A62	30" P P HP STORM PIPE	LF	67	$68.00	$4,556.00	$93.00	$6,231.00
A63	36" P P HP STORM PIPE	LF	67	$75.00	$5,025.00	$100.00	$6,700.00
A64	42" P P HP STORM PIPE	LF	17	$99.00	$1,683.00	$118.00	$2,006.00
A65	48" P P HP STORM PIPE	LF	67	$131.00	$8,777.00	$189.00	$12,663.00
A66	54" P P HP STORM PIPE	LF	34	$180.00	$6,120.00	$263.00	$8,942.00
A67	60" P P HP STORM PIPE	LF	34	$210.00	$7,140.00	$285.00	$9,690.00
A68	DOWELSAVER (CONCRETE)	CY	17	$2,820.00	$47,940.00	$1,956.00	$33,252.00

A69	BOX CULVERT (REINFORCING STEEL)	LB	560	$4.46	$2,230.00	$2.79	$1,250.00
TITLE: STORMWATER SEWER AND NEW CONSTRUCTION BID NO : CP-0078-18							
A70	STRAIGHT CONCRETE ENDWALL (SINGLE 15" PIPE OR PIPE EQUIVALENT)	EA	4	$6,375.00	$6,500.00	$1,537.00	$6,224.00
A70a	FOR MULTIBLE PIPE ADJUST PER ADDITIONAL PIPE	EA	1	$423.00	$423.00	$534.00	$534.00
A71	STRAIGHT CONCRETE ENDWALL (SINGLE 18" PIPE OR PIPE EQUIVALENT)	EA	4	$7,707.00	$7,148.00	$1,821.00	$7,284.00
A71a	FOR MULTIBLE PIPE ADJUST PER ADDITIONAL PIPE	EA	1	$582.00	$582.00	$568.00	$568.00
A72	STRAIGHT CONCRETE ENDWALL (SINGLE 24" PIPE OR PIPE EQUIVALENT)	EA	4	$2,447.00	$9,772.00	$2,399.00	$9,596.00
A72a	FOR MULTIBLE PIPE, ADJUST PER ADDITIONAL PIPE	EA	1	$743.00	$740.00	$703.00	$703.00
A73	STRAIGHT CONCRETE ENDWALL (SINGLE 30" PIPE OR PIPE EQUIVALENT)	EA	4	$3,703.00	$14,812.00	$4,412.00	$17,648.00
A73a	FOR MULTIBLE PIPE, ADJUST PER ADDITIONAL PIPE	EA	1	$878.00	$826.00	$1,507.00	$1,507.00
A74	STRAIGHT CONCRETE ENDWALL (SINGLE 36" PIPE OR PIPE EQUIVALENT)	EA	4	$4,619.00	$18,476.00	$5,429.00	$21,716.00
A74a	FOR MULTIBLE PIPE ADJUST PER ADDITIONAL PIPE	EA	1	$1,290.00	$1,290.00	$1,757.00	$1,757.00
A75	STRAIGHT CONCRETE ENDWALL (SINGLE 42" PIPE OR PIPE EQUIVALENT)	EA	4	$7,195.00	$7,198.00	$8,905.00	$8,905.00
A75a	FOR MULTIBLE PIPE ADJUST PER ADDITIONAL PIPE	EA	1	$1,798.00	$1,798.00	$2,335.00	$2,335.00
A76	STRAIGHT CONCRETE ENDWALL (SINGLE 48" PIPE OR PIPE EQUIVALENT)	EA	1	$9,416.00	$9,418.00	$10,725.00	$10,725.00
A76a	FOR MULTIBLE PIPE, ADJUST PER ADDITIONAL PIPE	EA	1	$2,329.00	$2,329.00	$3,835.00	$3,835.00
A77	STRAIGHT CONCRETE ENDWALL (SINGLE 54" PIPE OR PIPE EQUIVALENT)	EA	1	$13,658.00	$13,658.00	$13,791.00	$13,791.00
A77a	FOR MULTIBLE PIPE, ADJUST PER ADDITIONAL PIPE	EA	1	$2,750.00	$2,750.00	$4,447.00	$4,447.00
A78	STRAIGHT CONCRETE ENDWALL (SINGLE 60" PIPE OR PIPE EQUIVALENT)	EA	1	$14,178.00	$14,178.00	$13,871.00	$13,871.00

A78a	FOR MULTIBLE PIPE, ADJUST PER ADDITIONAL PIPE	EA	1	$2,982.00	$2,982.00	$4,583.00	$4,583.00
TITLE: STORMWATER SEWER AND NEW CONSTRUCTION BID NO.: CP-0070-19							
A79	STRAIGHT CONCRETE ENDWALL (SINGLE 66" PIPE OR PIPE EQUIVALENT)	EA	1	$10,515.00	$10,515.00	$10,560.00	$10,560.00
A79a	FOR MULTIBLE PIPE, ADJUST PER ADDITIONAL PIPE	EA	1	$4,020.00	$4,020.00	$4,502.00	$4,502.00
A80	STRAIGHT CONCRETE ENDWALL (SINGLE 72" PIPE OR PIPE EQUIVALENT)	EA	1	$10,101.00	$10,101.00	$10,574.00	$10,574.00
A80a	FOR MULTIBLE PIPE, ADJUST PER ADDITIONAL PIPE	EA	1	$4,290.00	$4,290.00	$4,913.00	$4,913.00
A81	BOX CULVERT ENDWALL (CONCRETE)	CY	7	$3,920.00	$29,440.00	$1,453.00	$10,171.00
A82	BOX CULVERT ENDWALL (REINFORCING STEEL)	LB	2,000	$4.46	$8,920.00	$2.70	$5,400.00
A83	SACKED CEMENT RIP RAP ENDWALL	BAG	187	$18.00	$3,173.00	$15.00	$2,505.00
A84	END SECTION (15" PIPE OR PIPE EQUIVALENT)	EA	4	$788.00	$3,152.00	$1,189.00	$4,756.00
A85	END SECTION (18" PIPE OR PIPE EQUIVALENT)	EA	4	$849.00	$3,396.00	$1,340.00	$5,360.00
A86	END SECTION (24" PIPE OR PIPE EQUIVALENT)	EA	4	$1,209.00	$4,836.00	$1,612.00	$6,448.00
A87	END SECTION (30" PIPE OR PIPE EQUIVALENT)	EA	4	$1,545.00	$6,180.00	$2,236.00	$8,944.00
A88	END SECTION (36" PIPE OR PIPE EQUIVALENT)	EA	4	$2,085.00	$8,340.00	$3,815.00	$15,260.00
A89	END SECTION (42" PIPE OR PIPE EQUIVALENT)	EA	4	$3,427.00	$3,422.00	$4,587.00	$4,587.00
A90	END SECTION (48" PIPE OR PIPE EQUIVALENT)	EA	1	$4,170.00	$4,170.00	$5,993.00	$5,993.00
A91	END SECTION (54" PIPE OR PIPE EQUIVALENT)	EA	2	$5,501.00	$10,002.00	$8,324.00	$16,648.00
A92	END SECTION (60" PIPE OR PIPE EQUIVALENT)	EA	1	$8,348.00	$8,348.00	$9,575.00	$9,575.00
A93	TYPE "C" INLET (4' DEPTH)	EA	1	$1,639.00	$1,639.00	$2,225.00	$2,225.00
A93a	FOR ADDITIONAL DEPTH, ADJUST PER FOOT	LF	1	$278.00	$278.00	$382.00	$382.00
A94	TYPE "E" INLET (4' DEPTH)	EA	1	$2,476.00	$2,476.00	$2,812.00	$2,812.00
A94a	FOR ADDITIONAL DEPTH, ADJUST PER FOOT	LF	1	$365.00	$365.00	$447.00	$447.00
A95	CURB INLET (SINGLE, 4' DEPTH)	EA	4	$3,152.00	$12,608.00	$3,027.00	$12,108.00
A95a	FOR ADDITIONAL DEPTH, ADJUST PER FOOT	LF	1	$360.00	$360.00	$701.00	$701.00
A96	CURB INLET (DOUBLE, 4' DEPTH)	EA	2	$4,170.00	$8,340.00	$5,188.00	$10,376.00
A96a	FOR ADDITIONAL DEPTH, ADJUST PER FOOT	LF	1	$450.00	$450.00	$715.00	$715.00
A97	CURB INLET STORM SEWER 48" I.D. (4' DEPTH)	EA	2	$3,704.00	$7,408.00	$4,050.00	$8,100.00
A97a	FOR ADDITIONAL DEPTH, ADJUST PER FOOT	LF	1	$410.00	$410.00	$766.00	$766.00
A98	TYPE "B" INLET (2' X 5' 4' DEPTH OR EQUIVALENT AREA)	EA	1	$3,213.00	$3,213.00	$4,767.00	$4,767.00

TITLE: STORM SEWER AND NEW CONSTRUCTION

BID NO.: [illegible]

A98a	FOR ADDITIONAL DEPTH, ADJUST PER FOOT	LF	1	$440.00	$440.00	$786.00	$786.00
A99	TYPE "B" INLET (SINGLE 3' X 8' 5' DEPTH OR EQUIVALENT AREA)	EA	1	$3,968.00	$3,968.00	$7,943.00	$7,943.00
A99a	FOR ADDITIONAL DEPTH, ADJUST PER FOOT	LF	1	$460.00	$460.00	$1,015.00	$1,015.00
A100	TYPE "B" INLET (DOUBLE 3' X 8' 5' DEPTH OR EQUIVALENT AREA)	EA	1	$4,402.00	$4,402.00	$11,662.00	$11,662.00
A100a	FOR ADDITIONAL DEPTH, ADJUST PER FOOT	LF	1	$470.00	$470.00	$1,590.00	$1,590.00
A101	TYPE "B" INLET (4' X 8' 5' DEPTH OR EQUIVALENT)	EA	1	$3,668.00	$3,668.00	$6,900.00	$6,900.00
A101a	FOR ADDITIONAL DEPTH, ADJUST PER FOOT	LF	1	$490.00	$490.00	$900.00	$900.00
A102	TYPE "B" INLET (4' X 8' 5' DEPTH OR EQUIVALENT AREA)	EA	1	$4,050.00	$4,050.00	$7,200.00	$7,200.00
A102a	FOR ADDITIONAL DEPTH, ADJUST PER FOOT	LF	1	$510.00	$510.00	$950.00	$950.00
A103	TYPE "B" INLET (SINGLE 4' X 8' 5' DEPTH OR EQUIVALENT AREA)	EA	1	$4,229.00	$4,229.00	$7,300.00	$7,300.00
A103a	FOR ADDITIONAL DEPTH, ADJUST PER FOOT	LF	1	$525.00	$525.00	$970.00	$970.00
A104	TYPE "B" INLET (DOUBLE 4' X 8' 5' DEPTH OR EQUIVALENT AREA)	EA	1	$4,390.00	$4,390.00	$12,000.00	$12,000.00
A104a	FOR ADDITIONAL DEPTH, ADJUST PER FOOT	LF	1	$541.00	$541.00	$1,000.00	$1,000.00
A105	TYPE "B" INLET (5' X 8' 5' DEPTH OR EQUIVALENT AREA)	EA	1	$4,191.00	$4,191.00	$7,900.00	$7,900.00
A105a	FOR ADDITIONAL DEPTH, ADJUST PER FOOT	LF	1	$475.00	$475.00	$960.00	$960.00
A106	TYPE "B" INLET (SINGLE 5' X 8' 5' DEPTH OR EQUIVALENT AREA)	EA	1	$4,488.00	$4,488.00	$8,000.00	$8,000.00
A106a	FOR ADDITIONAL DEPTH, ADJUST PER FOOT	LF	1	$526.00	$526.00	$1,000.00	$1,000.00
A107	TYPE "B" INLET (DOUBLE 5' X 8' 5' DEPTH OR EQUIVALENT AREA)	EA	1	$4,673.00	$4,673.00	$12,500.00	$12,500.00
A107a	FOR ADDITIONAL DEPTH, ADJUST PER FOOT	LF	1	$553.00	$553.00	$1,150.00	$1,150.00
A108	TYPE "B" INLET (SINGLE 8' X 8' 5' DEPTH OR EQUIVALENT AREA)	EA	1	$4,581.00	$4,581.00	$8,200.00	$8,200.00
A108a	FOR ADDITIONAL DEPTH, ADJUST PER FOOT	LF	1	$514.00	$514.00	$1,650.00	$1,650.00
A109	TYPE "B" INLET (DOUBLE 8' X 8' 5' DEPTH OR EQUIVALENT AREA)	EA	1	$4,980.00	$4,980.00	$12,600.00	$12,600.00
A109a	FOR ADDITIONAL DEPTH, ADJUST PER FOOT	LF	1	$550.00	$550.00	$1,670.00	$1,670.00
A110	TYPE "B" INLET (SINGLE 8' X 8' 5' DEPTH OR EQUIVALENT AREA)	EA	1	$4,993.00	$4,993.00	$11,260.00	$11,260.00
A110a	FOR ADDITIONAL DEPTH, ADJUST PER FOOT	LF	1	$560.00	$560.00	$1,700.00	$1,700.00
A111	TYPE "B" INLET (DOUBLE 8' X 8' 5' DEPTH OR EQUIVALENT AREA)	EA	1	$5,001.00	$5,001.00	$13,000.00	$13,000.00

A111a	FOR ADDITIONAL DEPTH, ADJUST PER FOOT	LF	1	$560 00	$560 00	$1 800 00	$1 800 00
TITLE: STORM SEWER AND NEW CONSTRUCTION BID NO.: CP-0870-19							
A112	J-1 MANHOLE (4' DEPTH)	EA	1	$3 820 00	$3 820 00	$3 940 00	$3 940 00
A112a	FOR ADDITIONAL DEPTH, ADJUST PER FOOT	LF	1	$392 00	$392 00	$589 00	$589 00
A113	J-1 A MANHOLE (4' DEPTH)	EA	4	$4 035 00	$16,140 00	$3 700 00	$14 800 00
A113a	FOR ADDITIONAL DEPTH, ADJUST PER FOOT	LF	1	$410 00	$410 00	$600 00	$600 00
A114	J-1 B MANHOLE (5' DEPTH)	EA	4	$4 250 00	$17,000 00	$4 215 00	$16,860 00
A114a	FOR ADDITIONAL DEPTH, ADJUST PER FOOT	LF	1	$415 00	$415 00	$620 00	$620 00
A115	J-1-C MANHOLE (5' DEPTH)	EA	2	$4 363 00	$8 726 00	$5 426 00	$10,852 00
A115a	FOR ADDITIONAL DEPTH, ADJUST PER FOOT	LF	1	$415 00	$415 00	$640 00	$640 00
A116	J-1 D MANHOLE (5' DEPTH)	EA	2	$5,536 00	$11,072 00	$5,800 00	$11 600 00
A116a	FOR ADDITIONAL DEPTH, ADJUST PER FOOT	LF	1	$450 00	$450 00	$670 00	$670 00
A117	J-1-E MANHOLE (5' DEPTH)	EA	1	$8 833 00	$8,833 00	$8 500 00	$8 500 00
A117a	FOR ADDITIONAL DEPTH, ADJUST PER FOOT	LF	1	$459 00	$459 00	$720 00	$720 00
A118	J-1 F MANHOLE (5' DEPTH)	EA	1	$8 910 00	$8,910 00	$8 500 00	$8 500 00
A118a	FOR ADDITIONAL DEPTH, ADJUST PER FOOT	LF	1	$490 00	$490 00	$750 00	$750 00
A120	MANHOLE OR INLET CONVERSION TO SEWER CONFLICT MANHOLE	EA	4	$5 980 00	$23,920 00	$3,100 00	$12 400 00
A121	BRICK MANHOLE OR INLET	CF	161	$32 00	$5,344 00	$170 00	$28 843 00
A122	PIPE ENCASEMENT (15" TO 18" PIPE EQUIVALENT)	SY	17	$273 00	$241 00	$25 00	$425 00
A123	PIPE ENCASEMENT (21" TO 24" PIPE EQUIVALENT)	SY	17	$274 00	$4,658 00	$28 00	$476 00
A124	PIPE ENCASEMENT (30" TO 36" PIPE EQUIVALENT)	SY	17	$275 00	$425 00	$30 00	$510 00
A125	PIPE ENCASEMENT (42" TO 48" PIPE EQUIVALENT)	SY	17	$29 00	$442 00	$36 00	$595 00
A126	PIPE ENCASEMENT (54" TO 60" PIPE EQUIVALENT)	SY	9	$28 00	$253 00	$60 00	$560 00
A127	PIPE ENCASEMENT (66" TO 72" PIPE EQUIVALENT)	SY	9	$33 00	$297 00	$45 00	$405 00
A128	CONNECT (15" TO 24" OR EQUIVALENT PIPE TO EXISTING STRUCTURE)	EA	5	$535 00	$2,675 00	$667 00	$3 335 00
A129	CONNECT (30" TO 42" OR EQUIVALENT PIPE TO EXISTING STRUCTURE)	EA	5	$641 00	$3,205 00	$1,573 00	$7,865 00
A130	CONNECT (48" TO 60" OR EQUIVALENT PIPE TO EXISTING STRUCTURE)	EA	2	$877 00	$1,754 00	$2,376 00	$4 752 00
A131	CONNECT (66" TO 72" OR EQUIVALENT PIPE TO EXISTING STRUCTURE)	EA	1	$1 160 00	$1 160 00	$3 647 00	$3 647 00
A132	CONNECT (NEW STRUCTURE TO EXISTING 15" TO 24" OR EQUIVALENT PIPE)	EA	5	$745 00	$3,725 00	$667 00	$3 335 00
A133	CONNECT (NEW STRUCTURE TO EXISTING 30" TO 42" OR EQUIVALENT PIPE)	EA	5	$843 00	$4,215 00	$1,573 00	$7 865 00
A134	CONNECT (NEW STRUCTURE TO EXISTING 48" TO 60" OR EQUIVALENT PIPE)	EA	2	$972 00	$1,944 00	$2,376 00	$4 752 00
A135	CONNECT (NEW STRUCTURE TO EXISTING 66" TO 72" OR EQUIVALENT PIPE)	EA	1	$1,240 00	$1,240 00	$3 647 00	$3 647 00

