



Bid No. 20-122 - Testing for Wastewater Treatment Plant & Pretreatment Program
 Bid Opening: 4/20/20 @ 2:00 p.m. (Non-Public)
 All bids are subject to correction after bids have been completely reviewed.

PDC Laboratories, Inc. 944 Anglum Road Hazelwood, MO 63042 314.432.0550 mschrader@pdclab.com	Teklab, Inc. 5445 Horseshoe Lake Road Collinsville, IL 62234 618.344.1004 jhriley@teklabinc.com	Pace Analytical 9608 Loiret Blvd. Lenexa, KS 66219 913.599.5665 gregory.groene@pacelabs.com	Inovatia Laboratories, LLC 120 East Davis Street Fayette, MO 65248 660.248.1911 jvandelicht@inovatia.com
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Item	Parameter	Sample Matrix	wk	mth	qtr	Ann.	Year Total	Subcontract Lab Name	Cost Per Test	Total Cost	Subcontract Lab Name	Cost Per Test	Total Cost	Subcontract Lab Name	Cost Per Test	Total Cost	Subcontract Lab Name	Cost Per Test	Total Cost
1	BOD	ww	3				156		\$ 19.00	\$ 2,964.00		\$ 20.10	\$ 3,135.60		\$ 20.00	\$ 3,120.00		\$ 37.50	\$ 5,850.00
2	COD	ww	*				*		\$	\$0.00		\$ 15.00	\$ 15.00		\$ 20.00	\$ 20.00		\$ 35.00	\$ 35.00
3	TS	ww	*				*		\$	\$0.00		\$ 5.00	\$ 5.00		\$ 15.00	\$ 15.00		\$ 20.00	\$ 20.00
4	TSS	ww	3				156		\$ 11.00	\$ 1,716.00		\$ 10.00	\$ 1,560.00		\$ 15.00	\$ 2,340.00		\$ 20.00	\$ 3,120.00
5	Oil & Grease	ww		1			12		\$ 27.50	\$ 330.00		\$ 28.00	\$ 336.00		\$ 50.00	\$ 600.00		\$ 47.50	\$ 570.00
6	Ammonia-N	ww	1				52		\$ 25.00	\$ 1,300.00		\$ 17.50	\$ 910.00		\$ 15.00	\$ 780.00		\$ 25.00	\$ 1,300.00
7	Acute WET	ww				1*	1*		\$ 600.00	\$ 600.00		\$ 700.00	\$ 700.00		\$ 650.00	\$ 650.00		\$730.00 ***	\$730.00 ***
8	Chronic WET	ww				1*	1*		\$ 2,000.00	\$ 2,000.00		\$ 1,650.00	\$ 1,650.00		\$ 1,450.00	\$ 1,450.00		\$1,860.00 ***	\$1,860.00 ***
9	Total Phosphorus	ww	**				*		\$	\$0.00		\$ 17.50	\$ 17.50		\$ 20.00	\$ 20.00		\$ 32.50	\$ 32.50
10	Total Nitrogen	ww	**				*		\$	\$0.00		Calculation	***		\$ 15.00	\$ 15.00		\$0.00	\$0.00
11	TKN	ww	**				*		\$	\$0.00		\$ 26.80	\$ 26.80		\$ 20.00	\$ 20.00		\$ 35.00	\$ 35.00
12	Nitrate	ww	**				*		\$	\$0.00		\$ 17.00	\$ 17.00		\$ 15.00	\$ 15.00		\$ 25.00	\$ 25.00
13	Nitrite	ww	**				*		\$	\$0.00		\$ 17.00	\$ 17.00		\$ 15.00	\$ 15.00		\$ 30.00	\$ 30.00
14	Chloride	ww	**				*		\$	\$0.00		\$ 14.40	\$ 14.40		\$ 15.00	\$ 15.00		\$ 30.00	\$ 30.00
15	Cyanide	ww				1	1		\$ 32.00	\$ 32.00		\$ 26.00	\$ 26.00		\$ 40.00	\$ 40.00		\$ 40.00	\$ 40.00
16	Expanded EFF.	ww				1	1		\$ 635.00	\$ 635.00		\$ 402.70	\$ 402.70		\$ 725.00	\$ 725.00		\$825.00 ***	\$825.00 ***

