



St. Johns River Water Management District

Ann B. Shortelle, Ph.D., Executive Director

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On the internet at www.sjrwmd.com.

DATE: September 6, 2018
TO: Interested Firms
FROM: Alan Weaver, CPPO, Sr. Procurement Specialist
SUBJECT: Invitation to Negotiate 33472, Addendum 3
Doctors Lake Advanced Effluent Treatment

Please be advised of the following changes to the subject Invitation to Negotiate:

1. The time and date for the submittal of responses remains the same: 2:00 p.m., September 13, 2018.
 - (a) acceptable to the District.”
2. The Performance and Payment Bonds provided by the Successful Respondent will need to include a Multiple Obligee Rider (sample form attached) that will extend the bonds to include the Clay County Utility Authority as a second obligee.
3. On page 35, paragraph “18. **BONDS**,” as revised under Addendum 2, is herewith deleted in its entirety and replaced with the following:
“18. **BONDS**
 - (b) **Payment Bond.** A payment bond in the amount of \$250,000 is required.
 - (c) **Performance Bond.** A performance bond in the amount of \$250,000 is required. The Performance Bond is given as a guarantee that Contactor will complete, to the satisfaction of the District and the Clay County Utility Authority, the demobilization and site restoration work required in the statement of work.
 - (d) **Recording.** Bonds shall be recorded in the public records of the county where the Work is located. A certified copy of completed and recorded bonds must be delivered to and accepted by the District prior to commencement of the Work. Bond premiums shall be paid by Contractor. Bonds shall be on the form provided in the Proposal Documents and written through a licensed agency that fulfills the requirements of §287.0935, Fla. Stat.
 - (e) **Qualification-Management and Strength.** The Surety executing a bond must be rated no less than “Excellent” for both financial strength and issuer credit, with a rating outlook of stable or positive for both and must have a financial size rating of VII or better according to the latest information available from A.M. Best Company, Inc.’s, rating and analysis web site.
 - (f) In lieu of the bond, Contractor may submit an alternative form of security in the form of cash, money order, certified check, cashier’s check, clean irrevocable letter of credit, or other security acceptable to the District.”

4. On page 48, Paragraph 3.D. Mobilization/Demobilization,” as revised under Addendum 2, is herewith deleted in its entirety and replaced with the following:

“D. Mobilization/Demobilization:

Contractor shall be responsible for all the site preparation, construction, maintenance and security of the proposed process and shall include all costs (including, permitting, powering, mobilization, site preparation/construction, maintenance, ingress/egress, and demobilization) into the \$/pound bid price. Access to the site location is through the existing Fleming Island Treatment Facility. Contractor will comply will all CCUA’s security policies and procedures; and permitting requirements. Contractor is responsible to repair any damage to existing roadways, fence, and other CCUA property disturbed by Contractor. Depending on the site access route, Contractor may need to install a gravel roadbed, which may be left in place upon conclusion of the Work. Gravel roadway must meet Clay County standards.

Upon expenditure of all funds or completion of the contract, whichever comes first, Contractor must remove all infrastructure related to the process immediately thereafter not to exceed 90 days. The site shall be returned to preexisting conditions by the removal of all structures, equipment pads, buried pipes, wires, conduit, and other utility lines used as part of the process. All areas in which Contractor worked must be uniformly graded. Contractor is responsible to restore ground cover by sodding or seeding with hydro-mulch. Any trees or shrubs removed will not need to be replaced.

Sodding or Seeding: Demobilization includes the restoration of disturbed areas. Contractor is responsible to establish ground cover through sodding or seeding.

- If sodded, Contractor is responsible to water the sod for the first two weeks after all sodding is completed. At the end of two weeks, any sod that has died must be replaced by Contractor within one week. Watering after this point will be the responsibility of CCUA.
- If seeded, Contractor must cover seed with hydro-mulch as part of the planting process. Contractor is responsible to water and maintain the seeding until viable grass covers at least 90% of the seeded areas. At the end of 30 days, all bare areas must be re-grassed and hydro-mulched by Contractor within ten calendar days and maintained until the 90% groundcover requirement is met. Watering from that point forward will be CCUA’s responsibility.