A136	PIPE COUPLING (10" TO 18" OR EQUIVALENT)	EA	4	$420.00	$1,680.00	$158.00	$3,024.00
TITLE: STORM SEWER AND NEW CONSTRUCTION BID NO.: CP-0870-18							
A137	PIPE COUPLING (24" TO 36" OR EQUIVALENT)	EA	2	$420.00	$840.00	$899.00	$1,798.00
A138	PIPE COUPLING (42" TO 54" OR EQUIVALENT)	EA	1	$560.00	$560.00	$1,230.00	$1,230.00
A139	PIPE COUPLING (60" TO 72" OR EQUIVALENT)	EA	1	$640.00	$640.00	$1,991.00	$1,991.00
A140	WELL POINTS (+8' DEEP)	DY	100	$150.00	$15,000.00	$125.00	$12,500.00
A141	BYPASS PUMPING (+4" SUCTION/DISCHARGE)	DY	67	$294.00	$19,698.00	$762.00	$47,704.00
A142	SAND BAGS (BAG FILLED WITH SAND, INSTALL AND REMOVE)	BAG	67	$17.00	$1,139.00	$14.00	$938.00
A143	PIPE PLUG (15" TO 30" OR EQUIVALENT INSTALL AND REMOVE)	DY	17	$70.00	$1,190.00	$265.00	$4,505.00
A144	PIPE PLUG (36" TO 54" OR EQUIVALENT INSTALL AND REMOVE)	DY	17	$165.00	$2,729.00	$351.00	$5,947.00
A145	PIPE PLUG (60" TO 72" OR EQUIVALENT INSTALL AND REMOVE)	DY	4	$243.00	$960.00	$861.00	$3,444.00
A146	STEEL SHEETING (INSTALL AND REMOVE)	SF	334	$32.00	$10,688.00	$28.00	$9,352.00
A147	STEEL PLATES (INSTALL AND REMOVE)	SF	34	$29.00	$986.00	$78.00	$2,652.00
A148	CONCRETE & STEEL MODIFICATION (TO ENDWALL, INLET OR MANHOLE)	CY	4	$2,150.00	$8,600.00	$938.00	$3,752.00
A149	BRICK ADJUSTMENT (TO EXISTING INLET OR MANHOLE)	LF	4	$375.00	$1,500.00	$319.00	$1,276.00
A150	BRICK MODIFICATION (TO INLET MANHOLE OR END SECTION)	SF	9	$83.00	$747.00	$31.00	$279.00
A151	SAWCUT MODIFICATION (TO INLET MANHOLE OR END SECTION, 4" DEPTH)	LF	7	$35.00	$245.00	$85.00	$595.00
A152	MANHOLE COVER AND FRAME	EA	1	$448.00	$448.00	$1,008.00	$1,008.00
A153	CATCH BASIN OR CURB INLET GRATE AND FRAME	EA	1	$557.00	$557.00	$1,205.00	$1,205.00
A154	CURB INON	EA	1	$380.00	$380.00	$232.00	$232.00
A155	TYPE "E" GRATES AND FRAMES (TRAFFIC BEARING)	EA	1	$701.00	$701.00	$1,205.00	$1,205.00
A156	1" STEEL PLATE (INCLUDING OPENINGS)	SF	17	$89.00	$1,513.00	$78.00	$1,343.00

A157	ASPHALTIC CONCRETE PAVEMENT REPAIR (CASE X)	SY	1,800	$61.00	$61,000.00	$12.00	$22,000.00
TITLE: STORM SEWER AND NEW CONSTRUCTION							
BID NO.: CP-6578-18							
A158	ASPHALTIC CONCRETE	TN	34	$360.00	$12,240.00	$193.00	$6,426.00
A159	CONCRETE REMOVAL, HAUL AND DISPOSAL (>4" DEPTH)	SY	100	$16.00	$1,600.00	$21.00	$2,100.00
A160	ASPHALT MILLING (1.5" DEPTH)	SY	334	$15.00	$5,010.00	$31.00	$10,354.00
A161	STABILIZED SUBGRADE (VEHICULAR TRAFFIC BEARING AREAS)	SY	84	$12.00	$1,008.00	$12.00	$1,008.00
A162	LIMEROCK (6" LIFT)	SY	84	$18.00	$1,512.00	$22.00	$1,848.00
A163	LIMEROCK (ADDITIONAL 1" LIFT)	SY	84	$3.50	$294.00	$3.39	$284.76
A164	CRUSHED CONCRETE (6" LIFT)	SY	84	$19.00	$1,596.00	$21.00	$1,764.00
A165	CRUSHED CONCRETE (ADDITIONAL 1" LIFT)	SY	84	$3.50	$294.00	$6.00	$504.00
A166	EXTRA FOOT OF TRENCH CUT (>7' DEPTH)	LF	100	$15.00	$1,500.00	$15.00	$1,500.00
A167	OVER EXCAVATION (CONTINGENCY)	CY	100	$9.00	$900.00	$29.00	$2,900.00
A168	A-3 FILL (CONTINGENCY ITEM DELIVERED, HAULED AND PLACED)	CY	1,000	$18.00	$18,000.00	$29.00	$29,000.00
A169	STONE (NO. 57 OR EQUIVALENT DELIVERED HAULED AND PLACED)	CY	334	$44.00	$14,696.00	$72.00	$24,048.00
A170	DITCH REGRADING (9'-4' BOTTOM, FROM 0'-4' IN DEPTH)	LF	17	$7.00	$119.00	$9.00	$153.00
A171	DITCH REGRADING (9'-4' BOTTOM, FROM 4'-8' IN DEPTH)	LF	17	$8.00	$136.00	$14.00	$272.00
A172	DITCH REGRADING (4'-8' BOTTOM, FROM 0' TO 4' IN DEPTH)	LF	17	$9.00	$153.00	$32.00	$544.00
A173	DITCH REGRADING (4'-8' BOTTOM, FROM 4' TO 8' IN DEPTH)	LF	17	$10.00	$170.00	$63.00	$1,071.00
A174	ROADSIDE SHOULDER GRADING	SY	1,002	$7.00	$7,000.00	$8.00	$8,000.00
A175	DITCH EXCAVATION	CY	34	$13.00	$442.00	$31.00	$1,054.00
A176	CURB & GUTTER (CITY STANDARD, MEDIAN, DROP HEADER & MIAMI)	LF	334	$31.00	$10,354.00	$24.00	$8,016.00
A177	CONCRETE SIDEWALK (4" DEPTH)	SY	167	$43.00	$7,181.00	$59.00	$9,853.00
A178	CONCRETE SIDEWALK (5" DEPTH)	SY	34	$45.00	$1,530.00	$63.00	$2,142.00
A179	CONCRETE SIDEWALK (6" DEPTH)	SY	34	$50.00	$1,700.00	$67.00	$2,278.00
A180	CONCRETE HANDICAPPED RAMP (6" DEPTH)	SY	34	$75.00	$2,550.00	$81.00	$2,754.00
A181	CONCRETE DRIVEWAY (5" DEPTH)	SY	167	$53.00	$8,884.00	$63.00	$10,521.00
A182	CONCRETE DRIVEWAY (6" DEPTH)	SY	34	$58.00	$1,934.00	$66.00	$2,244.00
A183	CONCRETE DITCH PAVEMENT (4" DEPTH)	SY	17	$64.00	$1,088.00	$86.00	$1,462.00

A184	CONCRETE TURNDOWN (4" WIDTH X 18" DEPTH)	LF	17	$49.00	$833.00	$20.00	$340.00
TITLE: STORM SEWER AND NEW CONSTRUCTION BID NO.: CS-0670-19							
A185	MISCELLANEOUS CONCRETE (NON REINFORCED)	CY	4	$1,105.00	$4,420.00	$774.00	$3,096.00
A186	MISCELLANEOUS CONCRETE (REINFORCED)	CY	4	$1,980.00	$7,920.00	$1020.00	$4,080.00
A187	RIP RAP (OVER FILTER FABRIC)	SY	187	$59.00	$11,033.00	$83.00	$15,561.00
A188	UTILITY ACCESS ADJUSTMENT	EA	8	$154.00	$1,232.00	$293.00	$2,344.00
A189	TREE REMOVAL (6" TO 12" DIAMETER)	EA	12	$500.00	$6,000.00	$442.00	$5,304.00
A190	TREE REMOVAL (13" TO 24" DIAMETER)	EA	8	$1,490.00	$11,920.00	$847.00	$6,776.00
A191	TREE REMOVAL (25" TO 36" DIAMETER)	EA	2	$2,750.00	$5,500.00	$2,275.00	$4,550.00
A192	GRASS SOD (ST. AUGUSTINE, BAHIA, BERMUDA, OTHER COMMON TYPES)	SY	1,647	$6.00	$10,002.00	$6.50	$10,705.50
A193	GRASS SOD (CENTIPEDE, ZOYSIA, OTHER SPECIALTY SOD)	SY	1,687	$7.00	$11,809.00	$7.00	$11,809.00

A194	SEED AND MULCH	SY	334	$2.50	$835.00	$1.25	$417.50
TITLE: STORM SEWER AND NEW CONSTRUCTION BID NO.: CP-6879-99							
A195	FENCE (CITY STANDARD, CHAIN LINK, 4' HEIGHT)	LF	187	$21.00	$3,927.00	$25.00	$4,175.00
A196	FENCE (CITY STANDARD, CHAIN LINK, 5' HEIGHT)	LF	64	$29.00	$2,016.00	$29.00	$2,352.00
A197	FENCE (CITY STANDARD, CHAIN LINK, 6' HEIGHT)	LF	64	$29.00	$2,436.00	$31.00	$2,604.00
A198	FENCE (WOOD PRIVACY, ALL RESIDENTIAL STYLES, 6' HEIGHT)	LF	94	$41.00	$3,444.00	$39.00	$3,192.00
A199	GUARDRAIL (STRAIGHT)	LF	27	$48.00	$1,296.00	$51.00	$1,377.00
A200	GUARDRAIL (SHOP BENT)	LF	10	$64.00	$640.00	$57.00	$570.00
A201	GUARDRAIL (SPECIAL POST)	EA	4	$209.00	$836.00	$130.00	$520.00
A202	GUARDRAIL (SPECIAL STEEL POST)	EA	4	$209.00	$836.00	$125.00	$500.00
A203	GUARDRAIL (SPECIAL LENGTH POST)	EA	4	$260.00	$1,040.00	$115.00	$460.00
A204	GUARDRAIL (POST REPLACEMENT)	EA	9	$52.00	$468.00	$95.00	$855.00
A205	GUARDRAIL (ANCHORAGE ASSEMBLY)	EA	4	$3,310.00	$13,240.00	$3,200.00	$12,800.00
A206	GUARDRAIL (ANCHORAGE ASSEMBLY CONCRETE BARRIER WALL)	EA	2	$3,310.00	$6,620.00	$2,800.00	$5,600.00
A207	GUARDRAIL (END ANCHORAGE ASSEMBLY)	EA	2	$2,643.00	$5,286.00	$3,857.00	$7,714.00
A208	PAVEMENT MARKING (PAINTED STRIPES AND STOP BARS, ALL COLORS)	SF	37	$3.00	$111.00	$15.00	$405.00
A209	PAVEMENT MARKING (THERMOPLASTIC STRIPES AND STOP BARS, ALL COLORS)	SF	27	$4.00	$108.00	$22.00	$594.00

A210	PAVEMENT MARKINGS (PAINTED ARROWS, SYMBOLS, ETC ALL COLORS)	SF	17	$4.00	$68.00	$16.00	$272.00
TITLE: STORM SEWER AND NEW CONSTRUCTION BID NO.: CP-0870-18							
A211	PAVEMENT MARKINGS (THERMOPLASTIC ARROWS, SYMBOLS, ETC ALL COLORS)	SF	17	$7.00	$119.00	$25.00	$425.00
A212	PAVEMENT MARKINGS (RETRO REFLECTIVE PAVEMENT MARKERS)	EA	7	$30.00	$210.00	$7.00	$49.00
A213	INDUCTIVE LOOP ASSEMBLY (TYPE F 6' X 30') (660-2-104)	EA	1	$3,780.00	$3,780.00	$1,400.00	$1,400.00
A214	6" PVC DR- 18 PIPE OR EQUIVALENT	LF	5	$33.00	$165.00	$33.00	$165.00
A215	6" PVC DR- 25 PIPE OR EQUIVALENT	LF	5	$32.00	$160.00	$31.00	$155.00
A216	8" PVC DR-18 PIPE OR EQUIVALENT	LF	5	$36.00	$180.00	$39.00	$195.00
A217	8" PVC DR 25 PIPE OR EQUIVALENT	LF	5	$35.00	$175.00	$38.00	$190.00
A218	12" PVC DR-18 PIPE OR EQUIVALENT	LF	5	$39.00	$195.00	$57.00	$285.00
A219	12" PVC DR 25 PIPE OR EQUIVALENT	LF	5	$38.00	$190.00	$55.00	$275.00
A220	UNDERDRAIN	LF	34	$64.00	$2,176.00	$35.00	$1,190.00
A221	UNDERDRAIN CLEANOUT	EA	2	$129.00	$240.00	$450.00	$900.00
A222	UNDERDRAIN CONNECTION	EA	2	$290.00	$580.00	$319.00	$638.00
A223	FLOWABLE FILL	CY	17	$290.00	$4,930.00	$234.00	$3,978.00
A224	COU PROJECT SIGN (FOR JOBS LASTING MORE THAN 7 DAYS)	EA	25	$650.00	$16,250.00	$275.00	$6,875.00
A225	AS BUILT DRAWING (11" X 17" CONSTRUCTION DRAWINGS)	EA	2	$1,750.00	$3,500.00	$675.00	$1,350.00
A226	PROJECT RECORD (PER JOB SITE)	EA	17	$350.00	$5,950.00	$125.00	$2,125.00
	TOTAL BASE BID (ITEMS 1-226)				$1,917,823.93		$1,625,840.14
	CONFLICT OF INTEREST			x		x	
	BID BOND/SECURITY			x		x	
	LICENSED SUBS			x		x	
	JSEB PARTICIPATION			x		x	