***Total Nitrogen in the sum of TKN, NO3, NO2, if these are requested there will be no charge. If they are requested cost will be \$43.80

***Inovatia does not provide sampling services at this time. Acute and Chronic WET test prices include kit fees.

Sub Total								\$	9,577.00	\$	8,833.00	\$	9,840.00	\$	11,087.50
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Courier pickup days: Mon, Tues, Wed, Thur, Fri Mon, Tues, Wed, Thurs, & Fri. Mon, Tues, Wed, Thurs, & Fri. Tues, Wed, Thurs, & Fri.

Item	Parameter	Sample Matrix	wk	mth	qtr	Ann.	Year Total	Subcontract Lab Name	Cost Per Test	Total Cost	Subcontract Lab Name	Cost Per Test	Total Cost	Subcontract Lab Name	Cost Per Test	Total Cost	Subcontract Lab Name	Cost Per Test	Total Cost
17	Total Phosphorus	ww					3		\$ 9.00	\$ 108.00		\$ 17.50	\$ 210.00		\$ 35.00	\$ 420.00		\$ 32.50	\$ 390.00
18	Total Nitrogen	ww					3		*Calculation	TKN+NO2+NO3		Calculated			\$ 15.00	\$ 180.00		\$0.00	\$0.00
19	TKN	ww					3		\$ 30.00	\$ 360.00		\$ 26.80	\$ 321.60		\$ 20.00	\$ 240.00		\$ 35.00	\$ 420.00
20	Nitrate	ww					3		\$ 17.00	\$ 204.00		\$ 17.00	\$ 204.00		\$ 15.00	\$ 180.00		\$ 25.00	\$ 300.00
21	Nitrite	ww					3		\$ 17.00	\$ 204.00		\$ 17.00	\$ 204.00		\$ 15.00	\$ 180.00		\$ 30.00	\$ 360.00
22	Chloride	ww					3		\$ 17.00	\$ 204.00		\$ 14.40	\$ 172.80		\$ 15.00	\$ 180.00		\$ 40.00	\$ 480.00

*No charge for total Nitrogen when TKN, NO2 & NO3 are analyzed

Sub Total								\$	1,080.00	\$	1,112.40	\$	1,380.00	\$	1,950.00
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Courier pickup days: Mon, Tues, Wed, Thur, Fri Mon, Tues, Wed, Thurs, & Fri. Mon, Tues, Wed, Thurs, & Fri. Mon, Tues, Wed, Thurs, & Fri.

