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HSQ GROUP, LLC.

Consulting Engineers • Planners • Surveyors
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PROJECT NAME: MAINSTREET
PROJECT No.: 180332-

DATE: October 20, 2022

ENGINEER'S QUANTITIES BANKS ROAD IMPROVEMENTS

WATER DISTRIBUTION SYSTEM ITEMS

ITEM	DESCRIPTION	UNIT	QUANTITY	PRICE / UNIT	TOTAL
W1	6" DIP WATER MAIN	LF	104	\$65.00	\$6,760.00
W2	8" DIP WATER MAIN	LF	365	\$75.00	\$27,375.00
W3	FIRE HYDRANT ASSEMBLY	EA	6	\$4,200.00	\$25,200.00
W4	12" WATER MAIN DIP	LF	3,123	\$110.00	\$343,530.00
W5	6" GATE VALVE	EA	6	\$2,100.00	\$12,600.00
W6	12" GATE VALVE	EA	9	\$4,600.00	\$41,400.00
W7	8" GATE VALVE	EA	5	\$2,400.00	\$12,000.00
W8	12"X12"X12"X12: CROSS	EA		\$2,250.00	\$0.00
W9	12"X8"X12"X8" CROSS	EA		\$2,850.00	\$0.00
W10	18"X18"X12" TEE	EA		\$5,000.00	\$0.00
W11	12"X12"X12" TEE	EA	5	\$2,850.00	\$14,250.00
W12	12"X12"X8" TEE	EA	6	\$2,450.00	\$14,700.00
W13	12"X12"X6" TEE	EA	6	\$2,250.00	\$13,500.00
W14	12"X8"X8" TEE	EA		\$1,600.00	\$0.00
W15	8"X8"X8" TEE	EA		\$1,250.00	\$0.00
W16	8"X8"X6" TEE	EA		\$1,150.00	\$0.00
W17	12"X45° BEND	EA	2	\$1,650.00	\$3,300.00
W18	12"X22.5° BEND	EA	4	\$1,250.00	\$5,000.00
W19	12"X11.25° BEND	EA	4	\$1,250.00	\$5,000.00
W20	8"X22.5° BEND	EA		\$800.00	\$0.00
W21	8"X90° BEND	EA		\$800.00	\$0.00
W22	8" STUB OUT	EA	3	\$450.00	\$1,350.00
SUBTOTAL					\$525,965.00

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SEWER COLLECTION SYSTEM ITEMS

SDR-26

ITEM	DESCRIPTION	UNIT	QUANTITY	PRICE / UNIT	TOTAL
S1	8" P.V.C. SEWER MAIN	LF	2,584	\$62.00	\$160,208.00
S2	10" P.V.C. SEWER MAIN	LF	1,027	\$100.00	\$102,700.00
S3	4' DIA MANHOLE	EA	20	\$9,000.00	\$180,000.00
S4	18" DIP FORCE MAIN	LF		\$300.00	\$0.00
S5	24" DIP FORCE MAIN	LF		\$400.00	\$0.00
S6	24"X45° BEND (FORCE MAIN)	EA		\$13,000.00	\$0.00
S7	24"X11.25° BEND (FORCE MAIN)	EA		\$13,000.00	\$0.00
S8	24" G.V. (FORCE MAIN)	EA		\$35,000.00	\$0.00
S9	18"X18"X18" TEE (FORCE MAIN)	EA		\$22,000.00	\$0.00
S10	18"X45° BEND (FORCE MAIN)	EA		\$10,000.00	\$0.00
S11	18"X22.5° BEND (FORCE MAIN)	EA		\$10,000.00	\$0.00
S12	18"X11.25° BEND (FORCE MAIN)	EA		\$10,000.00	\$0.00
SUBTOTAL					\$442,908.00