TITLE: STORM SEWER REPLACEMENT AND NEW CONSTRUCTION
BID NO.: CP-0570-19 SCHEDULE B-NORTH - JEA
OPEN DATE: OCTOBER 31, 2018 @ 2:00 PM
BUYER: MARLEEN DORAN
No. Invited: (9) No. Received (2) No Bids: (0)

ITEM NO.	DESCRIPTION	UNIT	QUANTITY	Jax Utilities Management, Inc.		Callaway Contracting, Inc.	
				UNIT PRICE	EXTENDED PRICE	UNIT PRICE	EXTENDED PRICE
	GENERAL						
B1	Abandonment of 4" Pipe - Sealing	20	EA	$110.00	$2,200.00	$1,400.00	$28,000.00
B2	Abandonment of 6" Pipe - Sealing	20	EA	$130.00	$2,600.00	$1,900.00	$38,000.00
B3	Abandonment of 8" Pipe - Sealing	10	EA	$220.00	$2,200.00	$2,071.00	$20,710.00
B4	Abandonment of 10" Pipe - Sealing	10	EA	$320.00	$3,200.00	$2,105.00	$21,050.00
B5	Abandonment of 12" Pipe - Sealing	10	EA	$340.00	$3,400.00	$2,105.00	$21,050.00
B6	Abandonment of 2" Pipe - Plugging	20	EA	$110.00	$2,200.00	$1,500.00	$30,000.00
B7	Abandonment of 4" Pipe - Plugging	20	EA	$130.00	$2,600.00	$1,900.00	$38,000.00
B8	Abandonment of 6" Pipe - Plugging	20	EA	$220.00	$4,400.00	$2,200.00	$44,000.00
B9	Abandonment of 8" Pipe - Plugging	10	EA	$320.00	$3,200.00	$2,348.00	$23,480.00
B10	Abandonment of 10" Pipe - Plugging	10	EA	$340.00	$3,400.00	$2,500.00	$25,000.00
B11	Abandonment of 12" Pipe - Plugging	10	EA	$390.00	$3,900.00	$2,694.00	$26,940.00
B12	Abandonment of 4" Pipe - Grout Fill, Pressure Pipe	500	LF	$3.00	$1,500.00	$51.00	$25,500.00
B13	Abandonment of 6" Pipe - Grout Fill, Pressure Pipe	1,000	LF	$8.00	$8,000.00	$60.00	$60,000.00
B14	Abandonment of 8" Pipe - Grout Fill, Pressure Pipe	1,000	LF	$13.00	$13,000.00	$63.90	$63,900.00
B15	Abandonment of 10" Pipe - Grout Fill, Pressure Pipe	300	LF	$22.00	$6,600.00	$70.00	$21,000.00
B16	Abandonment of 12" Pipe - Grout Fill, Pressure Pipe	300	LF	$29.00	$8,700.00	$74.28	$22,284.00
B17	Abandonment of 16" Pipe - Grout Fill, Pressure Pipe	300	LF	$55.00	$16,500.00	$89.00	$26,700.00
B18	Abandonment of 8" Pipe - Grout Fill, Gravity Sewer Main	400	LF	$13.00	$5,200.00	$63.90	$25,560.00
B19	Abandonment of 10" Pipe - Grout Fill, Gravity Sewer Main	400	LF	$22.00	$8,800.00	$70.00	$28,000.00
B20	Abandonment of 12" Pipe - Grout Fill, Gravity Sewer Main	400	LF	$29.00	$11,600.00	$74.28	$29,712.00
B21	Remove Pipe Below Grade - 4" (other than AC Pipe)	1,000	LF	$4.00	$4,000.00	$20.00	$20,000.00
B22	Remove Pipe Below Grade - 6" (other than AC Pipe)	1,000	LF	$5.00	$5,000.00	$22.00	$22,000.00
B23	Remove Pipe Below Grade - 8" (other than AC Pipe)	1,000	LF	$9.00	$9,000.00	$24.00	$24,000.00
B24	Remove Pipe Below Grade - 10" (other than AC Pipe)	600	LF	$12.00	$7,200.00	$26.00	$15,600.00
B25	Remove Pipe Below Grade - 12" (other than AC Pipe)	600	LF	$15.00	$9,000.00	$28.00	$16,800.00
B26	Remove Pipe Below Grade - 16" (other than AC Pipe)	300	LF	$21.00	$6,300.00	$30.00	$9,000.00
B27	Remove Pipe Below Grade - 4" (AC Pipe only)	1,000	LF	$16.00	$16,000.00	$30.00	$30,000.00

B28	Remove Pipe Below Grade - 6" (AC Pipe only)	1,000	LF	$24.00	$24,000.00	$32.00	$32,000.00
B29	Remove Pipe Below Grade - 8" (AC Pipe only)	400	LF	$39.00	$15,600.00	$34.00	$13,600.00
B30	Remove Pipe Below Grade - 10" (AC Pipe only)	200	LF	$66.00	$13,200.00	$36.00	$7,200.00
B31	JEA Bypass Pumping 4" Pump	15	DAY	$394.00	$5,910.00	$1,942.00	$29,130.00
B32	JEA Bypass Pumping 6" Pump	9	DAY	$650.00	$5,850.00	$2,200.00	$19,800.00
B33	JEA Bypass Pumping Mobilization/Demobilization for 4 or 6 inch Pump and Pipe less than 450 LF	5	EA	$20,120.00	$100,600.00	$1,768.00	$8,840.00
B34	JEA Bypass Pumping Mobilization/Demobilization for 4 or 6 inch Pump and Pipe 450-1,000 LF	3	EA	$24,610.00	$73,830.00	$2,447.00	$7,341.00
B35	JEA Asbuilt	9	EA	$2,700.00	$24,300.00	$2,500.00	$22,500.00
TITLE: STORM SEWER REPLACEMENT AND NEW CONSTRUCTION							
BID NO.: CP-0570-19	**SCHEDULE B-NORTH**						
	WATER						
B36	Furnish and Install - 2" PVC Sch. 40 Pipe	60	LF	$4.00	$240.00	$29.00	$1,740.00
B37	Furnish and Install - 2" PVC Sch. 80 Pipe	60	LF	$7.00	$420.00	$30.00	$1,800.00
B38	Furnish and Install - 2" Polyethylene Pipe	200	LF	$5.00	$1,000.00	$25.00	$5,000.00
B39	Furnish and Install - 4" PVC DR 18 Pipe, Push On Joint	1,000	LF	$8.00	$8,000.00	$58.00	$58,000.00
B40	Furnish and Install - 6" PVC DR 18 Pipe, Push On Joint	1,000	LF	$15.00	$15,000.00	$65.00	$65,000.00
B41	Furnish and Install - 8" PVC DR 18 Pipe, Push On Joint	1,000	LF	$26.00	$26,000.00	$75.00	$75,000.00
B42	Furnish and Install - 10" PVC DR 18 Pipe, Push On Joint	250	LF	$36.00	$9,000.00	$102.00	$25,500.00
B43	Furnish and Install - 12" PVC DR 18 Pipe, Push On Joint	250	LF	$48.00	$12,000.00	$110.00	$27,500.00
B44	Furnish and Install - 16" PVC DR 18 Pipe, Push On Joint	250	LF	$53.00	$13,250.00	$137.00	$34,250.00
B45	Furnish and Install - 4" Ductile Iron Pipe, Push On Joint	200	LF	$42.00	$8,400.00	$90.00	$18,000.00
B46	Furnish and Install - 6" Ductile Iron Pipe, Push On Joint	200	LF	$46.00	$9,200.00	$101.00	$20,200.00
B47	Furnish and Install - 8" Ductile Iron Pipe, Push On Joint	200	LF	$54.00	$10,800.00	$110.00	$22,000.00
B48	Furnish and Install - 10" Ductile Iron Pipe, Push On Joint	120	LF	$69.00	$8,280.00	$128.00	$15,360.00
B49	Furnish and Install - 12" Ductile Iron Pipe, Push On Joint	200	LF	$89.00	$17,800.00	$147.00	$29,400.00
B50	Furnish and Install - 16" Ductile Iron Pipe, Push On Joint	200	LF	$135.00	$27,000.00	$190.00	$38,000.00
B51	Furnish and Install 4" DI MJ 90° Bend	12	EA	$250.00	$3,000.00	$600.00	$7,200.00
B52	Furnish and Install 4" DI MJ 45° Bend	40	EA	$235.00	$9,400.00	$595.00	$23,800.00
B53	Furnish and Install 4" DI MJ 22.5° Bend	9	EA	$227.00	$2,043.00	$590.00	$5,310.00
B54	Furnish and Install 6" DI MJ 90° Bend	12	EA	$350.00	$4,200.00	$900.00	$10,800.00
B55	Furnish and Install 6" DI MJ 45° Bend	40	EA	$317.00	$12,680.00	$890.00	$35,600.00
B56	Furnish and Install 6" DI MJ 22.5° Bend	9	EA	$307.00	$2,763.00	$880.00	$7,920.00
B57	Furnish and Install 8" DI MJ 90° Bend	12	EA	$482.00	$5,784.00	$1,000.00	$12,000.00
B58	Furnish and Install 8" DI MJ 45° Bend	40	EA	$440.00	$17,600.00	$990.00	$39,600.00

B59	Furnish and Install 8" DI MJ 22.5° Bend	9	EA	$437.00	$3,933.00	$980.00	$8,820.00
B60	Furnish and Install 10" DI MJ 90° Bend	10	EA	$745.00	$7,450.00	$1,100.00	$11,000.00
B61	Furnish and Install 10" DI MJ 45° Bend	16	EA	$650.00	$10,400.00	$1,090.00	$17,440.00
B62	Furnish and Install 10" DI MJ 22.5° Bend	6	EA	$650.00	$3,900.00	$1,080.00	$6,480.00
B63	Furnish and Install 12" DI MJ 90° Bend	10	EA	$910.00	$9,100.00	$1,244.00	$12,440.00
B64	Furnish and Install 12" DI MJ 45° Bend	16	EA	$825.00	$13,200.00	$1,235.00	$19,760.00
B65	Furnish and Install 12" DI MJ 22.5° Bend	6	EA	$447.00	$2,682.00	$1,225.00	$7,350.00
B66	Furnish and Install 16" DI MJ 90° Bend	10	EA	$2,100.00	$21,000.00	$1,400.00	$14,000.00
B67	Furnish and Install 16" DI MJ 45° Bend	16	EA	$1,840.00	$29,440.00	$1,390.00	$22,240.00
	GENERAL						
B68	Furnish and Install 16" DI MJ 22.5° Bend	6	EA	$1,822.00	$10,932.00	$1,380.00	$8,280.00
B69	Furnish and Install 4" DI MJ Plug W/2" Tap Connection	9	EA	$105.00	$945.00	$455.00	$4,095.00
B70	Furnish and Install 4" DI MJ Plug	5	EA	$68.00	$340.00	$400.00	$2,000.00
B71	Furnish and Install 6" DI MJ Plug	5	EA	$107.00	$535.00	$430.00	$2,150.00
B72	Furnish and Install 8" DI MJ Plug	5	EA	$155.00	$775.00	$460.00	$2,300.00
B73	Furnish and Install 10" DI MJ Plug	3	EA	$260.00	$780.00	$500.00	$1,500.00
B74	Furnish and Install 12" DI MJ Plug	3	EA	$263.00	$789.00	$550.00	$1,650.00
B75	Furnish and Install 16" DI MJ Plug	3	EA	$630.00	$1,890.00	$700.00	$2,100.00
B76	Furnish and Install 4" DI MJ Tee all braches	12	EA	$355.00	$4,260.00	$700.00	$8,400.00
B77	Furnish and Install 6" DI MJ Tee all braches	15	EA	$517.00	$7,755.00	$1,020.00	$15,300.00
TITLE: STORM SEWER REPLACEMENT AND NEW CONSTRUCTION							
BID NO.: CP-0570-19 SCHEDULE B-NORTH							
B78	Furnish and Install 8" DI MJ Tee all braches	15	EA	$720.00	$10,800.00	$1,070.00	$16,050.00
B79	Furnish and Install 10" DI MJ Tee all braches	3	EA	$929.00	$2,787.00	$1,090.00	$3,270.00
B80	Furnish and Install 12" DI MJ Tee all braches	9	EA	$1,300.00	$11,700.00	$1,129.00	$10,161.00
B81	Furnish and Install 16" DI MJ Tee all braches	9	EA	$1,650.00	$14,850.00	$1,800.00	$16,200.00
B82	Furnish and Install 6" DI MJ Reducer all sizes	5	EA	$625.00	$3,125.00	$750.00	$3,750.00
B83	Furnish and Install 8" DI MJ Reducer all sizes	5	EA	$850.00	$4,250.00	$900.00	$4,500.00
B84	Furnish and Install 10" DI MJ Reducer all sizes	3	EA	$1,050.00	$3,150.00	$1,100.00	$3,300.00
B85	Furnish and Install 12" DI MJ Reducer all sizes	3	EA	$1,350.00	$4,050.00	$1,200.00	$3,600.00
B86	Furnish and Install 16" DI MJ Reducer all sizes	3	EA	$2,320.00	$6,960.00	$1,500.00	$4,500.00
B87	Furnish and Install - 4" Pipe Bell Restraint	30	EA	$60.00	$1,800.00	$400.00	$12,000.00
B88	Furnish and Install - 6" Pipe Bell Restraint	40	EA	$80.00	$3,200.00	$450.00	$18,000.00
B89	Furnish and Install - 8" Pipe Bell Restraint	40	EA	$140.00	$5,600.00	$500.00	$20,000.00
B90	Furnish and Install - 10" Pipe Bell Restraint	20	EA	$165.00	$3,300.00	$590.00	$11,800.00
B91	Furnish and Install - 12" Pipe Bell Restraint	20	EA	$290.00	$5,800.00	$608.00	$12,160.00
B92	Furnish and Install - 16" Pipe Bell Restraint	20	EA	$357.00	$7,140.00	$1,154.00	$23,080.00