								PDC Laboratories, Inc.			Teklab, Inc.			Pace Analytical			Inovatia Laboratories, LLC		
								944 Anglum Road			5445 Horseshoe Lake Road			9608 Loiret Blvd.			120 East Davis Street		
								Hazelwood, MO 63042			Collinsville, IL 62234			Lenexa, KS 66219			Fayette, MO 65248		
								314.432.0550			618.344.1004			913.599.5665			660.248.1911		
								mschrader@pdclab.com			jhriley@teklabinc.com			gregory.groene@pacelabs.com			jvandelicht@inovatia.com		
Item	Parameter	Sample Matrix	wk	mth	qtr	Ann.	Year Total	Subcontract Lab Name	Cost Per Test	Total Cost	Subcontract Lab Name	Cost Per Test	Total Cost	Subcontract Lab Name	Cost Per Test	Total Cost	Subcontract Lab Name	Cost Per Test	Total Cost
23	Total Nitrogen	WWSL		1			12		*Calculation	TKN+NO2+NO3		Calculated			\$ 15.00	\$ 180.00		\$ 0.00	\$ 0.00
24	Nitrate	WWSL		1			12		\$ 17.00	\$ 204.00		\$ 32.50	\$ 390.00		\$ 15.00	\$ 180.00		\$ 30.00	\$ 360.00
25	Nitrite	WWSL		1			12		\$ 17.00	\$ 204.00		\$ 17.00	\$ 204.00		\$ 15.00	\$ 180.00		\$ 30.00	\$ 360.00
26	TS	WWSL	1	1			64		\$ 11.00	\$ 704.00		\$ 10.00	\$ 640.00		\$ 15.00	\$ 960.00		\$ 20.00	\$ 1,280.00
27	TSS	WWSL	1	1			64		\$ 11.00	\$ 704.00		\$ 5.00	\$ 320.00		\$ 15.00	\$ 960.00		\$ 20.00	\$ 1,280.00
28	TVSS	WWSL		1			12		\$ 11.00	\$ 132.00		\$ 12.00	\$ 144.00		\$ 20.00	\$ 240.00		\$ 35.00	\$ 420.00
29	TKN	WWSL		1			12		\$ 30.00	\$ 360.00		\$ 26.80	\$ 321.60		\$ 20.00	\$ 240.00		\$ 35.00	\$ 420.00
30	Ammonia-N	WWSL		1			12		\$ 25.00	\$ 300.00		\$ 26.00	\$ 312.00		\$ 15.00	\$ 180.00		\$ 47.50	\$ 570.00
31	Organic Nitrogen	WWSL		1			4		**Calculation	TKN-NH3		Calculated			\$ 15.00	\$ 60.00		\$ 50.00	\$ 200.00
32	PAN Nitrogen	WWSL		1			4		***Calculation	NO2+NO3+NH3+Volf		\$ 46.00	\$ 184.00		\$ 80.00	\$ 320.00		\$ 0.00	\$ 0.00
33	P as P205	WWSL		1			12		\$ 9.00	\$ 108.00		\$ 10.00	\$ 120.00		\$ 20.00	\$ 240.00		\$ 37.50	\$ 450.00
34	S as SO4	WWSL		1			12		\$ 9.00	\$ 108.00		\$ 10.00	\$ 120.00		\$ 20.00	\$ 240.00		\$ 37.50	\$ 450.00
35	K as K2O	WWSL		1			12		\$ 9.00	\$ 108.00		\$ 10.00	\$ 120.00		\$ 20.00	\$ 240.00		\$ 37.50	\$ 450.00
36	Bio Total Metals	WWSL		1			12		\$ 145.00	\$ 1,740.00		\$ 93.00	\$ 1,116.00		\$ 145.00	\$ 1,740.00		\$ 312.50	\$ 3,750.00
37	Paint Filter Test	WWSL				1	1		\$ 12.00	\$ 12.00		\$ 12.60	\$ 12.60		\$ 15.00	\$ 15.00		\$ 20.00	\$ 20.00
38	ASH	WWSL		1			12		\$ 20.00	\$ 240.00		\$ 26.00	\$ 312.00		\$ 30.00	\$ 360.00		\$ 50.00	\$ 600.00
39	Priority Pollutants	WWSL				1	1		\$ 638.00	\$ 638.00	Dioxin Pace Asbestos EMSL	*\$933.00	\$ 933.00		\$ 721.00	\$ 721.00		\$ 1,263.00	\$ 1,263.00
								*No charge for total Nitrogen when TKN, NO2 & NO3 are analyzed **No charge for Organic Nitrogen when TKN & NH3 are analyzed ***No charge for PAN Nitrogen when NO2, NO3, NH3 & TVSS are analyzed			*Dioxin is \$415.00 of the cost. May not be needed								
