



LOXAHATCHEE RIVER DISTRICT

2500 JUPITER PARK DRIVE, JUPITER, FLORIDA 33458

TEL: (561) 747-5700

FAX: (561) 747-9929

D. Albrey Arrington, Ph.D. EXECUTIVE DIRECTOR

loxahatcheeriver.org

MEMORANDUM

TO: D. Albrey Arrington, Ph.D.

FROM: Kris Dean, P.E., Deputy Executive Director/Director of Engineering

DATE: March 17, 2022

SUBJECT: Jupiter Inlet Lighthouse Outstanding Natural Area – Recommendation of Award of Construction Contract

From the BLM’s Statement of Work,

“The JILONA was designated by Congress in 2008 for the protection and enhancement of seven key resources and values present on the site: historic, natural and cultural resources, and scientific, education and interpretation, recreation, and scenic values. Within its designation Congress tasked the BLM with management of the ONA and made the area part of the National Conservation Lands. Congress recognized the area as unique and nationally significant, made more so by the fact that the site is one of only three congressionally designated ONAs in the country and the only complete unit of National Conservation Lands east of the Mississippi.

The ONA is visited by over 100,000 people each year, and is home to BLM administration facilities, recreational infrastructure, partner operations and a range of non-operating structures that have remained behind from previous military and civilian uses of the land. All facilities within the federal lands portions of the ONA currently operate on septic systems.”

In April 2021 the District entered into a contract with the BLM to provide engineering and construction services for the septic to sewer conversion of the JILONA and undergrounding of existing overhead FPL power and Comcast communication. Subsequent to this agreement the District designed, permitted and bid the construction contract. Bids were received on March 15, 2022 as summarized below and detailed in the attached Bid Tabulation. Note, both Prince Land, Inc. and Jamie Underground, Inc. bid’s contained minor mathematical errors. Correction of the errors did not alter the bid order.

Prince Land, Inc.	\$1,154,609.00
Jamie Underground, Inc.	\$1,194,490.00
CK Contractors, Inc.	\$1,583,366.00

As the apparent low, an evaluation of Prince Land, Inc.’s bid was performed. They were found to be responsive and responsible, as such, staff recommend the following motion:

“THAT THE DISTRICT GOVERNING BOARD award ITB 21-006-00105 to Prince Land, Inc. in the amount of \$1,154,609.00 and a contingency in the amount of \$115,000.00.

James D. Snyder
CHAIRMAN

Gordon M. Bogie
BOARD MEMBER

Stephen B. Rockoff
BOARD MEMBER

Dr. Matt H. Rostock
BOARD MEMBER

Loxahatchee River Environmental Control District
 Jupiter Inlet Lighthouse Septic to Sewer Conversion
 ITB No. 21-006-00105
 Bid Tabulation