B93	Furnish and Install - 4" Split Ring Pipe Bell Restraint (Ex. Main)	30	EA	$70.00	$2,100.00	$350.00	$10,500.00
B94	Furnish and Install - 6" Split Ring Pipe Bell Restraint (Ex. Main)	40	EA	$90.00	$3,600.00	$420.00	$16,800.00
B95	Furnish and Install - 8" Split Ring Pipe Bell Restraint (Ex. Main)	40	EA	$150.00	$6,000.00	$500.00	$20,000.00
B96	Furnish and Install - 10" Split Ring Pipe Bell Restraint (Ex. Main)	20	EA	$175.00	$3,500.00	$590.00	$11,800.00
B97	Furnish and Install - 12" Split Ring Pipe Bell Restraint (Ex. Main)	20	EA	$290.00	$5,800.00	$608.00	$12,160.00
B98	Furnish and Install - 16" Split Ring Pipe Bell Restraint (Ex. Main)	20	EA	$357.00	$7,140.00	$1,154.00	$23,080.00
B99	Furnish and Install - Thrust Collar, 4" Pipe	10	EA	$510.00	$5,100.00	$1,100.00	$11,000.00
B100	Furnish and Install - Thrust Collar, 6" Pipe	10	EA	$560.00	$5,600.00	$1,200.00	$12,000.00
B101	Furnish and Install - Thrust Collar, 8" Pipe	10	EA	$670.00	$6,700.00	$1,250.00	$12,500.00
B102	Furnish and Install - Thrust Collar, 10" Pipe	10	EA	$730.00	$7,300.00	$1,312.00	$13,120.00
B103	Furnish and Install - Thrust Collar, 12" Pipe	10	EA	$970.00	$9,700.00	$1,450.00	$14,500.00
B104	Furnish and Install - Thrust Collar, 16" Pipe	8	EA	$1,200.00	$9,600.00	$1,512.00	$12,096.00
B105	Furnish and Install - New Water Service, 1" Short Side	20	EA	$670.00	$13,400.00	$2,823.00	$56,460.00
B106	Furnish and Install - New Water Service, 1" Long Side	20	EA	$1,340.00	$26,800.00	$3,462.00	$69,240.00
B107	Furnish and Install - New Water Service, 2" Short Side	8	EA	$920.00	$7,360.00	$2,950.00	$23,600.00
B108	Furnish and Install - New Water Service, 2" Long Side	8	EA	$1,620.00	$12,960.00	$3,525.00	$28,200.00
B109	Furnish and Install - New Water Service, Double 1" Short Side	8	EA	$730.00	$5,840.00	$2,900.00	$23,200.00
B110	Furnish and Install - New Water Service, Double 1" Long Side	8	EA	$1,440.00	$11,520.00	$3,500.00	$28,000.00
B111	Replace/Relocate Water Service, 1" Long Side	10	EA	$1,742.00	$17,420.00	$3,462.00	$34,620.00
B112	Replace/Relocate Water Service, 1" Short Side	10	EA	$870.00	$8,700.00	$2,823.00	$28,230.00
B113	Replace/Relocate Water Service, Double 1" Long Side	5	EA	$1,949.00	$9,745.00	$3,500.00	$17,500.00
B114	Replace/Relocate Water Service, Double 1" Short Side	5	EA	$972.00	$4,860.00	$2,823.00	$14,115.00
B115	Existing Water Meter Assembly Adjustment - Raise or Lower	6	EA	$350.00	$2,100.00	$575.00	$3,450.00
B116	4" Line Stop	6	EA	$1,750.00	$10,500.00	$5,000.00	$30,000.00
B117	6" Line Stop	6	EA	$3,500.00	$21,000.00	$5,500.00	$33,000.00
B118	8" Line Stop	6	EA	$5,250.00	$31,500.00	$6,500.00	$39,000.00
B119	10" Line Stop	8	EA	$7,000.00	$56,000.00	$8,000.00	$64,000.00
B120	12" Line Stop	8	EA	$8,750.00	$70,000.00	$9,000.00	$72,000.00
B121	4" Insert-a-Valve	6	EA	$4,500.00	$27,000.00	$8,000.00	$48,000.00
B122	6" Insert-a-Valve	6	EA	$4,900.00	$29,400.00	$10,000.00	$60,000.00
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B123	8" Insert-a-Valve	6	EA	$7,800.00	$46,800.00	$12,500.00	$75,000.00
B124	10" Insert-a-Valve	6	EA	$9,328.00	$55,968.00	$15,500.00	$93,000.00
B125	12" Insert-a-Valve	6	EA	$11,750.00	$70,500.00	$16,500.00	$111,000.00
B126	16" Insert-a-Valve	6	EA	$13,950.00	$83,700.00	$50,000.00	$300,000.00
B127	Compliance Sample Taps (W-27)	30	EA	$740.00	$22,200.00	$1,347.00	$40,410.00

B128	Temporary Sample Taps (W-25)	12	EA	$420.00	$5,040.00	$1,347.00	$16,164.00
B129	Furnish and Install - Fire Hydrant (FH)	10	EA	$7,200.00	$72,000.00	$3,838.00	$38,380.00
B130	Fire Hydrant (FH) Relocation	10	EA	$3,900.00	$39,000.00	$2,500.00	$25,000.00
B131	Furnish and Install - 4" MJ Gate Valve	12	EA	$990.00	$11,880.00	$1,500.00	$18,000.00
B132	Furnish and Install - 6" MJ Gate Valve	12	EA	$1,250.00	$15,000.00	$2,200.00	$26,400.00
B133	Furnish and Install - 8" MJ Gate Valve	12	EA	$1,840.00	$22,080.00	$2,800.00	$33,600.00
B134	Furnish and Install - 10" MJ Gate Valve	6	EA	$2,778.00	$16,668.00	$4,900.00	$29,400.00
B135	Furnish and Install - 12" MJ Gate Valve	9	EA	$3,414.00	$30,726.00	$5,200.00	$46,800.00
B136	Furnish and Install - 16" MJ Gate Valve	6	EA	$8,100.00	$48,600.00	$7,800.00	$46,800.00
B137	Furnish and Install - 4" Tapping Sleeve and Valve (any size outlet)	6	EA	$4,060.00	$24,360.00	$5,496.00	$32,976.00
B138	Furnish and Install - 6" Tapping Sleeve and Valve (any size outlet)	6	EA	$4,780.00	$28,680.00	$6,049.00	$36,294.00
B139	Furnish and Install - 8" Tapping Sleeve and Valve (any size outlet)	6	EA	$5,710.00	$34,260.00	$7,208.00	$43,248.00
B140	Furnish and Install - 10" Tapping Sleeve and Valve (any size outlet)	3	EA	$7,026.00	$21,078.00	$7,900.00	$23,700.00
B141	Furnish and Install - 12" Tapping Sleeve and Valve (any size outlet)	3	EA	$9,092.00	$27,276.00	$8,900.00	$26,700.00
B142	Furnish and Install - 16" Tapping Sleeve and Valve (any size outlet)	3	EA	$20,258.00	$60,774.00	$12,000.00	$36,000.00
B143	Furnish and Install - 1" Water Meter Box	12	EA	$419.00	$5,028.00	$550.00	$6,600.00
B144	Furnish and Install - 1.5" Water Meter Box	6	EA	$514.00	$3,084.00	$600.00	$3,600.00
B145	Furnish and Install - 2" Water Meter Box	6	EA	$560.00	$3,360.00	$700.00	$4,200.00
B146	Furnish and Install 4" MJ DI Fitting in Existing Pipeline	20	EA	$450.00	$9,000.00	$1,090.00	$21,800.00
B147	Furnish and Install 6" MJ DI Fitting in Existing Pipeline	30	EA	$630.00	$18,900.00	$1,150.00	$34,500.00
B148	Furnish and Install 8" MJ DI Fitting in Existing Pipeline	30	EA	$868.00	$26,040.00	$1,200.00	$36,000.00
B149	Furnish and Install 10" MJ DI Fitting in Existing Pipeline	10	EA	$1,341.00	$13,410.00	$1,290.00	$12,900.00
B150	Furnish and Install 12" MJ DI Fitting in Existing Pipeline	8	EA	$1,638.00	$13,104.00	$1,343.00	$10,744.00
B151	Furnish and Install 16" MJ DI Fitting in Existing Pipeline	8	EA	$3,892.00	$31,136.00	$3,180.00	$25,440.00
B152	Furnish and Install 4" Gate Valve in Existing Pipeline	3	EA	$1,746.00	$5,238.00	$2,900.00	$8,700.00
B153	Furnish and Install 6" Gate Valve in Existing Pipeline	3	EA	$2,152.00	$6,456.00	$3,550.00	$10,650.00
B154	Furnish and Install 8" Gate Valve in Existing Pipeline	3	EA	$3,220.00	$9,660.00	$3,900.00	$11,700.00
B155	Furnish and Install 10" Gate Valve in Existing Pipeline	3	EA	$4,861.00	$14,583.00	$5,800.00	$17,400.00
B156	Furnish and Install 12" Gate Valve in Existing Pipeline	3	EA	$5,972.00	$17,916.00	$6,463.00	$19,389.00
B157	Valve Box and Cover Adjustment	18	EA	$192.00	$3,456.00	$250.00	$4,500.00
B158	Furnish and Install - Flushing Valve, Below Grade	3	EA	$375.00	$1,125.00	$8,280.00	$24,840.00

B159	Furnish and Install - Air Release Valve	3	EA	$6,500.00	$19,500.00	$4,128.00	$12,384.00
	FORCEMAIN						
B160	Furnish and Install - 2" PVC Sch. 40 Pipe	30	LF	$4.00	$120.00	$29.00	$870.00
B161	Furnish and Install - 2" PVC Sch. 80 Pipe	30	LF	$7.00	$210.00	$30.00	$900.00
B162	Furnish and Install - 2" Polyethylene Pipe	30	LF	$5.00	$150.00	$25.00	$750.00
B163	Furnish and Install - 4" PVC DR 18 Pipe, Push On Joint	260	LF	$8.00	$2,080.00	$58.00	$15,080.00
B164	Furnish and Install - 6" PVC DR 18 Pipe, Push On Joint	260	LF	$15.00	$3,900.00	$65.00	$16,900.00
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B165	Furnish and Install - 8" PVC DR 18 Pipe, Push On Joint	260	LF	$25.00	$6,500.00	$75.00	$19,500.00
B166	Furnish and Install - 10" PVC DR 18 Pipe, Push On Joint	120	LF	$39.00	$4,680.00	$102.00	$12,240.00
B167	Furnish and Install - 12" PVC DR 18 Pipe, Push On Joint	120	LF	$56.00	$6,720.00	$110.00	$13,200.00
B168	Furnish and Install - 16" PVC DR 18 Pipe, Push On Joint	120	LF	$91.00	$10,920.00	$148.00	$17,760.00
B169	Furnishing Sewage Removal and Disposal	1	Allow	$10,000.00	$10,000.00	$10,000.00	$10,000.00
B170	Furnish and Install 4" MJ 90° Bend	6	EA	$512.00	$3,072.00	$600.00	$3,600.00
B171	Furnish and Install 4" MJ 45° Bend	12	EA	$492.00	$5,904.00	$595.00	$7,140.00
B172	Furnish and Install 4" MJ 22.5° Bend	6	EA	$487.00	$2,922.00	$598.00	$3,588.00
B173	Furnish and Install 6" MJ 90° Bend	6	EA	$750.00	$4,500.00	$900.00	$5,400.00
B174	Furnish and Install 6" MJ 45° Bend	12	EA	$725.00	$8,700.00	$890.00	$10,680.00
B175	Furnish and Install 6" MJ 22.5° Bend	6	EA	$687.00	$4,122.00	$880.00	$5,280.00
B176	Furnish and Install 8" MJ 90° Bend	6	EA	$1,055.00	$6,330.00	$1,000.00	$6,000.00
B177	Furnish and Install 8" MJ 45° Bend	12	EA	$980.00	$11,760.00	$990.00	$11,880.00
B178	Furnish and Install 8" MJ 22.5° Bend	6	EA	$972.00	$5,832.00	$980.00	$5,880.00
B179	Furnish and Install 10" MJ 90° Bend	4	EA	$1,200.00	$4,800.00	$1,100.00	$4,400.00
B180	Furnish and Install 10" MJ 45° Bend	10	EA	$1,080.00	$10,800.00	$1,090.00	$10,900.00
B181	Furnish and Install 10" MJ 22.5° Bend	4	EA	$1,080.00	$4,320.00	$1,080.00	$4,320.00
B182	Furnish and Install 12" MJ 90° Bend	4	EA	$1,490.00	$5,960.00	$1,244.00	$4,976.00
B183	Furnish and Install 12" MJ 45° Bend	10	EA	$1,376.00	$13,760.00	$1,235.00	$12,350.00
B184	Furnish and Install 12" MJ 22.5° Bend	4	EA	$1,310.00	$5,240.00	$1,225.00	$4,900.00
B185	Furnish and Install 16" DI MJ 90° Bend	4	EA	$2,850.00	$11,400.00	$2,285.00	$9,140.00
B186	Furnish and Install 16" DI MJ 45° Bend	10	EA	$2,550.00	$25,500.00	$2,100.00	$21,000.00
B187	Furnish and Install 16" DI MJ 22.5° Bend	4	EA	$2,510.00	$10,040.00	$2,020.00	$8,080.00
B188	Furnish and Install 4" MJ Plug	4	EA	$265.00	$1,060.00	$400.00	$1,600.00
B189	Furnish and Install 6" MJ Plug	4	EA	$432.00	$1,728.00	$430.00	$1,720.00
B190	Furnish and Install 8" MJ Plug	4	EA	$607.00	$2,428.00	$460.00	$1,840.00
B191	Furnish and Install 10" MJ Plug	3	EA	$937.00	$2,811.00	$500.00	$1,500.00
B192	Furnish and Install 12" MJ Plug	3	EA	$1,010.00	$3,030.00	$550.00	$1,650.00

B193	Furnish and Install 16" MJ Plug	3	EA	$1,757.00	$5,271.00	$700.00	$2,100.00
B194	Furnish and Install 4" MJ Tee all braches	4	EA	$960.00	$3,840.00	$700.00	$2,800.00
B195	Furnish and Install 6" MJ Tee all braches	4	EA	$1,362.00	$5,448.00	$1,020.00	$4,080.00
B196	Furnish and Install 8" MJ Tee all braches	4	EA	$1,900.00	$7,600.00	$1,070.00	$4,280.00
B197	Furnish and Install 10" MJ Tee all braches	3	EA	$2,365.00	$7,095.00	$1,090.00	$3,270.00
B198	Furnish and Install 12" MJ Tee all braches	3	EA	$2,700.00	$8,100.00	$1,129.00	$3,387.00
B199	Furnish and Install 16" MJ Tee all braches	2	EA	$3,975.00	$7,950.00	$1,800.00	$3,600.00
B200	Furnish and Install 6" MJ Reducer all sizes	3	EA	$635.00	$1,905.00	$750.00	$2,250.00
B201	Furnish and Install 8" MJ Reducer all sizes	3	EA	$860.00	$2,580.00	$900.00	$2,700.00
B202	Furnish and Install 10" MJ Reducer all sizes	3	EA	$1,150.00	$3,450.00	$1,100.00	$3,300.00
B203	Furnish and Install 12" MJ Reducer all sizes	3	EA	$1,450.00	$4,350.00	$1,200.00	$3,600.00
B204	Furnish and Install 16" MJ Reducer all sizes	3	EA	$2,430.00	$7,290.00	$1,500.00	$4,500.00
B205	Furnish and Install - 4" Pipe Bell Restraint	10	EA	$70.00	$700.00	$400.00	$4,000.00
B206	Furnish and Install - 6" Pipe Bell Restraint	10	EA	$90.00	$900.00	$450.00	$4,500.00
B207	Furnish and Install - 8" Pipe Bell Restraint	10	EA	$150.00	$1,500.00	$500.00	$5,000.00
B208	Furnish and Install - 10" Pipe Bell Restraint	6	EA	$260.00	$1,560.00	$590.00	$3,540.00
B209	Furnish and Install - 12" Pipe Bell Restraint	6	EA	$286.00	$1,716.00	$608.00	$3,648.00
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B210	Furnish and Install - 16" Pipe Bell Restraint	6	EA	$660.00	$3,960.00	$1,154.00	$6,924.00
B211	Furnish and Install - 4" Split Ring Pipe Bell Restraint (Ex. Main)	10	EA	$90.00	$900.00	$600.00	$6,000.00
B212	Furnish and Install - 6" Split Ring Pipe Bell Restraint (Ex. Main)	10	EA	$142.00	$1,420.00	$650.00	$6,500.00
B213	Furnish and Install - 8" Split Ring Pipe Bell Restraint (Ex. Main)	10	EA	$262.00	$2,620.00	$720.00	$7,200.00
B214	Furnish and Install - 10" Split Ring Pipe Bell Restraint (Ex. Main)	6	EA	$455.00	$2,730.00	$890.00	$5,340.00
B215	Furnish and Install - 12" Split Ring Pipe Bell Restraint (Ex. Main)	6	EA	$500.00	$3,000.00	$1,100.00	$6,600.00
B216	Furnish and Install - 16" Split Ring Pipe Bell Restraint (Ex. Main)	6	EA	$1,150.00	$6,900.00	$2,000.00	$12,000.00
B217	Furnish and Install - Thrust Collar, 4" Pipe	6	EA	$510.00	$3,060.00	$1,100.00	$6,600.00
B218	Furnish and Install - Thrust Collar, 6" Pipe	6	EA	$560.00	$3,360.00	$1,200.00	$7,200.00
B219	Furnish and Install - Thrust Collar, 8" Pipe	6	EA	$670.00	$4,020.00	$1,250.00	$7,500.00
B220	Furnish and Install - Thrust Collar, 10" Pipe	6	EA	$730.00	$4,380.00	$1,312.00	$7,872.00
B221	Furnish and Install - Thrust Collar, 12" Pipe	6	EA	$970.00	$5,820.00	$1,450.00	$8,700.00
B222	Furnish and Install - Thrust Collar, 16" Pipe	6	EA	$1,200.00	$7,200.00	$1,512.00	$9,072.00
B223	4" Line Stop	10	EA	$1,750.00	$17,500.00	$5,000.00	$50,000.00
B224	6" Line Stop	12	EA	$3,500.00	$42,000.00	$5,500.00	$66,000.00
B225	8" Line Stop	12	EA	$5,250.00	$63,000.00	$6,500.00	$78,000.00
B226	10" Line Stop	10	EA	$7,000.00	$70,000.00	$8,000.00	$80,000.00
B227	12" Line Stop	12	EA	$8,750.00	$105,000.00	$9,000.00	$108,000.00

