

**ARLINGTON COUNTY, VIRGINIA**

**AGREEMENT NO. 19-205-ITB  
AMENDMENT NUMBER 2**

This Amendment Number **2** is made 1/20/2023 by the County and amends Agreement Number **19-205-ITB** ("Main Agreement") dated **December 31, 2019**, between **ALS Group USA Corp.** ("Contractor") and the County Board of Arlington County, Virginia ("County").

The County and the Contractor agree to amend the main contract called for under the Main Agreement as follows:

- 1. PURSUANT TO SECTION 4. CONTRACT TERM CONTRACT IS HEREBY RENEWED FROM MARCH 31, 2023, TO APRIL 1, 2024. NO RENEWALS REMAIN.**
- 2. PURSUANT TO SECTION 5. CONTRACT PRICING WITH OPTIONAL PRICE ADJUSTMENTS DELETE ATTACHMENT A PRICING SHEET IN ITS ENTIRETY AND REPLACE IT WITH REVISED ATTACHMENT A PRICING SHEET.**

All other terms and conditions of the Main Agreement remain in effect.

WITNESS these signatures:

THE COUNTY BOARD OF ARLINGTON  
COUNTY, VIRGINIA

ALS GROUP USA CORP.

AUTHORIZED: DocuSigned by:  
SIGNATURE: Dr. SHARON T. LEWIS  
89B86B1AD301462...

AUTHORIZED: DocuSigned by:  
SIGNATURE: Joe Ribar  
CD03052179A84E6...

NAME: DR. SHARON T. LEWIS

NAME: Joe Ribar

TITLE: PURCHASING AGENT

TITLE: Regional Manager

DATE: 1/23/2023

DATE: 1/20/2023



# REVISED

ATTACHMENT A TO Arlington County Solicitation 19-205-ITB: PRICING SHEET								
							ALS GROUP USA CORP. DBA ALS ENVIRONMENTAL	
TESTING, SAMPLING, & ANALYTICAL SERVICES BID FORM							301 FULLING MILL ROAD, MIDDLETOWN, PA 17057	
							CONTACT: MS. FIONA ADAMSKY	
NOTE: Reporting levels are equivalent to quantification levels							PHONE: 717-514-0564	
PLEASE PROVIDE INFORMATION IN ALL CELLS HIGHLIGHTED IN BLUE ENTER "NC" IF NOT CERTIFIED FOR A METHOD OR POLLUTANT						CURRENT 2020-2023	PROPOSED 2023-2024	
PARAMETER	UNIT	VA WQS	RL/QL	MDL	METHOD	\$/smp	CPI INCREASE (7.7%)	REMARKS
<b>Metals (Group Price)</b>						\$75.00	\$80.78	GROUP PRICE
Antimony, Total	ug/L	640	1	0.33	EPA 200.8	\$8.00	\$8.62	
Arsenic, total	ug/L	150	1.5	0.5	EPA 200.8	\$8.00	\$8.62	
Cadmium, Total	ug/L	1.4	0.2	0.16	EPA 200.8	\$8.00	\$8.62	
Chromium, Total	ug/L	94	1	0.33	EPA 200.8	\$8.00	\$8.62	
Copper, Total	ug/L	11.5	2.5	0.83	EPA 200.8	\$8.00	\$8.62	
Lead, Total	ug/L	14.7	1	0.33	EPA 200.8	\$8.00	\$8.62	
Mercury, Total	ug/L	0.77	0.2	0.16	<del>EPA 245.2</del>	\$15.00	\$16.16	EPA 245.1
Molybdenum, Total	ug/L		1	0.33	EPA 200.8	\$8.00	\$8.62	
Nickel, Total	ug/L	26	2.5	0.83	EPA 200.8	\$8.00	\$8.62	
Selenium, Total	ug/L	5	2	0.66	EPA 200.8	\$8.00	\$8.62	
Silver, Total	ug/L	5.71	0.5	0.33	EPA 200.8	\$8.00	\$8.62	
Thallium, Total	ug/L	0.47	0.5	0.16	EPA 200.8	\$8.00	\$8.62	
Zinc, Total	ug/L	150	2.5	0.83	EPA 200.8	\$8.00	\$8.62	
<b>Volatiles (Method 624 Group Price - shall be the same regardless of individual analyte requested)</b>						\$60.00	\$64.62	Method 624.1
Acrolein	ug/L	3	2.5	1.9	EPA 624			Accreditation is by 624.1
Acrylonitrile	ug/L	2.5	5	1.2	EPA 624			Accreditation is by 624.1
Benzene	ug/L	510	1	0.23	EPA 624			Accreditation is by 624.1
Bromoform	ug/L	1400	1	0.4	EPA 624			Accreditation is by 624.1
Carbon Tetrachloride	ug/L	16	1	0.31	EPA 624			Accreditation is by 624.1
Chlorobenzene	ug/L	1600	1	0.19	EPA 624			Accreditation is by 624.1
Chlorodibromomethane	ug/L	130	1	0.45	EPA 624			Accreditation is by 624.1
Chloroform	ug/L	11000	1	0.21	EPA 624			Accreditation is by 624.1
Dichlorobromomethane	ug/L	170	1	0.27	EPA 624			Accreditation is by 624.1
1,2-Dichloroethane	ug/L	370	1	0.28	EPA 624			Accreditation is by 624.1
1,1-Dichloroethene	ug/L	7100	1	0.29	EPA 624			Accreditation is by 624.1
1,2-trans Dichloroethylene (trans-1,2 dichloroethene)	ug/L	10000	1	0.26	EPA 624			Accreditation is by 624.1
Dichloromethane (Methylene Chloride)	ug/L	5900	1	0.45	EPA 624			Accreditation is by 624.1
1,2-Dichloropropane	ug/L	150	1	0.24	EPA 624			Accreditation is by 624.1
1,3-Dichloropropylene	ug/L	210	2	0.47	EPA 624			Accreditation is by 624.1
Ethylbenzene	ug/L	2100	1	0.34	EPA 624			Accreditation is by 624.1