Sub Total								\$ 5,562.00			\$ 5,250.10			\$ 7,056.00			\$ 11,873.00		
Courier pickup days: Mon, Tues, Wed, Thur, Fri								Mon, Tues, Wed, Thurs, & Fri.			Mon, Tues, Wed, Thurs, & Fri.			Mon, Tues, Wed, Thurs, & Fri.			Mon, Tues, Wed, Thurs, & Fri.		
Item	Parameter	Sample Matrix	wk	mth	qtr	Ann.	Year Total	Subcontract Lab Name	Cost Per Test	Total Cost	Subcontract Lab Name	Cost Per Test	Total Cost	Subcontract Lab Name	Cost Per Test	Total Cost	Subcontract Lab Name	Cost Per Test	Total Cost
40	Chlorinate Herbicides TCLP by Gc/EDC	WWSL				1	1		\$ 160.00	\$ 160.00		\$ 150.00	\$ 150.00		\$ 120.00	\$ 120.00		\$ 150.00	\$ 150.00
41	Cyanide Reactive	WWSL				1	1		\$ 30.00	\$ 30.00		\$ 26.00	\$ 26.00		\$ 70.00	\$ 70.00		\$ 60.00	\$ 60.00
42	Flashpoint Closed Cup	WWSL				1	1		\$ 30.00	\$ 30.00		\$ 26.80	\$ 26.80		\$ 50.00	\$ 50.00		\$ 45.00	\$ 45.00
43	Organochlorine Pesticides TCLP by GC/ECD	WWSL				1	1		\$ 120.00	\$ 120.00		\$ 80.00	\$ 80.00		\$ 80.00	\$ 80.00		\$ 150.00	\$ 150.00
44	Paint Filter	WWSL				1	1		\$ 12.00	\$ 12.00		\$ 12.60	\$ 12.60		\$ 15.00	\$ 15.00		\$ 20.00	\$ 20.00
45	PCBs SPLP by GC/ECD	WWSL				1	1		\$ 80.00	\$ 80.00		\$ 60.00	\$ 60.00		\$ 120.00	\$ 120.00		\$ 300.00	\$ 300.00
46	pH for solids	WWSL				1	1		\$ 5.00	\$ 5.00		\$ 12.50	\$ 12.50		\$ 15.00	\$ 15.00		\$ 15.00	\$ 15.00
47	RCRA 8 TCLP Metals	WWSL				1	1		\$ 80.00	\$ 80.00		\$ 74.00	\$ 74.00		\$ 95.00	\$ 95.00		\$ 165.00	\$ 165.00
48	Semivolatiles by GCMS	WWSL				1	1		\$ 180.00	\$ 180.00		\$ 150.00	\$ 150.00		\$ 225.00	\$ 225.00		\$ 245.00	\$ 245.00
49	Semivolatiles, by TCLP GCMS	WWSL				1	1		\$ 180.00	\$ 180.00		\$ 125.00	\$ 125.00		\$ 225.00	\$ 225.00		\$ 225.00	\$ 225.00
50	Sulfide Reative	WWSL				1	1		\$ 30.00	\$ 30.00		\$ 24.75	\$ 24.75		\$ 70.00	\$ 70.00		\$ 60.00	\$ 60.00
51	TCLP 1311 - Organics	WWSL				1	1		\$ 50.00	\$ 50.00		\$ 40.00	\$ 40.00		\$ 55.00	\$ 55.00		\$ 725.00 *	\$ 725.00*
52	Total Solids	WWSL				1	1		\$ 10.00	\$ 10.00		\$ 10.00	\$ 10.00		\$ 15.00	\$ 15.00		\$ 20.00	\$ 20.00
53	Volatiles by GCMS	WWSL				1	1		\$ 90.00	\$ 90.00		\$ 80.00	\$ 80.00		\$ 90.00	\$ 90.00		\$ 140.00	\$ 140.00
54	Volatiles TCLP by GCMS	WWSL				1	1		\$ 90.00	\$ 90.00		\$ 75.00	\$ 75.00		\$ 90.00	\$ 90.00		\$ 200.00	\$ 200.00
55	ZHE Prep	WWSL				1	1		\$ 50.00	\$ 50.00		\$ 50.00	\$ 50.00		\$ 65.00	\$ 65.00		\$ 75.00	\$ 75.00
																	*We assume this to be the combined price for TCLP VOC, SVOC, Pest & Herbicides. These items are priced individually		
Sub Total								\$ 1,197.00			\$ 996.65			\$ 1,400.00			\$ 2,595.00		
Courier pickup days: Mon, Tues, Wed, Thur, Fri								Mon, Tues, Wed, Thurs, & Fri.			Mon, Tues, Wed, Thurs, & Fri.			Mon, Tues, Wed, Thurs, & Fri.			Mon, Tues, Wed, Thurs, & Fri.		