B228	4" Insert-a-Valve	12	EA	$4,500.00	$54,000.00	$8,000.00	$96,000.00
B229	6" Insert-a-Valve	12	EA	$4,900.00	$58,800.00	$10,000.00	$120,000.00
B230	8" Insert-a-Valve	12	EA	$7,800.00	$93,600.00	$12,500.00	$150,000.00
B231	10" Insert-a-Valve	12	EA	$9,328.00	$111,936.00	$15,500.00	$186,000.00
B232	12" Insert-a-Valve	6	EA	$11,750.00	$70,500.00	$18,500.00	$111,000.00
B233	16" Insert-a-Valve	6	EA	$13,950.00	$83,700.00	$50,000.00	$300,000.00
B234	Furnish and Install - 4" MJ Gate Valve	6	EA	$998.00	$5,988.00	$1,500.00	$9,000.00
B235	Furnish and Install - 6" MJ Gate Valve	6	EA	$1,100.00	$6,600.00	$2,200.00	$13,200.00
B236	Furnish and Install - 8" MJ Gate Valve	6	EA	$1,840.00	$11,040.00	$2,800.00	$16,800.00
B237	Furnish and Install - 10" MJ Gate Valve	6	EA	$2,778.00	$16,668.00	$4,900.00	$29,400.00
B238	Furnish and Install - 12" MJ Gate Valve	3	EA	$3,754.00	$11,262.00	$5,200.00	$15,600.00
B239	Furnish and Install - 16" MJ Gate Valve	3	EA	$8,690.00	$26,070.00	$7,800.00	$23,400.00
B240	Furnish and Install - 4" Tapping Sleeve and Valve	3	EA	$4,147.00	$12,441.00	$5,496.00	$16,488.00
B241	Furnish and Install - 6" Tapping Sleeve and Valve (any size outlet)	3	EA	$4,872.00	$14,616.00	$6,049.00	$18,147.00
B242	Furnish and Install - 8" Tapping Sleeve and Valve (any size outlet)	3	EA	$6,300.00	$18,900.00	$7,203.00	$21,609.00
B243	Furnish and Install - 10" Tapping Sleeve and Valve (any size outlet)	3	EA	$8,937.00	$26,811.00	$7,900.00	$23,700.00
B244	Furnish and Install - 12" Tapping Sleeve and Valve (any size outlet)	3	EA	$11,542.00	$34,626.00	$8,900.00	$26,700.00
B245	Furnish and Install - 16" Tapping Sleeve and Valve (any size outlet)	3	EA	$25,680.00	$77,040.00	$12,000.00	$36,000.00
B246	Furnish and Install 4" MJ DI Fitting in Existing Pipeline	16	EA	$717.00	$11,472.00	$1,090.00	$17,440.00
B247	Furnish and Install 6" MJ DI Fitting in Existing Pipeline	16	EA	$1,050.00	$16,800.00	$1,150.00	$18,400.00
B248	Furnish and Install 8" MJ DI Fitting in Existing Pipeline	16	EA	$1,477.00	$23,632.00	$1,200.00	$19,200.00
B249	Furnish and Install 10" MJ DI Fitting in Existing Pipeline	10	EA	$2,100.00	$21,000.00	$1,290.00	$12,900.00
B250	Furnish and Install 12" MJ DI Fitting in Existing Pipeline	10	EA	$2,607.00	$26,070.00	$1,343.00	$13,430.00
B251	Furnish and Install 16" MJ DI Fitting in Existing Pipeline	8	EA	$4,984.00	$39,872.00	$3,180.00	$25,440.00
B252	Furnish and Install 4" Gate Valve in Existing Pipeline	3	EA	$1,746.00	$5,238.00	$2,900.00	$8,700.00
B253	Furnish and Install 6" Gate Valve in Existing Pipeline	3	EA	$1,925.00	$5,775.00	$3,550.00	$10,650.00
B254	Furnish and Install 8" Gate Valve in Existing Pipeline	3	EA	$3,220.00	$9,660.00	$3,900.00	$11,700.00
TITLE: STORM SEWER REPLACEMENT AND NEW CONSTRUCTION							
BID NO.: CP-0570-19 SCHEDULE B-NORTH							
B255	Furnish and Install 10" Gate Valve in Existing Pipeline	3	EA	$4,861.00	$14,583.00	$5,910.00	$17,730.00
B256	Furnish and Install 12" Gate Valve in Existing Pipeline	3	EA	$5,974.00	$17,922.00	$6,463.00	$19,389.00
B257	Furnish and Install 16" Gate Valve in Existing Pipeline	3	EA	$13,820.00	$41,460.00	$11,443.00	$34,329.00

B258	Furnish and Install Air Valve	6	EA	$9,310.00	$55,860.00	$4,128.00	$24,768.00
	Gravity Sewers						
	Sewage Manholes						
B259	Furnish and Install - Sewage Manhole Precast Type A 2'-4' deep	3	EA	$5,244.00	$15,732.00	$5,910.00	$17,730.00
B260	Furnish and Install - Sewage Manhole Precast Type A 4'-8' deep	3	EA	$6,534.00	$19,602.00	$10,020.00	$30,060.00
B261	Furnish and Install - Sewage Manhole Precast Type A 8'-12' deep	3	EA	$8,874.00	$26,622.00	$13,208.00	$39,624.00
B262	Furnish and Install - Sewage Manhole Precast Type B 2'-4' deep	3	EA	$6,414.00	$19,242.00	$7,225.00	$21,675.00
B263	Furnish and Install - Sewage Manhole Precast Type B 4'-8' deep	3	EA	$7,704.00	$23,112.00	$11,751.00	$35,253.00
B264	Furnish and Install - Sewage Manhole Precast Type B 8'-12' deep	3	EA	$10,044.00	$30,132.00	$16,646.00	$49,938.00
B265	Remove Existing Sewage Manhole 1'-4' depth	3	EA	$2,400.00	$7,200.00	$750.00	$2,250.00
B266	Remove Existing Sewage Manhole 4'-8' depth	3	EA	$4,600.00	$13,800.00	$1,050.00	$3,150.00
B267	Remove Existing Sewage Manhole 8'-12' depth	3	EA	$6,400.00	$19,200.00	$1,500.00	$4,500.00
B268	Remove and Construct Sewage Manhole, Type A, 2'-4' depth	3	EA	$7,644.00	$22,932.00	$7,105.00	$21,315.00
B269	Remove and Construct Sewage Manhole, Type A, 4'-8' depth	6	EA	$11,134.00	$66,804.00	$12,022.00	$72,132.00
B270	Remove and Construct Sewage Manhole, Type A, 8'-12' depth	3	EA	$15,274.00	$45,822.00	$17,243.00	$51,729.00
B271	Remove and Construct Sewage Manhole, Type B, 2'-4' depth	3	EA	$8,814.00	$26,442.00	$8,420.00	$25,260.00
B272	Remove and Construct Sewage Manhole, Type B, 4'-8' depth	6	EA	$12,304.00	$73,824.00	$13,753.00	$82,518.00
B273	Remove and Construct Sewage Manhole, Type B, 8'-12' depth	3	EA	$16,444.00	$49,332.00	$18,100.00	$54,300.00
B274	Connection To Existing Sewage Manhole 6" Service Lateral	5	EA	$1,260.00	$6,300.00	$3,663.00	$18,315.00
B275	Connection To Existing Sewage Manhole 4" Forcemain	3	EA	$980.00	$2,940.00	$2,662.00	$7,986.00
B276	Connection To Existing Sewage Manhole 6" Forcemain	3	EA	$1,410.00	$4,230.00	$3,663.00	$10,989.00
B277	Connection To Existing Sewage Manhole 8" Gravity Sewer	12	EA	$1,560.00	$18,720.00	$5,453.00	$65,436.00
B278	Construct Sanitary Manhole Frame & Cover Adjustment	6	EA	$890.00	$5,340.00	$1,347.00	$8,082.00
B279	Construct Sanitary Manhole Frame & Cover Adjustment w/ Existing MH Liner	6	EA	$2,150.00	$12,900.00	$2,200.00	$13,200.00
B280	Manhole Top Adjustment	6	EA	$350.00	$2,100.00	$1,347.00	$8,082.00
B281	Manhole Top Adjustment w/ Existing MH Liner	6	EA	$1,850.00	$11,100.00	$2,200.00	$13,200.00
	Gravity Piping						
B282	Wastewater Piping Furnish and Install -8" PVC SDR26 Pipe, Push On Joint, 4'-8' depth	160	LF	$52.00	$8,320.00	$122.00	$19,520.00
	GENERAL						
B283	Wastewater Piping Furnish and Install - 8" PVC SDR26 Pipe, Push On Joint, 8'-12' depth	120	LF	$140.00	$16,800.00	$166.00	$19,920.00
B284	Wastewater Piping Furnish and Install - 10" PVC SDR26 Pipe, Push On Joint, 4'-8' depth	120	LF	$65.00	$7,800.00	$125.00	$15,000.00

B285	Wastewater Piping Furnish and Install - 10" PVC SDR26 Pipe, Push On Joint, 8'-12' depth	100	LF	$195.00	$19,500.00	$170.00	$17,000.00
B286	Wastewater Piping-Remove & Replace - 8" PVC SDR26 Pipe, Push On Joint, 4'- 8' depth	200	LF	$73.00	$14,600.00	$144.00	$28,800.00
B287	Wastewater Piping-Remove & Replace - 8" PVC SDR26 Pipe, Push On Joint, 8'- 12' depth	100	LF	$161.00	$16,100.00	$185.00	$18,500.00
B288	Wastewater Piping-Remove & Replace - 10" PVC SDR26 Pipe, Push On Joint, 4'- 8' depth	120	LF	$86.00	$10,320.00	$144.00	$17,280.00
TITLE: STORM SEWER REPLACEMENT AND NEW CONSTRUCTION							
BID NO.: CP-0570-19 SCHEDULE B-NORTH							
B289	Wastewater Piping-Remove & Replace - 10" PVC SDR26 Pipe, Push On Joint, 8'- 12' depth	80	LF	$216.00	$17,280.00	$190.00	$15,200.00
B290	Wastewater Lateral Piping Furnish & Install	180	LF	$39.00	$7,020.00	$140.00	$25,200.00
B291	Wastewater Lateral Piping Remove & Replace	300	LF	$60.00	$18,000.00	$152.00	$45,600.00
B292	Lateral Connections at Wastewater main, 8" Main	6	EA	$810.00	$4,860.00	$9,200.00	$55,200.00
B293	Lateral Connections at Wastewater main, 10" Main	3	EA	$960.00	$2,880.00	$9,462.00	$28,386.00

TOTAL BASE BID (ITEMS B1-B293) $ **$4,561,573.00** **$7,216,280.00**

TITLE: STORM SEWER REPLACEMENT AND NEW CONSTRUCTION
BID NO.: CP-0570-19 SCHEDULE B-SOUTH — JEA
OPEN DATE: OCTOBER 31, 2018 @ 2:00 PM
BUYER: MARLEEN DORAN
No. Invited: (9) No. Received (2) No Bids: (0)

ITEM NO	DESCRIPTION	UNIT	QUANTITY	Jax Utilities Management, Inc.		Callaway Contracting, Inc.	
				UNIT PRICE	EXTENDED PRICE	UNIT PRICE	EXTENDED PRICE
	GENERAL						
B1	Abandonment of 4" Pipe - Sealing	20	EA	$110.00	$2,200.00	$1,400.00	$28,000.00
B2	Abandonment of 6" Pipe - Sealing	20	EA	$130.00	$2,600.00	$1,900.00	$38,000.00
B3	Abandonment of 8" Pipe - Sealing	10	EA	$220.00	$2,200.00	$2,071.00	$20,710.00
B4	Abandonment of 10" Pipe - Sealing	10	EA	$320.00	$3,200.00	$2,105.00	$21,050.00
B5	Abandonment of 12" Pipe - Sealing	10	EA	$340.00	$3,400.00	$2,105.00	$21,050.00
B6	Abandonment of 2" Pipe - Plugging	20	EA	$110.00	$2,200.00	$1,500.00	$30,000.00
B7	Abandonment of 4" Pipe - Plugging	20	EA	$130.00	$2,600.00	$1,900.00	$38,000.00
B8	Abandonment of 6" Pipe - Plugging	20	EA	$220.00	$4,400.00	$2,200.00	$44,000.00
B9	Abandonment of 8" Pipe - Plugging	10	EA	$320.00	$3,200.00	$2,348.00	$23,480.00
B10	Abandonment of 10" Pipe - Plugging	10	EA	$340.00	$3,400.00	$2,500.00	$25,000.00
B11	Abandonment of 12" Pipe - Plugging	10	EA	$390.00	$3,900.00	$2,694.00	$26,940.00
B12	Abandonment of 4" Pipe - Grout Fill, Pressure Pipe	500	LF	$3.00	$1,500.00	$51.00	$25,500.00
B13	Abandonment of 6" Pipe - Grout Fill, Pressure Pipe	1,000	LF	$8.00	$8,000.00	$60.00	$60,000.00
B14	Abandonment of 8" Pipe - Grout Fill, Pressure Pipe	1,000	LF	$13.00	$13,000.00	$63.90	$63,900.00
B15	Abandonment of 10" Pipe - Grout Fill, Pressure Pipe	300	LF	$22.00	$6,600.00	$70.00	$21,000.00
B16	Abandonment of 12" Pipe - Grout Fill, Pressure Pipe	300	LF	$29.00	$8,700.00	$74.28	$22,284.00
B17	Abandonment of 16" Pipe - Grout Fill, Pressure Pipe	300	LF	$55.00	$16,500.00	$89.00	$26,700.00
B18	Abandonment of 8" Pipe - Grout Fill, Gravity Sewer Main	400	LF	$13.00	$5,200.00	$63.90	$25,560.00
B19	Abandonment of 10" Pipe - Grout Fill, Gravity Sewer Main	400	LF	$22.00	$8,800.00	$70.00	$28,000.00
B20	Abandonment of 12" Pipe - Grout Fill, Gravity Sewer Main	400	LF	$29.00	$11,600.00	$74.28	$29,712.00
B21	Remove Pipe Below Grade - 4" (other than AC Pipe)	1,000	LF	$4.00	$4,000.00	$20.00	$20,000.00
B22	Remove Pipe Below Grade - 6" (other than AC Pipe)	1,000	LF	$5.00	$5,000.00	$22.00	$22,000.00
B23	Remove Pipe Below Grade - 8" (other than AC Pipe)	1,000	LF	$9.00	$9,000.00	$24.00	$24,000.00
B24	Remove Pipe Below Grade - 10" (other than AC Pipe)	600	LF	$12.00	$7,200.00	$26.00	$15,600.00
B25	Remove Pipe Below Grade - 12" (other than AC Pipe)	600	LF	$15.00	$9,000.00	$28.00	$16,800.00
B26	Remove Pipe Below Grade - 16" (other than AC Pipe)	300	LF	$21.00	$6,300.00	$30.00	$9,000.00