PARAMETER	UNIT	VA WQS	RL/QL	MDL	METHOD	\$/smp	CPI INCREASE (7.7%)	REMARKS
Methyl bromide (bromomethane)	ug/L	1500	1	0.39	EPA 624			Accreditation is by 624.1
1,1,2,2-Tetrachloroethane	ug/L	40	1	0.34	EPA 624			Accreditation is by 624.1
Tetrachloroethylene	ug/L	33	1	0.35	EPA 624			Accreditation is by 624.1
Toluene	ug/L	6000	1	0.23	EPA 624			Accreditation is by 624.1
1,1,2-Trichloroethane	ug/L	160	1	0.33	EPA 624			Accreditation is by 624.1
Trichloroethylene	ug/L	300	1	0.33	EPA 624			Accreditation is by 624.1
Vinyl Chloride	ug/L	24	1	0.3	EPA 624			Accreditation is by 624.1
<b>BNAs (Method 625 Group Price - shall be the same regardless of individual analyte requested)</b>						\$115.00	\$123.86	Method 625.1
Acenaphthene	ug/L	990	1.5	0.15	EPA 625			Accreditation is by 625.1
Anthracene	ug/L	40000	1.5	0.15	EPA 625			Accreditation is by 625.1
Benzdine	ug/L	0.002	4	3.1	EPA 625			Accreditation is by 625.1
Benzo(a)anthracene	ug/L	0.18	1.5	0.13	EPA 625			Accreditation is by 625.1
Benzo(a)pyrene	ug/L	0.18	1.5	0.22	EPA 625			Accreditation is by 625.1
Benzo(b)fluoranthene	ug/L	0.18	1.5	0.11	EPA 625			Accreditation is by 625.1
Benzo(k)fluoranthene	ug/L	0.18	1.5	0.19	EPA 625			Accreditation is by 625.1
Bis(2-chloroethyl) ether	ug/L	5.3	3	0.17	EPA 625			Accreditation is by 625.1
bis(2-chloroisopropyl) ether	ug/L	65000	3	0.28	EPA 625			Accreditation is by 625.1
Butylbenzylphthalate	ug/L	1900	3	0.11	EPA 625			Accreditation is by 625.1
2-Chloronaphthalene	ug/L	1600	3	0.18	EPA 625			Accreditation is by 625.1
2-Chlorophenol	ug/L	150	3	0.33	EPA 625			Accreditation is by 625.1
Chrysene	ug/L	0.018	1.5	0.12	EPA 625			Accreditation is by 625.1
Di-2-Ethylhexyl Phthalate (bis(2-ethylhexyl) phthalate)	ug/L	22	3	0.22	EPA 625			Accreditation is by 625.1
Dibenz(a,h) anthracene	ug/L	0.18	1.5	0.21	EPA 625			Accreditation is by 625.1
Dibutylphthalate (di-N-butyl phthalate)	ug/L	4500	3	0.14	EPA 625			Accreditation is by 625.1
1,2-Dichlorobenzene	ug/L	1300	3	0.2	<del>EPA 625</del>			THis should be run by 624.1 based on 40CfR136. Not accredited in VA by 625.1
1,4-Dichlorobenzene	ug/L	190	3	0.18	<del>EPA 625</del>			THis should be run by 624.1 based on 40CfR136. Not accredited in VA by 625.1
1,3-Dichlorobenzene	ug/L	960	3	0.17	<del>EPA 625</del>			THis should be run by 624.1 based on 40CfR136. Not accredited in VA by 625.1
3,3-Dichlorobenzidine	ug/L	0.28	3	0.48	EPA 625			Accreditation is by 625.1
2,4-Dichlorophenol	ug/L	290	3	0.32	EPA 625			Accreditation is by 625.1
Diethylphthalate	ug/L	44000	3	0.18	EPA 625			Accreditation is by 625.1
Dimethyl phthalate	ug/L	1100000	3	0.14	EPA 625			Accreditation is by 625.1
2,4-Dimethylphenol	ug/L	850	3	0.21	EPA 625			Accreditation is by 625.1
4,6-Dinitro-o-cresol (4,6-dinitro-2-methyl phenol)	ug/L	280	6	0.33	EPA 625			Accreditation is by 625.1
2,4-Dinitrophenol	ug/L	5300	6	1.8	EPA 625			Accreditation is by 625.1
2,4-Dinitrotoluene	ug/L	34	3	0.12	EPA 625			Accreditation is by 625.1
1,2-Diphenylhydrazine	ug/L	2	3	0.26	EPA 625			Accreditation is by 625.1
Fluoranthene	ug/L	140	1.5	0.17	EPA 625			Accreditation is by 625.1
Fluorene	ug/L	5300	1.5	0.2	EPA 625			Accreditation is by 625.1
Hexachlorobutadiene	ug/L	180	3	0.19	EPA 625			Accreditation is by 625.1