Any items related to the project may be left in place if Contractor and CCUA mutually agree. If any other permits or agreements require restoration in a manner different from that which is specified above, Contractor must confirm with the District to receive written authorization to deviate from these requirements.

The following is the District’s response to recent questions regarding the solicitation:

5. **Question:** Ortho-PO4 tabulated results are provided quarterly — more monthly data is needed for accurate cost estimating. Of the four results from 2017, two of the four reported values of ortho-Phosphate greater than the Total Phosphorus? That is not possible unless the ortho-PO4 results are as PO4 and not as P as shown on the table. Can you check into this?

Answer: The ortho-Phosphate values shown in the 2017 Water Quality Summary Table is reporting only a single quarterly sample.

6. **Question:** Data for at least 12 months of flow (total), TP, o-PO4, pH, TSS, and alkalinity on a daily basis is needed to use as a Basis of Design for cost estimating P-removal treatment technologies. The District shows only monthly averages. Can the District direct the respondents to a public data portal or forward

the data reports showing daily results through addendum? It will be OK if not all of the analytes above are available. Also, especially in the interim, can you provide the min. and max. values for the monthly average values for the parameters published in the bid document Table: 2017 Water Quality Summary Table (by month)?

Answer: See the table below for this information. Please note this data is for Fleming Island and does not include Riteaid combined flows/values.

NOTE: Please acknowledge receipt of this Addendum in your submittal.

If you have any questions regarding this addendum, contact Alan Weaver at (386) 329-4271 or via email at aweaver@sjrwmd.com.

Clay County Utility Authority - Fleming Island Data						
DATE	FLOW_INF_FI	pH_FI_SJR_MIN	TN_EFF_FI_TO_SJR	TP_EFF_FI_TO_SJR	CBOD_EFF_FI_TO_SJR	TSS_EFF_FI_TO_SJR
01/01/2017	2.124	7				
01/02/2017	2.242	7.09				
01/03/2017	2.105	7.08				
01/04/2017	2.216	7.03	0.95	0.27	1	0.5
01/05/2017	2.109	7.1			1	0.5
01/06/2017	2.024	7.14				
01/07/2017	2.352	7.1				
01/08/2017	2.623	7.24				
01/09/2017	2.154	7.09				
01/10/2017	2.013	6.78	2.9	0.32	1	0.5
01/11/2017	2.102	6.74				
01/12/2017	2.088	6.82			3.8	0.5
01/13/2017	1.94	7.32				
01/14/2017	2.228	7.1				
01/15/2017	2.303	7.16				
01/16/2017	2.341	7.25				
01/17/2017	2.071	7.23				
01/18/2017	2.08	6.87	2.7	0.38	1	0.5
01/19/2017	2.107	7.05			1	0.5
01/20/2017	1.858	6.97				
01/21/2017	2.066	7.08				
01/22/2017	2.595	7.12				
01/23/2017	2.25	7.12				
01/24/2017	2.129	6.84	2.3	0.98	1	0.5
01/25/2017	2.098	7.04				
01/26/2017	2.139	7.18			1	0.5
01/27/2017	1.933	7.07				
01/28/2017	2.166	7.4				
01/29/2017	2.466	7.11				
01/30/2017	2.081	7.22				
01/31/2017	2.053	6.84	4	0.94	4.6	1
02/01/2017	2.131	7.62				
02/02/2017	2.089	7.52			1	0.5
02/03/2017	1.851	7.78				
02/04/2017	2.299	7.2				
02/05/2017	2.654	7.1				
02/06/2017	2.137	7.23				
02/07/2017	2.161	6.82	3.1	0.053	1	0.5
02/08/2017	2.183	7.4				