ITEM	DESCRIPTION	QTY	UNIT	Prince Land		Jamie Underground		CK Contractors	
				Unit Cost	Total	Unit Cost	Total	Unit Cost	Total
General/Permit									
1	MOBILIZATION, DEMOBILIZATION, BONDS & INSURANCE	1	LS	\$ 108,999.00	\$ 108,999.00	\$ 30,000.00	\$ 30,000.00	\$ 118,000.00	\$ 118,000.00
2	MAINTENANCE OF TRAFFIC	1	LS	\$ 6,690.00	\$ 6,690.00	\$ 8,500.00	\$ 8,500.00	\$ 8,875.00	\$ 8,875.00
3	AS-BUILT RECORD DRAWINGS	1	LS	\$ 45,900.00	\$ 45,900.00	\$ 60,000.00	\$ 60,000.00	\$ 26,600.00	\$ 26,600.00
4	AUDIO VIDEO DOCUMENTATION	1	LS	\$ 2,700.00	\$ 2,700.00	\$ 5,000.00	\$ 5,000.00	\$ 6,500.00	\$ 6,500.00
5	NPDES PERMIT/EROSION MEASURES	1	LS	\$ 8,325.00	\$ 8,325.00	\$ 10,500.00	\$ 10,500.00	\$ 625.00	\$ 625.00
Gravity Sewer and Sanitary Services									
6	8" PVC SANITARY SEWER PIPE (Ø - 6')	970	LF	\$ 52.00	\$ 50,440.00	\$ 65.00	\$ 63,050.00	\$ 67.00	\$ 64,990.00
7	8" PVC SANITARY SEWER PIPE (Ø - 8')	500	LF	\$ 70.00	\$ 35,000.00	\$ 80.00	\$ 40,000.00	\$ 71.00	\$ 35,500.00
8	4' MANHOLE (Ø - 6')	5	EA	\$ 5,515.00	\$ 27,575.00	\$ 8,000.00	\$ 40,000.00	\$ 7,400.00	\$ 37,000.00
9	4' MANHOLE (Ø - 8')	2	EA	\$ 6,150.00	\$ 12,300.00	\$ 12,500.00	\$ 25,000.00	\$ 9,000.00	\$ 18,000.00
10	4" PVC LATERAL - SINGLE SERVICE W/ CLEAN-OUT	5	EA	\$ 4,080.00	\$ 20,400.00	\$ 3,000.00	\$ 15,000.00	\$ 9,150.00	\$ 45,750.00
11	6" PVC LATERAL - DOUBLE SERVICE W/CLEANOUT	1	EA	\$ 4,420.00	\$ 4,420.00	\$ 4,500.00	\$ 4,500.00	\$ 3,875.00	\$ 3,875.00
Low Pressure Sewer and Pump Stations									
12	2" PVC FORCE MAIN AND FITTINGS	310	LF	\$ 18.00	\$ 5,580.00	\$ 28.00	\$ 8,680.00	\$ 30.00	\$ 9,300.00
13	2" HDPE FORCE MAIN AND FITTINGS	670	LF	\$ 38.00	\$ 25,460.00	\$ 28.00	\$ 18,760.00	\$ 39.00	\$ 26,130.00
14	1.5 SINGLE LOW PRESSURE SERVICE	3	EA	\$ 2,475.00	\$ 7,425.00	\$ 1,600.00	\$ 4,800.00	\$ 3,400.00	\$ 10,200.00
15	INSTALL COMMERCIAL (DUPLEX) GRINDER PUMP STATION AND FURNISH AND INST ALL CONCRETE PA	1	LS	\$ 57,510.00	\$ 57,510.00	\$ 40,000.00	\$ 40,000.00	\$ 39,500.00	\$ 39,500.00
16	INSTALL SIMPLEX GRINDER PUMP STATION	3	EA	\$ 19,735.00	\$ 59,205.00	\$ 20,000.00	\$ 60,000.00	\$ 11,200.00	\$ 33,600.00
17	INSTALL 6' CHAIN LINK FENCE	50	LF	\$ 60.00	\$ 3,000.00	\$ 250.00	\$ 12,500.00	\$ 160.00	\$ 8,000.00
18	CHAIN LINK GATE	1	EA	\$ 2,000.00	\$ 2,000.00	\$ 5,200.00	\$ 5,200.00	\$ 1,250.00	\$ 1,250.00
19	CONNECT 2" PVC FORCE MAIN TO EXISTING 2" FORCE MAIN	1	EA	\$ 1,235.00	\$ 1,235.00	\$ 1,500.00	\$ 1,500.00	\$ 5,500.00	\$ 5,500.00
20	TERMINAL FLUSHING PORT	1	EA	\$ 1,725.00	\$ 1,725.00	\$ 1,950.00	\$ 1,950.00	\$ 4,250.00	\$ 4,250.00
21	INLINE FLUSHING PORT	1	EA	\$ 4,525.00	\$ 4,525.00	\$ 4,400.00	\$ 4,400.00	\$ 6,775.00	\$ 6,775.00
22	AIR RELEASE VALVE	1	EA	\$ 4,125.00	\$ 4,125.00	\$ 7,500.00	\$ 7,500.00	\$ 6,150.00	\$ 6,150.00
Water Main									
23	8" PVC WATER MAIN	1,750	LF	\$ 53.00	\$ 92,750.00	\$ 80.00	\$ 140,000.00	\$ 63.00	\$ 110,250.00
24	6" PVC WATER MAIN	1,000	LF	\$ 41.00	\$ 41,000.00	\$ 50.00	\$ 50,000.00	\$ 67.00	\$ 67,000.00
25	DUCTILE IRON FITTINGS	1	TN	\$ 16,805.00	\$ 16,805.00	\$ 21,500.00	\$ 21,500.00	\$ 32,900.00	\$ 32,900.00
26	8" GATE VALVE	4	EA	\$ 2,510.00	\$ 10,040.00	\$ 3,250.00	\$ 13,000.00	\$ 2,800.00	\$ 11,200.00
27	6" GATE VALVE	4	EA	\$ 1,875.00	\$ 7,500.00	\$ 3,000.00	\$ 12,000.00	\$ 2,250.00	\$ 9,000.00