B27	Remove Pipe Below Grade - 4" (AC Pipe only)	1,000	LF	$16.00	$16,000.00	$30.00	$30,000.00
B28	Remove Pipe Below Grade - 6" (AC Pipe only)	1,000	LF	$24.00	$24,000.00	$32.00	$32,000.00
B29	Remove Pipe Below Grade - 8" (AC Pipe only)	400	LF	$39.00	$15,600.00	$34.00	$13,600.00
B30	Remove Pipe Below Grade - 10" (AC Pipe only)	200	LF	$66.00	$13,200.00	$36.00	$7,200.00
B31	JEA Bypass Pumping 4" Pump	15	DAY	$394.00	$5,910.00	$1,942.00	$29,130.00
B32	JEA Bypass Pumping 6" Pump	9	DAY	$650.00	$5,850.00	$2,200.00	$19,800.00
B33	JEA Bypass Pumping Mobilization/Demobilization for 4 or 6 inch Pump and Pipe less than 450 LF	5	EA	$20,120.00	$100,600.00	$1,768.00	$8,840.00
B34	JEA Bypass Pumping Mobilization/Demobilization for 4 or 6 inch Pump and Pipe 450-1,000 LF	3	EA	$24,610.00	$73,830.00	$2,447.00	$7,341.00
B35	JEA Asbuilt	9	EA	$2,700.00	$24,300.00	$2,500.00	$22,500.00

TITLE: STORM SEWER REPLACEMENT AND NEW CONSTRUCTION

BID NO.: CP-0570-19 SCHEDULE B-SOUTH

	WATER						
B36	Furnish and Install - 2" PVC Sch. 40 Pipe	60	LF	$4.00	$240.00	$29.00	$1,740.00
B37	Furnish and Install - 2" PVC Sch. 80 Pipe	60	LF	$7.00	$420.00	$30.00	$1,800.00
B38	Furnish and Install - 2" Polyethylene Pipe	200	LF	$5.00	$1,000.00	$25.00	$5,000.00
B39	Furnish and Install - 4" PVC DR 18 Pipe, Push On Joint	1,000	LF	$8.00	$8,000.00	$58.00	$58,000.00
B40	Furnish and Install - 6" PVC DR 18 Pipe, Push On Joint	1,000	LF	$15.00	$15,000.00	$65.00	$65,000.00
B41	Furnish and Install - 8" PVC DR 18 Pipe, Push On Joint	1,000	LF	$26.00	$26,000.00	$75.00	$75,000.00
B42	Furnish and Install - 10" PVC DR 18 Pipe, Push On Joint	250	LF	$36.00	$9,000.00	$102.00	$25,500.00
B43	Furnish and Install - 12" PVC DR 18 Pipe, Push On Joint	250	LF	$48.00	$12,000.00	$110.00	$27,500.00
B44	Furnish and Install - 16" PVC DR 18 Pipe, Push On Joint	250	LF	$53.00	$13,250.00	$137.00	$34,250.00
B45	Furnish and Install - 4" Ductile Iron Pipe, Push On Joint	200	LF	$42.00	$8,400.00	$90.00	$18,000.00
B46	Furnish and Install - 6" Ductile Iron Pipe, Push On Joint	200	LF	$46.00	$9,200.00	$101.00	$20,200.00
B47	Furnish and Install - 8" Ductile Iron Pipe, Push On Joint	200	LF	$54.00	$10,800.00	$110.00	$22,000.00
B48	Furnish and Install - 10" Ductile Iron Pipe, Push On Joint	120	LF	$69.00	$8,280.00	$128.00	$15,360.00
B49	Furnish and Install - 12" Ductile Iron Pipe, Push On Joint	200	LF	$89.00	$17,800.00	$147.00	$29,400.00
B50	Furnish and Install - 16" Ductile Iron Pipe, Push On Joint	200	LF	$135.00	$27,000.00	$190.00	$38,000.00
B51	Furnish and Install 4" DI MJ 90° Bend	12	EA	$250.00	$3,000.00	$600.00	$7,200.00
B52	Furnish and Install 4" DI MJ 45° Bend	40	EA	$235.00	$9,400.00	$595.00	$23,800.00
B53	Furnish and Install 4" DI MJ 22.5° Bend	9	EA	$227.00	$2,043.00	$590.00	$5,310.00
B54	Furnish and Install 6" DI MJ 90° Bend	12	EA	$350.00	$4,200.00	$900.00	$10,800.00
B55	Furnish and Install 6" DI MJ 45° Bend	40	EA	$317.00	$12,680.00	$890.00	$35,600.00
B56	Furnish and Install 6" DI MJ 22.5° Bend	9	EA	$307.00	$2,763.00	$880.00	$7,920.00

B57	Furnish and Install 8" DI MJ 90° Bend	12	EA	$482.00	$5,784.00	$1,000.00	$12,000.00
B58	Furnish and Install 8" DI MJ 45° Bend	40	EA	$440.00	$17,600.00	$990.00	$39,600.00
B59	Furnish and Install 8" DI MJ 22.5° Bend	9	EA	$437.00	$3,933.00	$980.00	$8,820.00
B60	Furnish and Install 10" DI MJ 90° Bend	10	EA	$745.00	$7,450.00	$1,100.00	$11,000.00
B61	Furnish and Install 10" DI MJ 45° Bend	16	EA	$650.00	$10,400.00	$1,090.00	$17,440.00
B62	Furnish and Install 10" DI MJ 22.5° Bend	6	EA	$650.00	$3,900.00	$1,080.00	$6,480.00
B63	Furnish and Install 12" DI MJ 90° Bend	10	EA	$910.00	$9,100.00	$1,244.00	$12,440.00
B64	Furnish and Install 12" DI MJ 45° Bend	16	EA	$825.00	$13,200.00	$1,235.00	$19,760.00
B65	Furnish and Install 12" DI MJ 22.5° Bend	6	EA	$447.00	$2,682.00	$1,225.00	$7,350.00
B66	Furnish and Install 16" DI MJ 90° Bend	10	EA	$2,100.00	$21,000.00	$1,400.00	$14,000.00
B67	Furnish and Install 16" DI MJ 45° Bend	16	EA	$1,840.00	$29,440.00	$1,390.00	$22,240.00
	GENERAL						
B68	Furnish and Install 16" DI MJ 22.5° Bend	6	EA	$1,822.00	$10,932.00	$1,380.00	$8,280.00
B69	Furnish and Install 4" DI MJ Plug W/2" Tap Connection	9	EA	$105.00	$945.00	$455.00	$4,095.00
B70	Furnish and Install 4" DI MJ Plug	5	EA	$68.00	$340.00	$400.00	$2,000.00
B71	Furnish and Install 6" DI MJ Plug	5	EA	$107.00	$535.00	$430.00	$2,150.00
B72	Furnish and Install 8" DI MJ Plug	5	EA	$155.00	$775.00	$460.00	$2,300.00
B73	Furnish and Install 10" DI MJ Plug	3	EA	$260.00	$780.00	$500.00	$1,500.00
B74	Furnish and Install 12" DI MJ Plug	3	EA	$263.00	$789.00	$550.00	$1,650.00
B75	Furnish and Install 16" DI MJ Plug	3	EA	$630.00	$1,890.00	$700.00	$2,100.00
B76	Furnish and Install 4" DI MJ Tee all braches	12	EA	$355.00	$4,260.00	$700.00	$8,400.00
B77	Furnish and Install 6" DI MJ Tee all braches	15	EA	$517.00	$7,755.00	$1,020.00	$15,300.00
TITLE: STORM SEWER REPLACEMENT AND NEW CONSTRUCTION							
BID NO.: CP-0570-19 SCHEDULE B-SOUTH							
B78	Furnish and Install 8" DI MJ Tee all braches	15	EA	$720.00	$10,800.00	$1,070.00	$16,050.00
B79	Furnish and Install 10" DI MJ Tee all braches	3	EA	$929.00	$2,787.00	$1,090.00	$3,270.00
B80	Furnish and Install 12" DI MJ Tee all braches	9	EA	$1,300.00	$11,700.00	$1,129.00	$10,161.00
B81	Furnish and Install 16" DI MJ Tee all braches	9	EA	$1,650.00	$14,850.00	$1,800.00	$16,200.00
B82	Furnish and Install 6" DI MJ Reducer all sizes	5	EA	$625.00	$3,125.00	$750.00	$3,750.00
B83	Furnish and Install 8" DI MJ Reducer all sizes	5	EA	$850.00	$4,250.00	$900.00	$4,500.00
B84	Furnish and Install 10" DI MJ Reducer all sizes	3	EA	$1,050.00	$3,150.00	$1,100.00	$3,300.00
B85	Furnish and Install 12" DI MJ Reducer all sizes	3	EA	$1,350.00	$4,050.00	$1,200.00	$3,600.00
B86	Furnish and Install 16" DI MJ Reducer all sizes	3	EA	$2,320.00	$6,960.00	$1,500.00	$4,500.00
B87	Furnish and Install - 4" Pipe Bell Restraint	30	EA	$60.00	$1,800.00	$400.00	$12,000.00
B88	Furnish and Install - 6" Pipe Bell Restraint	40	EA	$80.00	$3,200.00	$450.00	$18,000.00
B89	Furnish and Install - 8" Pipe Bell Restraint	40	EA	$140.00	$5,600.00	$500.00	$20,000.00

B90	Furnish and Install - 10" Pipe Bell Restraint	20	EA	$165.00	$3,300.00	$590.00	$11,800.00
B91	Furnish and Install - 12" Pipe Bell Restraint	20	EA	$290.00	$5,800.00	$608.00	$12,160.00
B92	Furnish and Install - 16" Pipe Bell Restraint	20	EA	$357.00	$7,140.00	$1,154.00	$23,080.00
B93	Furnish and Install - 4" Split Ring Pipe Bell Restraint (Ex. Main)	30	EA	$70.00	$2,100.00	$350.00	$10,500.00
B94	Furnish and Install - 6" Split Ring Pipe Bell Restraint (Ex. Main)	40	EA	$90.00	$3,600.00	$420.00	$16,800.00
B95	Furnish and Install - 8" Split Ring Pipe Bell Restraint (Ex. Main)	40	EA	$150.00	$6,000.00	$500.00	$20,000.00
B96	Furnish and Install - 10" Split Ring Pipe Bell Restraint (Ex. Main)	20	EA	$175.00	$3,500.00	$590.00	$11,800.00
B97	Furnish and Install - 12" Split Ring Pipe Bell Restraint (Ex. Main)	20	EA	$290.00	$5,800.00	$608.00	$12,160.00
B98	Furnish and Install - 16" Split Ring Pipe Bell Restraint (Ex. Main)	20	EA	$357.00	$7,140.00	$1,154.00	$23,080.00
B99	Furnish and Install - Thrust Collar, 4" Pipe	10	EA	$510.00	$5,100.00	$1,100.00	$11,000.00
B100	Furnish and Install - Thrust Collar, 6" Pipe	10	EA	$560.00	$5,600.00	$1,200.00	$12,000.00
B101	Furnish and Install - Thrust Collar, 8" Pipe	10	EA	$670.00	$6,700.00	$1,250.00	$12,500.00
B102	Furnish and Install - Thrust Collar, 10" Pipe	10	EA	$730.00	$7,300.00	$1,312.00	$13,120.00
B103	Furnish and Install - Thrust Collar, 12" Pipe	10	EA	$970.00	$9,700.00	$1,450.00	$14,500.00
B104	Furnish and Install - Thrust Collar, 16" Pipe	8	EA	$1,200.00	$9,600.00	$1,512.00	$12,096.00
B105	Furnish and Install - New Water Service, 1" Short Side	20	EA	$670.00	$13,400.00	$2,823.00	$56,460.00
B106	Furnish and Install - New Water Service, 1" Long Side	20	EA	$1,340.00	$26,800.00	$3,462.00	$69,240.00
B107	Furnish and Install - New Water Service, 2" Short Side	8	EA	$920.00	$7,360.00	$2,950.00	$23,600.00
B108	Furnish and Install - New Water Service, 2" Long Side	8	EA	$1,620.00	$12,960.00	$3,525.00	$28,200.00
B109	Furnish and Install - New Water Service, Double 1" Short Side	8	EA	$730.00	$5,840.00	$2,900.00	$23,200.00
B110	Furnish and Install - New Water Service, Double 1" Long Side	8	EA	$1,440.00	$11,520.00	$3,500.00	$28,000.00
B111	Replace/Relocate Water Service, 1" Long Side	10	EA	$1,742.00	$17,420.00	$3,462.00	$34,620.00
B112	Replace/Relocate Water Service, 1" Short Side	10	EA	$870.00	$8,700.00	$2,823.00	$28,230.00
B113	Replace/Relocate Water Service, Double 1" Long Side	5	EA	$1,949.00	$9,745.00	$3,500.00	$17,500.00
B114	Replace/Relocate Water Service, Double 1" Short Side	5	EA	$972.00	$4,860.00	$2,823.00	$14,115.00
B115	Existing Water Meter Assembly Adjustment - Raise or Lower	6	EA	$350.00	$2,100.00	$575.00	$3,450.00
B116	4" Line Stop	6	EA	$1,750.00	$10,500.00	$5,000.00	$30,000.00

B117	6" Line Stop	6	EA	$3,500.00	$21,000.00	$5,500.00	$33,000.00
B118	8" Line Stop	6	EA	$5,250.00	$31,500.00	$6,500.00	$39,000.00
B119	10" Line Stop	8	EA	$7,000.00	$56,000.00	$8,000.00	$64,000.00
B120	12" Line Stop	8	EA	$8,750.00	$70,000.00	$9,000.00	$72,000.00
B121	4" Insert-a-Valve	6	EA	$4,500.00	$27,000.00	$8,000.00	$48,000.00
B122	6" Insert-a-Valve	6	EA	$4,900.00	$29,400.00	$10,000.00	$60,000.00
TITLE: STORM SEWER REPLACEMENT AND NEW CONSTRUCTION							
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B123	8" Insert-a-Valve	6	EA	$7,800.00	$46,800.00	$12,500.00	$75,000.00
B124	10" Insert-a-Valve	6	EA	$9,328.00	$55,968.00	$15,500.00	$93,000.00
B125	12" Insert-a-Valve	6	EA	$11,750.00	$70,500.00	$18,500.00	$111,000.00
B126	16" Insert-a-Valve	6	EA	$13,950.00	$83,700.00	$50,000.00	$300,000.00
B127	Compliance Sample Taps (W-27)	30	EA	$740.00	$22,200.00	$1,347.00	$40,410.00
B128	Temporary Sample Taps (W-25)	12	EA	$420.00	$5,040.00	$1,347.00	$16,164.00
B129	Furnish and Install - Fire Hydrant (FH)	10	EA	$7,200.00	$72,000.00	$3,838.00	$38,380.00
B130	Fire Hydrant (FH) Relocation	10	EA	$3,900.00	$39,000.00	$2,500.00	$25,000.00
B131	Furnish and Install - 4" MJ Gate Valve	12	EA	$990.00	$11,880.00	$1,500.00	$18,000.00
B132	Furnish and Install - 6" MJ Gate Valve	12	EA	$1,250.00	$15,000.00	$2,200.00	$26,400.00
B133	Furnish and Install - 8" MJ Gate Valve	12	EA	$1,840.00	$22,080.00	$2,800.00	$33,600.00
B134	Furnish and Install - 10" MJ Gate Valve	6	EA	$2,778.00	$16,668.00	$4,900.00	$29,400.00
B135	Furnish and Install - 12" MJ Gate Valve	9	EA	$3,414.00	$30,726.00	$5,200.00	$46,800.00
B136	Furnish and Install - 16" MJ Gate Valve	6	EA	$8,100.00	$48,600.00	$7,800.00	$46,800.00
B137	Furnish and Install - 4" Tapping Sleeve and Valve (any size outlet)	6	EA	$4,060.00	$24,360.00	$5,496.00	$32,976.00
B138	Furnish and Install - 6" Tapping Sleeve and Valve (any size outlet)	6	EA	$4,780.00	$28,680.00	$6,049.00	$36,294.00
B139	Furnish and Install - 8" Tapping Sleeve and Valve (any size outlet)	6	EA	$5,710.00	$34,260.00	$7,208.00	$43,248.00
B140	Furnish and Install - 10" Tapping Sleeve and Valve (any size outlet)	3	EA	$7,026.00	$21,078.00	$7,900.00	$23,700.00
B141	Furnish and Install - 12" Tapping Sleeve and Valve (any size outlet)	3	EA	$9,092.00	$27,276.00	$8,900.00	$26,700.00
B142	Furnish and Install - 16" Tapping Sleeve and Valve (any size outlet)	3	EA	$20,258.00	$60,774.00	$12,000.00	$36,000.00
B143	Furnish and Install - 1" Water Meter Box	12	EA	$419.00	$5,028.00	$550.00	$6,600.00
B144	Furnish and Install - 1.5" Water Meter Box	6	EA	$514.00	$3,084.00	$600.00	$3,600.00