Clay County Utility Authority - Fleming Island Data						
DATE	FLOW_INF_FI	pH_FI_SJR_MIN	TN_EFF_FI_TO_SJR	TP_EFF_FI_TO_SJR	CBOD_EFF_FI_TO_SJR	TSS_EFF_FI_TO_SJR
02/09/2017	2.202	7.24			11	0.5
02/10/2017	2.038	7.2				
02/11/2017	2.272	7.1				
02/12/2017	2.602	7.03				
02/13/2017	2.132	7.04				
02/14/2017	2.163	6.82	3.6	0.73	1	1.2
02/15/2017	2.157	7.37				
02/16/2017	2.149	7.06			1	0.5
02/17/2017	1.963	7.1				
02/18/2017	2.241	7.34				
02/19/2017	2.21	7.1				
02/20/2017	2.342	6.98				
02/21/2017	2.129	7				
02/22/2017	2.199	6.73	3.9	0.48	4.8	0.5
02/23/2017	2.188	6.81			1	0.5
02/24/2017	1.925	7.12				
02/25/2017	2.06	7.32				
02/26/2017	2.27	7.16				
02/27/2017	2.118	6.98				
02/28/2017	2.136	6.76			1	0.5
03/01/2017	2.072	7.42				
03/02/2017	2.12	6.79		0.28	1	0.5
03/03/2017	1.983					
03/04/2017	2.08					
03/05/2017	2.353	7.15				
03/06/2017	2.043					
03/07/2017	2.092					
03/08/2017	2.027					
03/09/2017	2.016					
03/10/2017	1.959					
03/11/2017	2.19	7.04				
03/12/2017	2.236	7.06				
03/13/2017	2.145	7.2				
03/14/2017	2.136	6.72	3.5	0.53	1	1.2
03/15/2017	2.26	7.39				
03/16/2017	2.047	7.06			9.4	1
03/17/2017	2.021					
03/18/2017	2.134					
03/19/2017	2.264					

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DATE	FLOW_INF_FI	pH_FI_SJR_MIN	TN_EFF_FI_TO_SJR	TP_EFF_FI_TO_SJR	CBOD_EFF_FI_TO_SJR	TSS_EFF_FI_TO_SJR
03/20/2017	2.094					
03/21/2017	1.834	0	0	0	0	0
03/22/2017	1.861	0	0	0	0	0
03/23/2017	2.115					
03/24/2017	2.068					
03/25/2017	2.115				0	0
03/26/2017	2.379					
03/27/2017	2.079	0	0	0	0	0
03/28/2017	1.965					
03/29/2017	1.939					
03/30/2017	2.146					
03/31/2017	2.064					
04/01/2017	2.099					
04/02/2017	2.367					
04/03/2017	2.362	6.99				
04/04/2017	2.295				2.3	1
04/05/2017	2.147					
04/06/2017	2.067	6.94				
04/07/2017	2.012	6.93	3.7	0.6	1	1
04/08/2017	2.154	6.97				
04/09/2017	2.326	6.92				
04/10/2017	2.073					
04/11/2017	2.121	6.85				
04/12/2017	2.103	7.07				
04/13/2017	2.005	0			1	0.5
04/14/2017	2.133	0				
04/15/2017	2.173					
04/16/2017	2.406	6.95				
04/17/2017	2.055					
04/18/2017	2.234					
04/19/2017	2.135					
04/20/2017	2.083					
04/21/2017	1.935	0				
04/22/2017	2.101					
04/23/2017	2.514	7.08				
04/24/2017	2.198					
04/25/2017	2.16					
04/26/2017	1.703					
04/27/2017	2.424	0				

