



MOCK • ROOS

CONSULTING ENGINEERS

April 2, 2020

Shannon LaRocque, P.E.
Village of Wellington
12300 Forest Hill Boulevard
Wellington, FL 33414

Ref. No.: B8704.30
Subject: 50th Street South Raw Water Main Replacement – Cost Proposal Review

Dear Shannon:

We have reviewed the final “Schedule of Bid Prices” submitted by Johnson-Davis, Inc. and dated March 31, 2020. After review, we find the cost proposal to be consistent with Palm Beach County Water Utilities Department continuing contract WUD 19-040. Additionally, the included line items and unit quantities appear to be consistent with the proposed design as depicted in the Construction Drawings.

If you have any questions or comments, please call me at 683-3113 extension 299.

Sincerely,

MOCK, ROOS & ASSOCIATES, INC.

Spencer Schroeder

Spencer M. Schroeder, P.E.
Senior Project Manager

SMS:tsm
Enclosure

SCHEDULE OF BID PRICES
PBCWUD Piggyback Project No.: WUD 19-040
Project Name: 50th Street South Raw Water Main Replacement

50th Street South Raw Water Main Replacement Proposal 20-47		JD Cost 3/31/2020		Johnson-Davis, Inc. 604 Hillbrath Dr., Lantana, FL 33462	
Estimate, to be billed as unit price contract based on PBCWUD 19-040					
BID ITEM NO.	BID ITEM (Furnish and Install with Appurtenances)	UNIT	QUANTITY	UNIT PRICE	TOTAL
8	8" DIP Push-On Joint Water Main/Reclaimed Water Main	LF	117	\$ 40.00	\$ 4,680.00
16	16" PVC Push-On Joint Water Main/Wastewater Force Main/Reclaimed Water Main	LF	5,045	\$ 63.00	\$ 317,835.00
17	16" DIP Push-On Joint Water Main/Reclaimed Water Main	LF	40	\$ 85.00	\$ 3,400.00
23	Ductile Iron Fittings for Water Main/Reclaimed Water Main	Tons	2.5	\$ 5,000.00	\$ 12,500.00
36	8" Mechanical Joint Restraint for DIP	Each	22	\$ 275.00	\$ 6,050.00
45	16" Mechanical Joint Restraint for PVC	Each	45	\$ 700.00	\$ 31,500.00
49	8" Joint Restraint Gasket DIP (Field Lock or Fast Grip)	Each	6	\$ 120.00	\$ 720.00
56	16" PVC Pressure Pipe Restraint Harness	Each	72	\$ 400.00	\$ 28,800.00
66	8" Gate Valve & Valve Box	Each	4	\$ 1,500.00	\$ 6,000.00
68	16" Gate Valve & Valve Box	Each	7	\$ 7,200.00	\$ 50,400.00
129	Sample Points W/Double Strap Saddle & Corp. Stop	Each	3	\$ 500.00	\$ 1,500.00
159	4" to 12" Diameter Connection to Existing Water Main/Reclaimed Water Main or Force Main (Joint Restraint	Each	5	\$ 3,000.00	\$ 15,000.00
160	16" to 24" Diameter Connection to Existing Water Main/Reclaimed Water Main or Force Main (Joint Restraint	Each	2	\$ 5,500.00	\$ 11,000.00
164	Grouting/Deactivation of Existing 12" Pipe	LF	5,085	\$ 13.00	\$ 66,105.00
166	Milling of Asphalt	SY	680	\$ 15.00	\$ 10,200.00
167	Asphalt Overlay	Tons	62	\$ 200.00	\$ 12,400.00
168	Asphalt Roadway Removal and Restoration (2.5" thick)	SY	65	\$ 50.00	\$ 3,250.00
177	Concrete Sidewalk Removal & Restoration	SY	15	\$ 65.00	\$ 975.00
181	Bahia Sod	SY	6,780	\$ 5.00	\$ 33,900.00
184	Record Drawing	LF	5,205	\$ 2.50	\$ 13,012.50
185	Construction Survey	LF	5,205	\$ 2.50	\$ 13,012.50
186	Preconstruction Video Taping	LF	5,205	\$ 1.00	\$ 5,205.00
189	Maintenance of Traffic Arterial Roadway	LF	5,205	\$ 3.00	\$ 15,615.00
190	Maintenance of FDOT Roadway	LF	1,000	\$ 4.00	\$ 4,000.00
191	Density Tests	Each	125	\$ 40.00	\$ 5,000.00
192	Proctor Tests	Each	2	\$ 100.00	\$ 200.00
199	Rock Removal	CY	565	\$ 100.00	\$ 56,500.00
201	Guardrail Removal and Restoration	LF	15	\$ 15.00	\$ 225.00
231	Silt Fence	LF	5,200	\$ 1.00	\$ 5,200.00
(A) SUBTOTAL BASE BID (Bid Items 1-240)					\$ 734,185.00
241	Additional Work not included in Bid Items (15% of Subtotal Bid Price (A))	LSU	1	\$ 59,600.00	\$ 59,600.00
242	Mobilization (2.5% of Subtotal Bid Price (A))	LSU	1	\$ 18,354.63	\$ 18,354.63
243	Demobilization (1% of Subtotal Bid Price (A))	LSU	1	\$ 7,341.85	\$ 7,341.85
(B) SUBTOTAL ADDITIONAL WORK BID PRICE (Bid Items 241-243)					\$ 85,296.48
TOTAL BID PRICE (A+B)					\$ 819,481.48
241A	Restrain existing 16" DIP Pressure Pipe	Each	2	\$ 3,500.00	\$ 7,000.00
241B	#57 Stone Pipe Bedding and Dewatering (Included Open Pump Dewatering)	CY	900	\$ 50.00	\$ 45,000.00
241C	Drainage Conflicts	Each	2	\$ 3,800.00	\$ 7,600.00
(B) TOTAL BID PRICE ADDITIONAL WORK NOT INCLUDED IN BID ITEMS (Bid Item 241)					\$ 59,600.00

NOTES: Base on the 19-040 Palm Beach County Pipe Line Continuing Construction Contract. Palm Beach County Water Utility Department Specifications.

Drainage Offsets Include Wellpoint System, Pump Operation, and Drainage Collars on existing pipe.
 FDOT MOT is for the Crossing of 50th and to alert traffic on US 441/ SR 7.

EXCLUSIONS: Traffic Loops, and any other items not addressed in the Original Contract with PBCWUD.