DRAINAGE SYSTEM ITEMS

RCP

ITEM	DESCRIPTION	UNIT	QUANTITY	PRICE / UNIT	TOTAL
D1	15" PIPE	LF	83	\$100.00	\$8,300.00
D2	18" PIPE	LF	148	\$100.00	\$14,800.00
D3	24" PIPE	LF	754	\$115.00	\$86,710.00
D4	36" PIPE	LF		\$220.00	\$0.00
D5	48" PIPE	LF		\$320.00	\$0.00
D6	54" PIPE	LF		\$350.00	\$0.00
D7	60" PIPE	LF	1101	\$420.00	\$462,420.00
D8	72" PIPE	LF		\$550.00	\$0.00
D9	MANHOLE	EA		\$10,000.00	\$0.00
D10	CATCH BASIN	EA	30	\$4,800.00	\$144,000.00
D11	18" ENDWALL	EA		\$4,500.00	\$0.00
D12	24" ENDWALL	EA		\$4,500.00	\$0.00

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D13	36" ENDWALL	EA		\$4,500.00	\$0.00
D14	48" ENDWALL	EA		\$5,500.00	\$0.00
D15	54" ENDWALL	EA		\$6,500.00	\$0.00
D16	60" ENDWALL	EA	3	\$8,500.00	\$25,500.00
D17	72" ENDWALL	EA		\$10,500.00	\$0.00
				\$1,900.00	
SUBTOTAL					\$733,430.00

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PAVEMENT & CONCRETE ITEMS

ITEM	DESCRIPTION	UNIT	QUANTITY	PRICE / UNIT	TOTAL
P1	TYPE "S-III" ASPHALT (1-1/4" THICK - 1st LIFT)	SY	16,981	\$7.60	\$129,054.76
P2	TYPE "S-III" ASPHALT (3/4" THICK - 2nd LIFT)	SY	16,981	\$7.60	\$129,054.76
P3	LIMEROCK BASE (8" THICK)	SY	17,830	\$13.00	\$231,789.13
P4	STABILIZED SUB-GRADE (12" THICK)	SY	18,721	\$7.00	\$131,050.01
P5	CONCRETE SIDEWALK (4" THICK)	SY	6,837	\$45.90	\$313,826.05
P6	BICYCLE LANES	SY	3,405	\$40.00	\$136,195.56
P7	TYPE "F" CURB & GUTTER	LF	7,355	\$14.50	\$106,647.50
P8	TYPE "D" CURB (18" DEPTH)	LF	2,703	\$12.95	\$35,003.85
P9	GUARD RAIL	LF	390	\$60.00	\$23,400.00
P10	VALLEY GUTTER	LF	2,719	\$14.50	\$39,425.50
SUBTOTAL					\$1,275,447.11

RE-USE SYSTEM ITEMS

DIP

ITEM	DESCRIPTION	UNIT	QUANTITY	PRICE / UNIT	TOTAL
R1	12" PIPE	LF	4,127	\$110.00	\$453,970.00
R2	12" GATE VALVE	EA	11	\$4,300.00	\$47,300.00
R3	12" BLOWOFF	EA	6	\$2,200.00	\$13,200.00
R4	12"X12"X12" TEE	EA	6	\$2,850.00	\$17,100.00
R5	12"X12"X12"X12" CROSS	EA	1	\$2,850.00	\$2,850.00
R6	12"X90° BEND	EA		\$1,650.00	\$0.00
R7	12"X45° BEND	EA	2	\$1,650.00	\$3,300.00
R8	12"X22.5° BEND	EA	2	\$1,650.00	\$3,300.00
R9	12"X11.25° BEND	EA	2	\$1,650.00	\$3,300.00
SUBTOTAL					\$544,320.00

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TOTAL

Jay Huebner, P.E.
Florida Registration Number: 54615

<u>GRAND SUB TOTAL</u>	<u>\$3,522,070.11</u>
DESIGN FEE:	\$352,207.01
PERMITTING FEE:	\$352,207.01
EARTHWORK	\$352,207.01
DEMOLITION	\$176,103.51
MOBILIZATION:	\$176,103.51
TESTING/ INSPECTIONS:	\$352,207.01
SURVEYING / AS-BUILT:	\$176,103.51
Fuel surcharge 2.5%	\$88,051.75
signs and markings	\$255,089.42
MOT:	\$105,662.10
<u>Grand total</u>	<u>\$5,908,011.95</u>