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DATE	FLOW_INF_FI	pH_FI_SJR_MIN	TN_EFF_FI_TO_SJR	TP_EFF_FI_TO_SJR	CBOD_EFF_FI_TO_SJR	TSS_EFF_FI_TO_SJR
04/28/2017	1.957					
04/29/2017	2.188	7.02	0	0	0	0
04/30/2017	2.504					
05/01/2017	2.27					
05/02/2017	2.085					
05/03/2017	2.15	6.95			0	
05/04/2017	2.224					
05/05/2017	2.108	0			0	0
05/06/2017	2.206	6.82	0	0	0	0
05/07/2017	2.514	0				
05/08/2017	2.19					
05/09/2017	2.296					
05/10/2017	2.06					
05/11/2017	2.103					
05/12/2017	1.959					
05/13/2017	2.161					
05/14/2017	2.57					
05/15/2017	2.295					
05/16/2017	2.288					
05/17/2017	2.33					
05/18/2017	2.433					
05/19/2017	2.369					
05/20/2017	2.341					
05/21/2017	2.565					
05/22/2017	2.682	6.92				
05/23/2017	2.06	6.88				
05/24/2017	2.756	7.01	3.3	1.2	1	0.5
05/25/2017	2.101					
05/26/2017	1.914					
05/27/2017	1.942					
05/28/2017	2.008					
05/29/2017	2.524	0				
05/30/2017	2.021	6.94				
05/31/2017	2.125		2.4	0	1	0.5
06/01/2017	2.33	0				
06/02/2017	2.35	7.07				
06/03/2017	2.116	6.8				
06/04/2017	2.081	6.9				
06/05/2017	2.081	6.7				

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DATE	FLOW_INF_FI	pH_FI_SJR_MIN	TN_EFF_FI_TO_SJR	TP_EFF_FI_TO_SJR	CBOD_EFF_FI_TO_SJR	TSS_EFF_FI_TO_SJR
06/06/2017	2.088	6.99	3.2	1.2	1	0.5
06/07/2017	2.053	6.68			5.2	0.5
06/08/2017	1.958	6.8				
06/09/2017	1.994	6.91				
06/10/2017	2.034	6.97				
06/11/2017	2.156	6.84				
06/12/2017	1.928	6.95				
06/13/2017	1.919	7	3.4	1.6	2.6	0.5
06/14/2017	2.022	6.9				
06/15/2017	2.087	7			1	0.5
06/16/2017	2.115	6.92				
06/17/2017	2.495	6.94				
06/18/2017	2.179	6.86				
06/19/2017	2.451	6.96				
06/20/2017	2.025	6.78	2.9	1.4	5.3	0.5
06/21/2017	2.059	6.61				
06/22/2017	2.231	6.71			1	0.5
06/23/2017	2.059	6.82				
06/24/2017	2.102	6.86				
06/25/2017	2.311	6.89				
06/26/2017	2.487	6.83				
06/27/2017	2.072	6.74	2.2	1.4	2.1	0.5
06/28/2017	1.954	6.69				
06/29/2017	2.058	6.85			1	0.5
06/30/2017	2.017	6.86				
07/01/2017	1.986	6.82				
07/02/2017	2.328	6.85				
07/03/2017	1.978	6.89				
07/04/2017	2.107	6.83				
07/05/2017	1.884	6.9			1	0.05
07/06/2017	2.007	6.68	2.5	0.42	1	0.05
07/07/2017	2.086					
07/08/2017	2.216					
07/09/2017	2.296					
07/10/2017	2.127	6.72				
07/11/2017	1.899	6.88	3.6	0.81	1	0.05
07/12/2017	2.098					
07/13/2017	2.045					
07/14/2017	1.942					