B145	Furnish and Install - 2" Water Meter Box	6	EA	$560.00	$3,360.00	$700.00	$4,200.00
B146	Furnish and Install 4" MJ DI Fitting in Existing Pipeline	20	EA	$450.00	$9,000.00	$1,090.00	$21,800.00
B147	Furnish and Install 6" MJ DI Fitting in Existing Pipeline	30	EA	$630.00	$18,900.00	$1,150.00	$34,500.00
B148	Furnish and Install 8" MJ DI Fitting in Existing Pipeline	30	EA	$868.00	$26,040.00	$1,200.00	$36,000.00
B149	Furnish and Install 10" MJ DI Fitting in Existing Pipeline	10	EA	$1,341.00	$13,410.00	$1,290.00	$12,900.00
B150	Furnish and Install 12" MJ DI Fitting in Existing Pipeline	8	EA	$1,638.00	$13,104.00	$1,343.00	$10,744.00
B151	Furnish and Install 16" MJ DI Fitting in Existing Pipeline	8	EA	$3,892.00	$31,136.00	$3,180.00	$25,440.00
B152	Furnish and Install 4" Gate Valve in Existing Pipeline	3	EA	$1,746.00	$5,238.00	$2,900.00	$8,700.00
B153	Furnish and Install 6" Gate Valve in Existing Pipeline	3	EA	$2,152.00	$6,456.00	$3,550.00	$10,650.00
B154	Furnish and Install 8" Gate Valve in Existing Pipeline	3	EA	$3,220.00	$9,660.00	$3,900.00	$11,700.00
B155	Furnish and Install 10" Gate Valve in Existing Pipeline	3	EA	$4,861.00	$14,583.00	$5,800.00	$17,400.00
B156	Furnish and Install 12" Gate Valve in Existing Pipeline	3	EA	$5,972.00	$17,916.00	$6,463.00	$19,389.00
B157	Valve Box and Cover Adjustment	18	EA	$192.00	$3,456.00	$250.00	$4,500.00
B158	Furnish and Install - Flushing Valve, Below Grade	3	EA	$375.00	$1,125.00	$8,280.00	$24,840.00
B159	Furnish and Install - Air Release Valve	3	EA	$6,500.00	$19,500.00	$4,128.00	$12,384.00
	FORCEMAIN						
B160	Furnish and Install - 2" PVC Sch. 40 Pipe	30	LF	$4.00	$120.00	$29.00	$870.00
B161	Furnish and Install - 2" PVC Sch. 80 Pipe	30	LF	$7.00	$210.00	$30.00	$900.00
B162	Furnish and Install - 2" Polyethylene Pipe	30	LF	$5.00	$150.00	$25.00	$750.00
B163	Furnish and Install - 4" PVC DR 18 Pipe, Push On Joint	260	LF	$8.00	$2,080.00	$58.00	$15,080.00
B164	Furnish and Install - 6" PVC DR 18 Pipe, Push On Joint	260	LF	$15.00	$3,900.00	$65.00	$16,900.00
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B165	Furnish and Install - 8" PVC DR 18 Pipe, Push On Joint	260	LF	$25.00	$6,500.00	$75.00	$19,500.00
B166	Furnish and Install - 10" PVC DR 18 Pipe, Push On Joint	120	LF	$39.00	$4,680.00	$102.00	$12,240.00
B167	Furnish and Install - 12" PVC DR 18 Pipe, Push On Joint	120	LF	$56.00	$6,720.00	$110.00	$13,200.00
B168	Furnish and Install - 16" PVC DR 18 Pipe, Push On Joint	120	LF	$91.00	$10,920.00	$148.00	$17,760.00
B169	Furnishing Sewage Removal and Disposal	1	Allow	$10,000.00	$10,000.00	$10,000.00	$10,000.00
B170	Furnish and Install 4" MJ 90° Bend	6	EA	$512.00	$3,072.00	$600.00	$3,600.00
B171	Furnish and Install 4" MJ 45° Bend	12	EA	$492.00	$5,904.00	$595.00	$7,140.00
B172	Furnish and Install 4" MJ 22.5° Bend	6	EA	$487.00	$2,922.00	$598.00	$3,588.00
B173	Furnish and Install 6" MJ 90° Bend	6	EA	$750.00	$4,500.00	$900.00	$5,400.00
B174	Furnish and Install 6" MJ 45° Bend	12	EA	$725.00	$8,700.00	$890.00	$10,680.00
B175	Furnish and Install 6" MJ 22.5° Bend	6	EA	$687.00	$4,122.00	$880.00	$5,280.00
B176	Furnish and Install 8" MJ 90° Bend	6	EA	$1,055.00	$6,330.00	$1,000.00	$6,000.00
B177	Furnish and Install 8" MJ 45° Bend	12	EA	$980.00	$11,760.00	$990.00	$11,880.00

B178	Furnish and Install 8" MJ 22.5° Bend	6	EA	$972.00	$5,832.00	$980.00	$5,880.00
B179	Furnish and Install 10" MJ 90° Bend	4	EA	$1,200.00	$4,800.00	$1,100.00	$4,400.00
B180	Furnish and Install 10" MJ 45° Bend	10	EA	$1,080.00	$10,800.00	$1,090.00	$10,900.00
B181	Furnish and Install 10" MJ 22.5° Bend	4	EA	$1,080.00	$4,320.00	$1,080.00	$4,320.00
B182	Furnish and Install 12" MJ 90° Bend	4	EA	$1,490.00	$5,960.00	$1,244.00	$4,976.00
B183	Furnish and Install 12" MJ 45° Bend	10	EA	$1,376.00	$13,760.00	$1,235.00	$12,350.00
B184	Furnish and Install 12" MJ 22.5° Bend	4	EA	$1,310.00	$5,240.00	$1,225.00	$4,900.00
B185	Furnish and Install 16" DI MJ 90° Bend	4	EA	$2,850.00	$11,400.00	$2,285.00	$9,140.00
B186	Furnish and Install 16" DI MJ 45° Bend	10	EA	$2,550.00	$25,500.00	$2,100.00	$21,000.00
B187	Furnish and Install 16" DI MJ 22.5° Bend	4	EA	$2,510.00	$10,040.00	$2,020.00	$8,080.00
B188	Furnish and Install 4" MJ Plug	4	EA	$265.00	$1,060.00	$400.00	$1,600.00
B189	Furnish and Install 6" MJ Plug	4	EA	$432.00	$1,728.00	$430.00	$1,720.00
B190	Furnish and Install 8" MJ Plug	4	EA	$607.00	$2,428.00	$460.00	$1,840.00
B191	Furnish and Install 10" MJ Plug	3	EA	$937.00	$2,811.00	$500.00	$1,500.00
B192	Furnish and Install 12" MJ Plug	3	EA	$1,010.00	$3,030.00	$550.00	$1,650.00
B193	Furnish and Install 16" MJ Plug	3	EA	$1,757.00	$5,271.00	$700.00	$2,100.00
B194	Furnish and Install 4" MJ Tee all braches	4	EA	$960.00	$3,840.00	$700.00	$2,800.00
B195	Furnish and Install 6" MJ Tee all braches	4	EA	$1,362.00	$5,448.00	$1,020.00	$4,080.00
B196	Furnish and Install 8" MJ Tee all braches	4	EA	$1,900.00	$7,600.00	$1,070.00	$4,280.00
B197	Furnish and Install 10" MJ Tee all braches	3	EA	$2,365.00	$7,095.00	$1,090.00	$3,270.00
B198	Furnish and Install 12" MJ Tee all braches	3	EA	$2,700.00	$8,100.00	$1,129.00	$3,387.00
B199	Furnish and Install 16" MJ Tee all braches	2	EA	$3,975.00	$7,950.00	$1,800.00	$3,600.00
B200	Furnish and Install 6" MJ Reducer all sizes	3	EA	$635.00	$1,905.00	$750.00	$2,250.00
B201	Furnish and Install 8" MJ Reducer all sizes	3	EA	$860.00	$2,580.00	$900.00	$2,700.00
B202	Furnish and Install 10" MJ Reducer all sizes	3	EA	$1,150.00	$3,450.00	$1,100.00	$3,300.00
B203	Furnish and Install 12" MJ Reducer all sizes	3	EA	$1,450.00	$4,350.00	$1,200.00	$3,600.00
B204	Furnish and Install 16" MJ Reducer all sizes	3	EA	$2,430.00	$7,290.00	$1,500.00	$4,500.00
B205	Furnish and Install - 4" Pipe Bell Restraint	10	EA	$70.00	$700.00	$400.00	$4,000.00
B206	Furnish and Install - 6" Pipe Bell Restraint	10	EA	$90.00	$900.00	$450.00	$4,500.00
B207	Furnish and Install - 8" Pipe Bell Restraint	10	EA	$150.00	$1,500.00	$500.00	$5,000.00
B208	Furnish and Install - 10" Pipe Bell Restraint	6	EA	$260.00	$1,560.00	$590.00	$3,540.00
B209	Furnish and Install - 12" Pipe Bell Restraint	6	EA	$286.00	$1,716.00	$608.00	$3,648.00
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B210	Furnish and Install - 16" Pipe Bell Restraint	6	EA	$660.00	$3,960.00	$1,154.00	$6,924.00

B211	Furnish and Install - 4" Split Ring Pipe Bell Restraint (Ex. Main)	10	EA	$90.00	$900.00	$600.00	$6,000.00
B212	Furnish and Install - 6" Split Ring Pipe Bell Restraint (Ex. Main)	10	EA	$142.00	$1,420.00	$650.00	$6,500.00
B213	Furnish and Install - 8" Split Ring Pipe Bell Restraint (Ex. Main)	10	EA	$262.00	$2,620.00	$720.00	$7,200.00
B214	Furnish and Install - 10" Split Ring Pipe Bell Restraint (Ex. Main)	6	EA	$455.00	$2,730.00	$890.00	$5,340.00
B215	Furnish and Install - 12" Split Ring Pipe Bell Restraint (Ex. Main)	6	EA	$500.00	$3,000.00	$1,100.00	$6,600.00
B216	Furnish and Install - 16" Split Ring Pipe Bell Restraint (Ex. Main)	6	EA	$1,150.00	$6,900.00	$2,000.00	$12,000.00
B217	Furnish and Install - Thrust Collar, 4" Pipe	6	EA	$510.00	$3,060.00	$1,100.00	$6,600.00
B218	Furnish and Install - Thrust Collar, 6" Pipe	6	EA	$560.00	$3,360.00	$1,200.00	$7,200.00
B219	Furnish and Install - Thrust Collar, 8" Pipe	6	EA	$670.00	$4,020.00	$1,250.00	$7,500.00
B220	Furnish and Install - Thrust Collar, 10" Pipe	6	EA	$730.00	$4,380.00	$1,312.00	$7,872.00
B221	Furnish and Install - Thrust Collar, 12" Pipe	6	EA	$970.00	$5,820.00	$1,450.00	$8,700.00
B222	Furnish and Install - Thrust Collar, 16" Pipe	6	EA	$1,200.00	$7,200.00	$1,512.00	$9,072.00
B223	4" Line Stop	10	EA	$1,750.00	$17,500.00	$5,000.00	$50,000.00
B224	6" Line Stop	12	EA	$3,500.00	$42,000.00	$5,500.00	$66,000.00
B225	8" Line Stop	12	EA	$5,250.00	$63,000.00	$6,500.00	$78,000.00
B226	10" Line Stop	10	EA	$7,000.00	$70,000.00	$8,000.00	$80,000.00
B227	12" Line Stop	12	EA	$8,750.00	$105,000.00	$9,000.00	$108,000.00
B228	4" Insert-a-Valve	12	EA	$4,500.00	$54,000.00	$8,000.00	$96,000.00
B229	6" Insert-a-Valve	12	EA	$4,900.00	$58,800.00	$10,000.00	$120,000.00
B230	8" Insert-a-Valve	12	EA	$7,800.00	$93,600.00	$12,500.00	$150,000.00
B231	10" Insert-a-Valve	12	EA	$9,328.00	$111,936.00	$15,500.00	$186,000.00
B232	12" Insert-a-Valve	6	EA	$11,750.00	$70,500.00	$18,500.00	$111,000.00
B233	16" Insert-a-Valve	6	EA	$13,950.00	$83,700.00	$50,000.00	$300,000.00
B234	Furnish and Install - 4" MJ Gate Valve	6	EA	$998.00	$5,988.00	$1,500.00	$9,000.00
B235	Furnish and Install - 6" MJ Gate Valve	6	EA	$1,100.00	$6,600.00	$2,200.00	$13,200.00
B236	Furnish and Install - 8" MJ Gate Valve	6	EA	$1,840.00	$11,040.00	$2,800.00	$16,800.00
B237	Furnish and Install - 10" MJ Gate Valve	6	EA	$2,778.00	$16,668.00	$4,900.00	$29,400.00
B238	Furnish and Install - 12" MJ Gate Valve	3	EA	$3,754.00	$11,262.00	$5,200.00	$15,600.00
B239	Furnish and Install - 16" MJ Gate Valve	3	EA	$8,690.00	$26,070.00	$7,800.00	$23,400.00
B240	Furnish and Install - 4" Tapping Sleeve and Valve	3	EA	$4,147.00	$12,441.00	$5,496.00	$16,488.00

B241	Furnish and Install - 6" Tapping Sleeve and Valve (any size outlet)	3	EA	$4,872.00	$14,616.00	$6,049.00	$18,147.00
B242	Furnish and Install - 8" Tapping Sleeve and Valve (any size outlet)	3	EA	$6,300.00	$18,900.00	$7,203.00	$21,609.00
B243	Furnish and Install - 10" Tapping Sleeve and Valve (any size outlet)	3	EA	$8,937.00	$26,811.00	$7,900.00	$23,700.00
B244	Furnish and Install - 12" Tapping Sleeve and Valve (any size outlet)	3	EA	$11,542.00	$34,626.00	$8,900.00	$26,700.00
B245	Furnish and Install - 16" Tapping Sleeve and Valve (any size outlet)	3	EA	$25,680.00	$77,040.00	$12,000.00	$36,000.00
B246	Furnish and Install 4" MJ DI Fitting in Existing Pipeline	16	EA	$717.00	$11,472.00	$1,090.00	$17,440.00
B247	Furnish and Install 6" MJ DI Fitting in Existing Pipeline	16	EA	$1,050.00	$16,800.00	$1,150.00	$18,400.00
B248	Furnish and Install 8" MJ DI Fitting in Existing Pipeline	16	EA	$1,477.00	$23,632.00	$1,200.00	$19,200.00
B249	Furnish and Install 10" MJ DI Fitting in Existing Pipeline	10	EA	$2,100.00	$21,000.00	$1,290.00	$12,900.00
B250	Furnish and Install 12" MJ DI Fitting in Existing Pipeline	10	EA	$2,607.00	$26,070.00	$1,343.00	$13,430.00
B251	Furnish and Install 16" MJ DI Fitting in Existing Pipeline	8	EA	$4,984.00	$39,872.00	$3,180.00	$25,440.00
B252	Furnish and Install 4" Gate Valve in Existing Pipeline	3	EA	$1,746.00	$5,238.00	$2,900.00	$8,700.00
B253	Furnish and Install 6" Gate Valve in Existing Pipeline	3	EA	$1,925.00	$5,775.00	$3,550.00	$10,650.00
B254	Furnish and Install 8" Gate Valve in Existing Pipeline	3	EA	$3,220.00	$9,660.00	$3,900.00	$11,700.00
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B255	Furnish and Install 10" Gate Valve in Existing Pipeline	3	EA	$4,861.00	$14,583.00	$5,910.00	$17,730.00
B256	Furnish and Install 12" Gate Valve in Existing Pipeline	3	EA	$5,974.00	$17,922.00	$6,463.00	$19,389.00
B257	Furnish and Install 16" Gate Valve in Existing Pipeline	3	EA	$13,820.00	$41,460.00	$11,443.00	$34,329.00
B258	Furnish and Install Air Valve	6	EA	$9,310.00	$55,860.00	$4,128.00	$24,768.00
	Gravity Sewers						
	Sewage Manholes						
B259	Furnish and Install - Sewage Manhole Precast Type A 2'-4' deep	3	EA	$5,244.00	$15,732.00	$5,910.00	$17,730.00
B260	Furnish and Install - Sewage Manhole Precast Type A 4'-8' deep	3	EA	$6,534.00	$19,602.00	$10,020.00	$30,060.00
B261	Furnish and Install - Sewage Manhole Precast Type A 8'-12' deep	3	EA	$8,874.00	$26,622.00	$13,208.00	$39,624.00
B262	Furnish and Install - Sewage Manhole Precast Type B 2'-4' deep	3	EA	$6,414.00	$19,242.00	$7,225.00	$21,675.00
B263	Furnish and Install - Sewage Manhole Precast Type B 4'-8' deep	3	EA	$7,704.00	$23,112.00	$11,751.00	$35,253.00