PARAMETER	UNIT	VA WQS	RL/QL	MDL	METHOD	\$/smp1	CPI INCREASE (7.7%)	REMARKS
Hexachlorocyclopentadiene	ug/L	1100	3	0.17	EPA 625			Accreditation is by 625.1
Hexachloroethane	ug/L	33	3	0.3	EPA 625			Accreditation is by 625.1
Hexechlorobenzene	ug/L	0.0029	3	0.23	EPA 625			Accreditation is by 625.1
Indeno(1,2,3-cd) pyrene	ug/L	0.18	3	0.1	EPA 625			Accreditation is by 625.1
Isophorone	ug/L	9600	3	0.15	EPA 625			Accreditation is by 625.1
N-Nitrosodimethylamine	ug/L	30	3	0.64	EPA 625			Accreditation is by 625.1
Nitrobenzene	ug/L	690	3	0.28	EPA 625			Accreditation is by 625.1
N-Nitrosodi-n-propylamine	ug/L	5.1	3	0.24	EPA 625			Accreditation is by 625.1
N-Nitrosodiphenylamine	ug/L	60	3	0.18	EPA 625			Accreditation is by 625.1
Pentachlorophenol	ug/L	6.7	6	1.1	EPA 625			Accreditation is by 625.1
Phenol	ug/L	860000	8	0.23	EPA 625			Accreditation is by 625.1
Pyrene	ug/L	4000	1.5	0.16	EPA 625			Accreditation is by 625.1
1,2,4-Trichlorobenzene	ug/L	70	3	0.13	EPA 625			Accreditation is by 625.1
2,4,6-Trichlorophenol	ug/L	24	3	0.57	EPA 625			Accreditation is by 625.1
<b>Pesticides/PCBs (Method 608 Group Price - shall be the same regardless of individual analyte requested)</b>						\$185.00	\$199.25	includes method 608.3 and 622
Aldrin	ug/L	0.0005	0.02	0.005	EPA 608			Accredited by 608.3
Chlordane	ug/L	0.0043	0.5	0.04	EPA 608			Accredited by 608.3
DDD	ug/L	0.0031	0.02	0.007	EPA 608			Accredited by 608.3
DDE	ug/L	0.0022	0.02	0.007	EPA 608			Accredited by 608.3
DDT	ug/L	0.001	0.02	0.006	EPA 608			Accredited by 608.3
Demeton	ug/L	0.1	1	0.17	<del>EPA 608</del>			accredited by 622
Dieldrin	ug/L	0.00054	0.02	0.003	EPA 608			Accredited by 608.3
Alpha-Endosulfan	ug/L	0.056	0.02	0.003	EPA 608			Accredited by 608.3
Beta-Endosulfan	ug/L	0.056	0.02	0.006	EPA 608			Accredited by 608.3
Endrin	ug/L	0.036	0.02	0.008	EPA 608			Accredited by 608.3
Endrin Aldehyde	ug/L	0.3	0.02	0.01	EPA 608			Accredited by 608.3
Heptachlor	ug/L	0.00079	0.02	0.003	EPA 608			Accredited by 608.3
Aroclor 1242	ug/L	0.00064	0.5	0.24	EPA 608			Accredited by 608.3
Aroclor 1254	ug/L	0.00064	0.5	0.1	EPA 608			Accredited by 608.3
Aroclor 1016	ug/L	0.00064	0.5	0.06	EPA 608			Accredited by 608.3
Aroclor 1221	ug/L	0.00064	0.5	0.07	EPA 608			Accredited by 608.3
Aroclor 1232	ug/L	0.00064	0.5	0.19	EPA 608			Accredited by 608.3
Aroclor 1248	ug/L	0.00064	0.5	0.1	EPA 608			Accredited by 608.3
Aroclor 1260	ug/L	0.00064	0.5	0.07	EPA 608			Accredited by 608.3
Toxaphene	ug/L	0.0002	1	0.19	EPA 608			Accredited by 608.3
Alpha BHC	ug/L	0.049	0.02	0.002	EPA 608			Accredited by 608.3
Beta BHC	ug/L	0.17	0.02	0.008	EPA 608			Accredited by 608.3
<b>Pesticides (Method 617 Group Price - shall be the same regardless of individual analyte requested)</b>						\$60.00	\$64.62	Method 608.3
Endosulfan Sulfate	ug/L	89	0.02	0.004	<del>EPA 617</del> EPA 608			Accredited by 608.3