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07/15/2017	2.105					
07/16/2017	2.38	0				
07/17/2017	2.16	6.86				
07/18/2017	2.034	6.75	4.8	1.2	1	0.05
07/19/2017	2.181	6.87				
07/20/2017	2.05	6.85			1	0.05
07/21/2017	1.887					
07/22/2017	2.182	6.9				
07/23/2017	2.428	6.81				
07/24/2017	2.347	6.75				
07/25/2017	1.983	6.88	3.5	1.8	1	0.05
07/26/2017	1.938	6.89				
07/27/2017	2.122	6.97			2	0.05
07/28/2017	2.175	6.64				
07/29/2017	2.141	6.91				
07/30/2017	2.922	6.86				
07/31/2017	2.023	6.94				
08/01/2017	2.095	6.89				
08/02/2017	1.981	6.94	2.7	0.77	7.2	0.5
08/03/2017	2.003					
08/04/2017	1.976	6.81				
08/05/2017	2.036	6.93				
08/06/2017	2.297	6.85				
08/07/2017	2.057	6.8				
08/08/2017	2.196	6.94	3.1	1.2	2.8	0.5
08/09/2017	2.137	6.92				
08/10/2017	2.049	6.89			1	0.5
08/11/2017	2.094	6.91				
08/12/2017	2.125	6.9				
08/13/2017	2.254	6.9				
08/14/2017	2.283	6.84				
08/15/2017	2.084	6.81	5.5	1.8	1	0.5
08/16/2017	2.197	6.95				
08/17/2017	2.19	6.86			5.2	0.5
08/18/2017	1.988	6.85				
08/19/2017	2.132	6.9				
08/20/2017	2.337	6.76				
08/21/2017	2.092	6.85				
08/22/2017	2.177	6.92	2.9	1	1	0.5

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08/23/2017	1.969	6.81				
08/24/2017	2.035	6.89			1	0.5
08/25/2017	2.063	6.96				
08/26/2017	2.453	6.63				
08/27/2017	2.599	6.72				
08/28/2017	2.041	6.88				
08/29/2017	2.17	6.88	3.5	1.3	1	0.5
08/30/2017	2.005	6.8				
08/31/2017	2.301	6.73			1	0.5
09/01/2017	1.95	6.83				
09/02/2017	2.268	6.7				
09/03/2017	2.006	6.97				
09/04/2017	2.364	6.82				
09/05/2017	2.038	6.85	1.9	1.1	1	0.5
09/06/2017	2.082	6.96				
09/07/2017	2.095	6.98			4.4	1
09/08/2017	2.175	6.98				
09/09/2017	2.922	6.69				
09/10/2017	5.549	6.72				
09/11/2017	3.128	6.82				
09/12/2017	2.412	6.6				19
09/13/2017	2.355	6.92			2.5	0.5
09/14/2017	2.228	6.86	2.9	0.21	1	0.5
09/15/2017	2.094	6.94				
09/16/2017	2.22	7.01				
09/17/2017	2.437	6.99				
09/18/2017	2.189	7.03				
09/19/2017	2.049	6.83	1.6	0.46	7.1	0.5
09/20/2017	2.207	6.96				
09/21/2017	2.044	6.85			1	0.5
09/22/2017	2.045	6.73				
09/23/2017	2.096	7.04				
09/24/2017	2.386	6.95				
09/25/2017	1.946	6.97				
09/26/2017	2.064	6.9	2.4	0.37	1	0.5
09/27/2017	2.101	7.01				
09/28/2017	1.999	6.98			1	1.4
09/29/2017	2.009	7.05				
09/30/2017	2.14	6.89				

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DATE	FLOW_INF_FI	pH_FI_SJR_MIN	TN_EFF_FI_TO_SJR	TP_EFF_FI_TO_SJR	CBOD_EFF_FI_TO_SJR	TSS_EFF_FI_TO_SJR
10/01/2017	3.187	6.67				
10/02/2017	2.15	7.01				
10/03/2017	2.033	6.8	2.9	0.45	3.8	0.5
10/04/2017	2.015	6.71				
10/05/2017	2.116	6.82			1	0.5
10/06/2017	1.966	6.54				
10/07/2017	2.054	6.94				
10/08/2017	2.201	6.87				
10/09/2017	2.285	6.67				
10/10/2017	1.949	6.88	0.52	1.3	1	0.5
10/11/2017	1.921	6.8				
10/12/2017	2.075	6.84			1	0.5
10/13/2017	1.904	6.85				
10/14/2017	1.956	7				
10/15/2017	2.43	6.98				
10/16/2017	2.093	6.85				
10/17/2017	2.043	6.84	2.2	0.6	1	0.5
10/18/2017	1.94	6.92				
10/19/2017	1.997	7			1	0.5
10/20/2017	1.791	6.86				
10/21/2017	1.89	6.86				
10/22/2017	2.247	6.95				
10/23/2017	2.018	6.98				
10/24/2017	1.855	6.89	2.2	0.6	1	1.1
10/25/2017	1.83	6.69				
10/26/2017	1.841	6.74			1	0.5
10/27/2017	1.797	6.7				
10/28/2017	2.089	6.87				
10/29/2017	2.29	6.86				
10/30/2017	1.811	6.8				
10/31/2017	1.787	6.67	2.5	0.52	1	1
11/01/2017	1.904	6.83				
11/02/2017	1.841	7.06			5.8	0.5
11/03/2017	1.738	6.95				
11/04/2017	2.036	7.07				
11/05/2017	2.303	6.8				
11/06/2017	1.921	6.81				
11/07/2017	1.919	6.72	2.2	0.46	1	0.5
11/08/2017	2.125	7.08				