B264	Furnish and Install - Sewage Manhole Precast Type B 8'-12' deep	3	EA	$10,044.00	$30,132.00	$16,646.00	$49,938.00
B265	Remove Existing Sewage Manhole 1'-4' depth	3	EA	$2,400.00	$7,200.00	$750.00	$2,250.00
B266	Remove Existing Sewage Manhole 4'-8' depth	3	EA	$4,600.00	$13,800.00	$1,050.00	$3,150.00
B267	Remove Existing Sewage Manhole 8'-12' depth	3	EA	$6,400.00	$19,200.00	$1,500.00	$4,500.00
B268	Remove and Construct Sewage Manhole, Type A, 2'-4' depth	3	EA	$7,644.00	$22,932.00	$7,105.00	$21,315.00
B269	Remove and Construct Sewage Manhole, Type A, 4'-8' depth	6	EA	$11,134.00	$66,804.00	$12,022.00	$72,132.00
B270	Remove and Construct Sewage Manhole, Type A, 8'-12' depth	3	EA	$15,274.00	$45,822.00	$17,243.00	$51,729.00
B271	Remove and Construct Sewage Manhole, Type B, 2'-4' depth	3	EA	$8,814.00	$26,442.00	$8,420.00	$25,260.00
B272	Remove and Construct Sewage Manhole, Type B, 4'-8' depth	6	EA	$12,304.00	$73,824.00	$13,753.00	$82,518.00
B273	Remove and Construct Sewage Manhole, Type B, 8'-12' depth	3	EA	$16,444.00	$49,332.00	$18,100.00	$54,300.00
B274	Connection To Existing Sewage Manhole 6" Service Lateral	5	EA	$1,260.00	$6,300.00	$3,663.00	$18,315.00
B275	Connection To Existing Sewage Manhole 4" Forcemain	3	EA	$980.00	$2,940.00	$2,662.00	$7,986.00
B276	Connection To Existing Sewage Manhole 6" Forcemain	3	EA	$1,410.00	$4,230.00	$3,663.00	$10,989.00
B277	Connection To Existing Sewage Manhole 8" Gravity Sewer	12	EA	$1,560.00	$18,720.00	$5,453.00	$65,436.00
B278	Construct Sanitary Manhole Frame & Cover Adjustment	6	EA	$890.00	$5,340.00	$1,347.00	$8,082.00
B279	Construct Sanitary Manhole Frame & Cover Adjustment w/ Existing MH Liner	6	EA	$2,150.00	$12,900.00	$2,200.00	$13,200.00
B280	Manhole Top Adjustment	6	EA	$350.00	$2,100.00	$1,347.00	$8,082.00
B281	Manhole Top Adjustment w/ Existing MH Liner	6	EA	$1,850.00	$11,100.00	$2,200.00	$13,200.00
	Gravity Piping						
B282	Wastewater Piping Furnish and Install -8" PVC SDR26 Pipe, Push On Joint, 4'-8' depth	160	LF	$52.00	$8,320.00	$122.00	$19,520.00
	GENERAL						
B283	Wastewater Piping Furnish and Install - 8" PVC SDR26 Pipe, Push On Joint, 8'-12' depth	120	LF	$140.00	$16,800.00	$166.00	$19,920.00
B284	Wastewater Piping Furnish and Install - 10" PVC SDR26 Pipe, Push On Joint, 4'-8' depth	120	LF	$65.00	$7,800.00	$125.00	$15,000.00
B285	Wastewater Piping Furnish and Install - 10" PVC SDR26 Pipe, Push On Joint, 8'-12' depth	100	LF	$195.00	$19,500.00	$170.00	$17,000.00
B286	Wastewater Piping-Remove & Replace - 8" PVC SDR26 Pipe, Push On Joint, 4'- 8' depth	200	LF	$73.00	$14,600.00	$144.00	$28,800.00
B287	Wastewater Piping-Remove & Replace - 8" PVC SDR26 Pipe, Push On Joint, 8'- 12' depth	100	LF	$161.00	$16,100.00	$185.00	$18,500.00

B288	Wastewater Piping-Remove & Replace - 10" PVC SDR26 Pipe, Push On Joint, 4'- 8' depth	120	LF	$86.00	$10,320.00	$144.00	$17,280.00
TITLE: STORM SEWER REPLACEMENT AND NEW CONSTRUCTION							
BID NO.: CP-0570-19 SCHEDULE B-SOUTH							
B289	Wastewater Piping-Remove & Replace - 10" PVC SDR26 Pipe, Push On Joint, 8'- 12' depth	80	LF	$216.00	$17,280.00	$190.00	$15,200.00
B290	Wastewater Lateral Piping Furnish & Install	180	LF	$39.00	$7,020.00	$140.00	$25,200.00
B291	Wastewater Lateral Piping Remove & Replace	300	LF	$60.00	$18,000.00	$152.00	$45,600.00
B292	Lateral Connections at Wastewater main. 8" Main	6	EA	$810.00	$4,860.00	$9,200.00	$55,200.00
B293	Lateral Connections at Wastewater main. 10" Main	3	EA	$960.00	$2,880.00	$9,462.00	$28,386.00

TOTAL BASE BID (ITEMS B1-B293) $ $4,561,573.00 $7,216,280.00

Department of Finance and Administration
Procurement Division

CITY OF JACKSONVILLE

December 6, 2018

To: Gregory A. Pease, Chief
Procurement Division

From: Aileen Cruz, Business Analyst
Jacksonville Small & Emerging Business Office

Re: **CP-0570-19 – Storm Sewer Replacement and New Construction**

The Equal Business Opportunity (EBO) Office has reviewed the low bidder/proposer for compliance with the Jacksonville Small and Emerging Business (JSEB) program. The low bidder/proposer, **Callaway Contracting, Inc,** does meet the JSEB criteria for this project. The low bidder/proposer's price for the subject project was **$ 5,303,206.21** and the goal was **10%**. Based upon review of the JSEB schedule of work, the letters of intent, and the areas of certification, the lowest bidders/proposers, meet the goal by utilizing **10%** to the following JSEB:

Donna J. Hamilton, Inc
DJ Contracting of Jacksonville, Inc.

Our review efforts are documented and available upon request. Please let us know if you have any questions or concerns. I can be reached at (904) 255-8828.

MR/ac

cc: Marilyn Laidler

B. BASIS OF AWARD

It is the intent of the City to award both Areas of this project (North and South) to the lowest responsive, responsible bidder contingent on the availability of funds within the project's approved budget.

If pricing is determined to be acceptable, JEA may award separate contracts to each of the awarded COJ contractors to cover various JEA items that are encountered during the repair and replacement of COJ storm drainage facilities.

C. REVISIONS OF BID PROPOSAL FORM

Request for revision of the Bid Proposal Form must be made to the ENGINEER at least ten (10) days prior to date of opening of Bids. Revision of the Bid Proposal by the Bidder will void the Bid.

D. CONTRACT EXPIRATION DATE

The Contract expiration date shall be established 120 calendar days after the scheduled construction completion date in order to comply with Executive Order 2013-05.

E. BID CHANGES

No changes in the amount of Bids appearing on the outside of Bids will be considered. Only the amounts shown on bidding documents inside the envelope will be considered. All changes, corrections and erasures must be initialed by the person signing the bid.

F. CONSTRUCTION COMPLETION

The intent of this contract is that the Contractor provides {PROJECT NAME} service during the period of Fiscal years 2019 (October 1, 2018 through September 30, 2019). The Contractor shall begin work within ten (10) calendar days, including Sundays and holidays, after issuance of a Blanket Order or Purchase Order from the City. No Blanket Orders or Purchase Orders will be issued under this Contract after September 30, 2019 unless the Contract is renewed. The active Contract will expire 120 days thereafter. All work started under a Blanket Order or Purchase Order shall be completed by the expiration date. By mutual agreement of both parties, provided funds are available, the Contract may be extended two (2) times for a period of one (1) years each. Each extension amendment of the contract will be amended prior to September 30th of the current contract fiscal year. Based upon the agreement of all parties, the Contract Unit Prices may be adjusted at the time of renewal based on the stated Consumer Price Index (CPI) for All Urban Consumers - South Region All Items, (Series CUURO300SAO), over the preceding twelve (12) months from the date of Contract Award. The adjusted Contract Unit Prices will be calculated using the current Contract Unit Prices and adjusting them by the amount of the stated CPI. The subsequent optional renewals, if both the CITY and the CONTRACTOR agree, may also include a Contract Unit Price adjustment based on the CPI for the preceding twelve months from the award date of the second contract. Contract Unit Prices will be adjusted by applying the CPI to the previously adjusted Contract Unit Prices for the first renewal option.

STORM SEWER REPLACEMENT AND NEW CONSTRUCTION NORTH AND SOUTH
SECTION 30

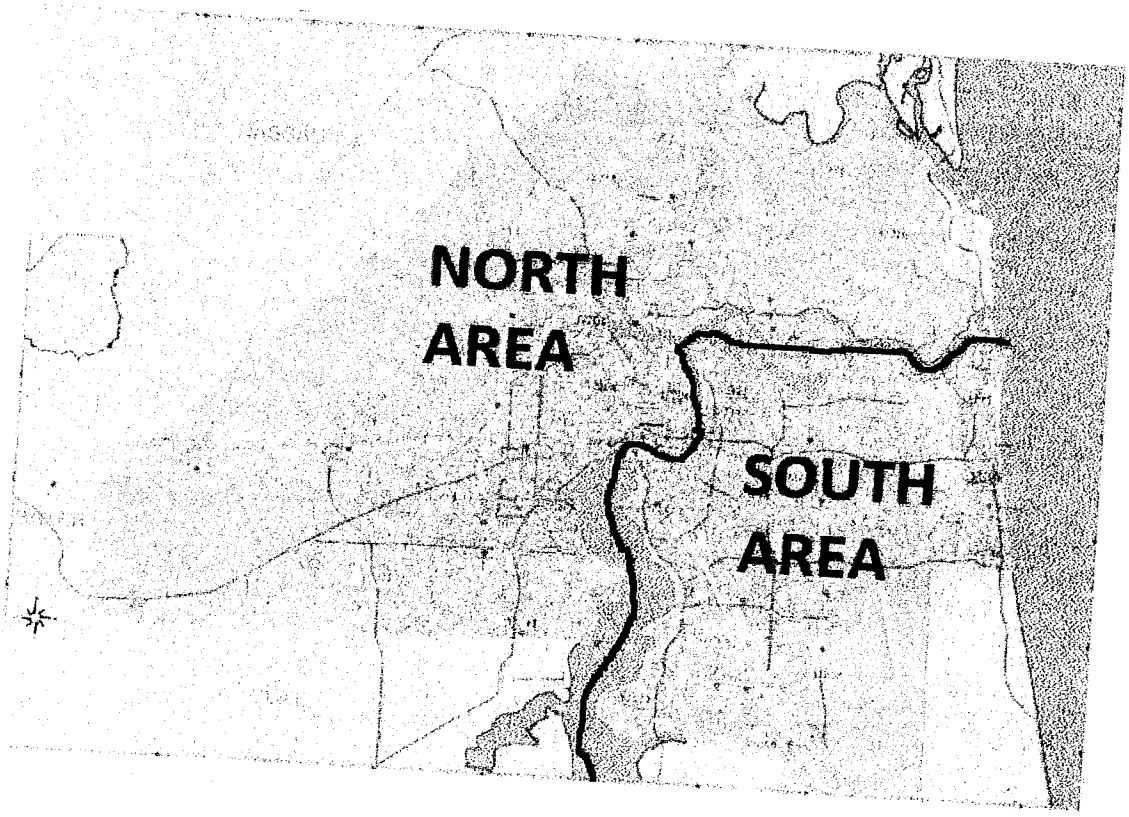
SCOPE OF WORK

30.1 Scope The work covered by these Specifications consists of the Contractor providing all labor, materials, and equipment for the repair, replacement and new construction of storm sewer systems and roadways resulting in a complete storm sewer and roadway infrastructure within in one of two (2) designated areas of the City of Jacksonville.

30.2 Location Project sites for this project will be located within the limits of North and South as shown on the Project Location Map below. Work may take place on any street, highway, on City property, or on private property with an approved easement.

30.2.1 The North Area includes all of the City north and west of the St. Johns River and

30.2.2 The South Area includes all of the City south and east of the St. Johns River.



QWS3270X 12/7/2018 9:15 AM
FAML6350 V5.1 ** NW COJ FAMIS PRODUCTION ** 12/07/2018
LINK TO: ACCOUNT SUMMARY INQUIRY 9:15 AM

FISCAL MO/YEAR : 03 2019 CURRENCY CODE :
INDEX CODE : PWGM462SW DSR CAPITAL MAINTENANCE
SUBOBJECT : 06505 OTHER CONSTRUCTION COSTS
PROJECT : PW0072 DRAINAGE SYSTEM REHABILATION
PROJECT DETAIL : 01 DRAINAGE SYSTEM REHABILITATION
GRANT :
GRANT DETAIL :
USER CODE :

S	DEC 2018	ANNUAL BALANCE	ALL YEARS BALANCE
ESTIMATED REVENUES	.00	.00	.00
REVENUES	.00	.00	.00
UNREALIZED REVENUES	.00	.00	.00
BUDGET	.00	4,200,000.00	17,279,839.84
EXPENDITURES	.00	206,289.12	11,962,482.12
ENCUMBRANCES	22,750.00	969,480.05	2,341,376.26
PRE-ENCUMBRANCES	.00	.00	.00
REMAINING BALANCE	-22,750.00	3,024,230.83	2,975,981.46

F1-HELP F2-SELECT F4-PRIOR F5-NEXT
F9-LINK F10-PRIOR-MO F11-NEXT-MO
G005 - PRIOR RECORD DISPLAYED

QWS3270X 12/7/2018 9:15 AM
FAML6350 V5.1 ** NW COJ FAMIS PRODUCTION ** 12/07/2018
LINK TO: ACCOUNT SUMMARY INQUIRY 9:15 AM

FISCAL MO/YEAR : 03 2019 CURRENCY CODE :
INDEX CODE : PWGM461SW STORMWATER SERVICES
SUBOBJECT : 03410 CONTRACTUAL SERVICES
PROJECT :
PROJECT DETAIL :
GRANT :
GRANT DETAIL :
USER CODE :

S	DEC 2018	ANNUAL BALANCE	ALL YEARS BALANCE
ESTIMATED REVENUES	.00	.00	.00
REVENUES	.00	.00	.00
UNREALIZED REVENUES	.00	.00	.00
BUDGET	.00	3,611,350.89	3,611,350.89
EXPENDITURES	.00	107,406.37	107,406.37
ENCUMBRANCES	.00	2,111,898.43	2,111,898.43
PRE-ENCUMBRANCES	.00	1.00	1.00
REMAINING BALANCE	.00	1,392,045.09	1,392,045.09

F1-HELP F2-SELECT F4-PRIOR F5-NEXT
F9-LINK F10-PRIOR-MO F11-NEXT-MO
G005 - PRIOR RECORD DISPLAYED