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Item	Parameter	Sample Matrix	wk	mtw	qtr	Ann.	Year Total	Subcontract Lab Name	Cost Per Test	Total Cost	Subcontract Lab Name	Cost Per Test	Total Cost	Subcontract Lab Name	Cost Per Test	Total Cost	Subcontract Lab Name	Cost Per Test	Total Cost		
56	Chloride	ww				13	13		\$ 17.00	\$ 221.00		\$ 14.40	\$ 187.20		\$ 15.00	\$ 195.00		\$ 30.00	\$ 390.00		
57	Nitrate	ww				11	11		\$ 17.00	\$ 187.00		\$ 17.00	\$ 187.00		\$ 15.00	\$ 165.00		\$ 25.00	\$ 275.00		
58	Nitrite	ww				11	11		\$ 17.00	\$ 187.00		\$ 17.00	\$ 187.00		\$ 15.00	\$ 165.00		\$ 30.00	\$ 330.00		
59	Total Nitrogen	ww				11	11		*Calculation	TKN+NO2+NO3		Calculation			\$ 15.00	\$ 165.00		\$ 0.00	\$ 0.00		
60	BOD	ww				13	13		\$ 21.00	\$ 273.00		\$ 20.10	\$ 261.30		\$ 20.00	\$ 260.00		\$ 37.50	\$ 487.50		
61	COD	ww				13	13		\$ 20.00	\$ 260.00		\$ 15.00	\$ 195.00		\$ 20.00	\$ 260.00		\$ 35.00	\$ 455.00		
62	TSS	ww				13	13		\$ 12.00	\$ 156.00		\$ 10.00	\$ 130.00		\$ 15.00	\$ 195.00		\$ 20.00	\$ 260.00		
63	Surfactants	ww				11	11		\$ 55.00	\$ 605.00		\$ 54.80	\$ 602.80		\$ 75.00	\$ 825.00		\$ 150.00	\$ 1,650.00		
64	Oil & Grease	ww				11	11		\$ 27.50	\$ 302.50		\$ 28.00	\$ 308.00		\$ 50.00	\$ 550.00		\$ 47.50	\$ 522.50		
65	Cyanide	ww				11	11		\$ 32.00	\$ 352.00		\$ 26.00	\$ 286.00		\$ 40.00	\$ 440.00		\$ 40.00	\$ 440.00		
66	TKN	ww				13	13		\$ 30.00	\$ 390.00		\$ 26.80	\$ 348.40		\$ 20.00	\$ 260.00		\$ 35.00	\$ 455.00		
67	Ammonia-N	ww				11	11		\$ 25.00	\$ 275.00		\$ 17.50	\$ 192.50		\$ 15.00	\$ 165.00		\$ 25.00	\$ 275.00		
68	Pesticides	ww				6	6		\$ 120.00	\$ 720.00		\$ 80.00	\$ 480.00		\$ 80.00	\$ 480.00		\$ 190.00	\$ 1,140.00		
69	VOC	ww				4	4		\$ 90.00	\$ 360.00		\$ 75.00	\$ 300.00		\$ 90.00	\$ 360.00		\$ 145.00	\$ 580.00		
70	SVOC	ww				4	4		\$ 180.00	\$ 720.00		\$ 150.00	\$ 600.00		\$ 225.00	\$ 900.00		\$ 250.00	\$ 1,000.00		
71	Total Metals	ww				11	11		\$ 208.00	\$ 2,288.00		\$ 135.00	\$ 1,485.00		\$ 355.00	\$ 3,905.00		\$ 442.50	\$ 4,867.50		
72	Field Sampling	ww				11	11		**\$55.00	\$ 1,100.00		\$ 130.00	\$ 1,430.00		\$ 378.19	\$ 4,160.09		N/A	N/A		
73	Rent Autosampler	ww				11	11		No Charge			\$ 80.00	\$ 880.00		\$ 226.36	\$ 2,489.96		N/A	N/A		
									*No charge for Total Nitrogen when TKN, NO2 & NO3 are analyzed **20 hours were used as an estimate as indicated in addendum II. Actual hours may be less												
Sub Total									\$ 8,396.50			\$ 8,060.20			\$ 15,940.05			\$ 13,127.50			
Courier pickup days: Mon, Tues, Wed, Thur, Fri									Mon, Tues, Wed, Thurs, & Fri.			Mon, Tues, Wed, Thurs, & Fri.			Mon, Tues, Wed, Thurs, & Fri.			Tues, Wed, Thurs, & Fri.			