28	FIRE HYDRANT ASSEMBLY W/6" GATE VALVE	3	EA	\$ 6,655.00	\$ 19,965.00	\$ 7,200.00	\$ 21,600.00	\$ 8,000.00	\$ 24,000.00
29	BLOWOFF ASSEMBLY	2	EA	\$ 1,865.00	\$ 3,730.00	\$ 2,250.00	\$ 4,500.00	\$ 3,350.00	\$ 6,700.00
30	PRESSURE TESTING & CHLORINATING NEW WATER MAIN	2,750	LF	\$ 2.75	\$ 7,562.50	\$ 4.00	\$ 11,000.00	\$ 6.00	\$ 16,500.00
31	SAMPLE POINTS	3	EA	\$ 500.00	\$ 1,500.00	\$ 1,500.00	\$ 4,500.00	\$ 2,000.00	\$ 6,000.00
32	SINGLE WATER SERVICE	10	EA	\$ 1,465.00	\$ 14,650.00	\$ 2,500.00	\$ 25,000.00	\$ 4,500.00	\$ 45,000.00
33	POTABLE IRRIGATION SERVICE	1	EA	\$ 2,158.00	\$ 2,158.00	\$ 2,450.00	\$ 2,450.00	\$ 3,000.00	\$ 3,000.00
34	CUT, CAP AND GROUT EXISTING WATER MAIN	1	LS	\$ 19,725.00	\$ 19,725.00	\$ 7,500.00	\$ 7,500.00	\$ 17,600.00	\$ 17,600.00
35	CONNECT TO EXISTING WATER METER	1	LS	\$ 2,535.00	\$ 2,535.00	\$ 1,500.00	\$ 1,500.00	\$ 4,950.00	\$ 4,950.00
36	PRESSURE VACUUM BREAKER BACKFLOW PREVENTER	1	EA	\$ 23,545.00	\$ 23,545.00	\$ 1,500.00	\$ 1,500.00	\$ 1,425.00	\$ 1,425.00
Site Improvements, Roadway, and Drainage									
37	12" STABILIZED SUBGRADE, LBR 40 MIX BASE WITH EXISTING SAND	240	SY	\$ 29.50	\$ 7,080.00	\$ 150.00	\$ 36,000.00	\$ 11.00	\$ 2,640.00
38	REWORK COMPACTED SHELLROCK ROADWAYS AND DRIVEWAYS	4,400	SY	\$ 7.25	\$ 31,900.00	\$ 6.00	\$ 26,400.00	\$ 27.00	\$ 118,800.00
39	COMPACTED SHELLROCK PARKING AREAS	220	SY	\$ 25.00	\$ 5,500.00	\$ 113.00	\$ 24,860.00	\$ 104.00	\$ 22,880.00
40	WHEEL STOPS FOR PARKING AREA	9	EA	\$ 110.00	\$ 990.00	\$ 300.00	\$ 2,700.00	\$ 49.00	\$ 441.00
41	INSTALL CONCRETE SIDEWALK	55	SY	\$ 105.00	\$ 5,775.00	\$ 273.00	\$ 15,015.00	\$ 275.00	\$ 15,125.00
42	CLEARING AND GRUBBING	2	AC	\$ 23,500.00	\$ 47,000.00	\$ 16,000.00	\$ 32,000.00	\$ 7,500.00	\$ 15,000.00
43	ABANDON EXISTING STORMWATER STRUCTURE	1	LS	\$ 4,500.50	\$ 4,500.50	\$ 9,000.00	\$ 9,000.00	\$ 2,100.00	\$ 2,100.00
44	EXCAVATION AND GRADING	650	CY	\$ 20.00	\$ 13,000.00	\$ 38.50	\$ 25,025.00	\$ 53.00	\$ 34,450.00
45	TURF REINFORCEMENT MAT	150	SY	\$ 70.00	\$ 10,500.00	\$ 50.00	\$ 7,500.00	\$ 16.00	\$ 2,400.00
46	18" RCP STORMWATER PIPING	40	LF	\$ 99.50	\$ 3,980.00	\$ 85.00	\$ 3,400.00	\$ 74.00	\$ 2,960.00
47	CATCH BASIN, DITCH BOTTOM INLET TYPE-C	2	EA	\$ 4,590.00	\$ 9,180.00	\$ 4,750.00	\$ 9,500.00	\$ 4,250.00	\$ 8,500.00
48	PUMP OUT AND REMOVE GREY WATER TANK	10	EA	\$ 2,455.00	\$ 24,550.00	\$ 1,200.00	\$ 12,000.00	\$ 1,400.00	\$ 14,000.00
49	PUMP OUT AND ABANDON SEPTIC TANK	11	EA	\$ 3,620.00	\$ 39,820.00	\$ 1,200.00	\$ 13,200.00	\$ 2,700.00	\$ 29,700.00
50	SODDING	1	LS	\$ 28,199.00	\$ 28,199.00	\$ 12,000.00	\$ 12,000.00	\$ 17,400.00	\$ 17,400.00
51	TREE & SHRUBBERY RESTORATION	1	LS	\$ 16,250.00	\$ 16,250.00	\$ 20,000.00	\$ 20,000.00	\$ 5,475.00	\$ 5,475.00
52	MISCELLANEOUS RESTORATION	1	LS	\$ 10,825.00	\$ 10,825.00	\$ 43,000.00	\$ 43,000.00	\$ 9,500.00	\$ 9,500.00
Underground Utility Installation									
53	LIFT STATION ELECTRICAL SERVICE	1	LS	\$ 51,950.00	\$ 51,950.00	\$ 30,000.00	\$ 30,000.00	\$ 33,600.00	\$ 33,600.00
54	FPL UNDERGROUND INSTALLATION	1	LS	\$ 57,805.00	\$ 57,805.00	\$ 50,000.00	\$ 50,000.00	\$ 352,000.00	\$ 352,000.00
55	COMCAST UNDERGROUND INSTALLATION	1	LS	\$ 27,600.00	\$ 27,600.00	\$ 40,000.00	\$ 40,000.00	\$ 24,500.00	\$ 24,500.00
TOTAL					\$ 1,154,609.00		\$ 1,194,490.00		\$ 1,583,366.00
				Submitted	\$ 1,152,714.00		\$ 1,199,490.00		