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DATE	FLOW_INF_FI	pH_FI_SJR_MIN	TN_EFF_FI_TO_SJR	TP_EFF_FI_TO_SJR	CBOD_EFF_FI_TO_SJR	TSS_EFF_FI_TO_SJR
11/09/2017	2.04	6.95			5.2	1
11/10/2017	1.952	6.9				
11/11/2017	1.969	6.78				
11/12/2017	2.206	6.82				
11/13/2017	1.901	6.68				
11/14/2017	1.889	6.76			1	0.5
11/15/2017	1.842	6.86				
11/16/2017	1.837	6.71	3.3	0.41	1	0.5
11/17/2017	1.857	6.75				
11/18/2017	1.839	6.83				
11/19/2017	2.097	6.76				
11/20/2017	1.886	6.75				
11/21/2017	1.93	6.77	2.8	0.36	2	0.5
11/22/2017	2.017	6.75			1	0.5
11/23/2017	2.352	6.84				
11/24/2017	1.94	6.94				
11/25/2017	1.953	6.82				
11/26/2017	2.248	6.82				
11/27/2017	1.99	6.7				
11/28/2017	2.036	6.76	2.1	0.22	1	1.2
11/29/2017	2.07	6.75				
11/30/2017	2.11	6.58			1	0.5
12/01/2017	2.196	6.8				
12/02/2017	1.789	6.9				
12/03/2017	2.108	6.84				
12/04/2017	1.88	6.91				
12/05/2017	1.966	6.94	2	0.19	1	0.5
12/06/2017	2.014	6.8				
12/07/2017	2.24	6.85			5	0.5
12/08/2017	1.974	6.79				
12/09/2017	2.13	6.78				
12/10/2017	2.227	6.91				
12/11/2017	1.882	6.83				
12/12/2017	1.912	6.7	3.2	0.22	5.9	0.5
12/13/2017	1.828	6.81				
12/14/2017	1.862	6.78			1	0.5
12/15/2017	1.922	6.72				
12/16/2017	1.867	6.78				
12/17/2017	2.019	6.75				

Clay County Utility Authority - Fleming Island Data						
DATE	FLOW_ INF FI	pH FI_ SJR_MIN	TN_EFF FI _TO SJR	TP_EFF FI _TO SJR	CBOD_EFF FI _TO SJR	TSS_EFF_ FI TO SJR
12/18/2017	1.86	6.74				
12/19/2017	1.985	6.75	2	0.27	1	0.5
12/20/2017	2.06	6.76			7.7	0.5
12/21/2017	2.078	6.85				
12/22/2017	2.125	6.83				
12/23/2017	2.139	6.76				
12/24/2017	2.167	6.84				
12/25/2017	2.376	7.49				
12/26/2017	2.074	6.86				
12/27/2017	1.895	6.74	1.9	0.26	8.1	0.5
12/28/2017	1.856	6.77			2	0.5
12/29/2017	1.961	6.78				
12/30/2017	2.121	6.86				
12/31/2017	2.298	6.79				