PARAMETER	UNIT	VA WQS	RL/QL	MDL	METHOD	\$/smp	CPI INCREASE (7.7%)	REMARKS
Heptachlor Epoxide	ug/L	0.00039	0.02	0.004	EPA 617	EPA 608		Accredited by 608.3
<b>Pesticides (Method 622 Group Price - shall be the same regardless of individual analyte requested)</b>						\$125.00	\$134.63	Method 622
Chlorpyrifos	ug/L	0.041	1	0.21	EPA 622			
Diazinon	ug/L	0.17	1	0.29	EPA 622			
Guthion	ug/L	0.01	1	0.37	EPA 622			
Parathion	ug/L	0.013	1	0.33	EPA 622			
<b>Pesticides (Method 1613 Group Price - shall be the same regardless of individual analyte requested)</b>						\$385.00	\$414.65	Dioxins only
Nonylphenol	ug/L	6.6			EPA 1613	\$420.00	\$452.34	1613 does not include nonylphenol - \$452.34 ASTM D7065 suncontracted to James Reed
Dioxin	ug/L	0			EPA 1613	\$385.00	\$414.65	ALS - Burlington
<b>Pesticides (Method 8081 Group Price - shall be the same regardless of individual analyte requested)</b>						\$175.00	\$188.48	includes methods 8081 and 8270 (Kepone)
Lindane (G-BHC)	ug/L	0.95	0.02	0.003	EPA 8081			
Methoxychlor	ug/L	0.03	0.02	0.009	EPA 8081			
Mirex	ug/L	0	0.02	0.004	EPA 8081			
Kepone	ug/L	0	16	1.9	<del>EPA 8081</del>	EPA 8270		
<b>Solids</b>								
Total Solids	%				SM2540G	\$8.00	\$8.62	
TCLP Metals	mg/kg		SEE ATTACHED		EPA 6010	\$75.00	\$80.78	(Includes extraction cost)
TCLP Volatiles	ug/L				EPA 8260	\$90.00	\$96.93	(Includes extraction cost)
TCLP Semi-Volatiles	ug/L				EPA 8270	\$14.00	\$15.08	(Includes extraction cost)
TCLP Herbicides/Pesticides	ug/L				EPA 8151	\$120.00	\$129.24	(Includes extraction cost)
<b>Miscellaneous</b>								
Oil & grease	mg/L		4	1.2	EPA 1664	\$28.00	\$30.16	
Mercury	ug/L		0.0005	0.00017	EPA 1631	\$65.00	\$70.01	does not include the required blank
Total Dissolved Solids	mg/L		5	5	<del>EPA 160.1</del>	\$8.00	\$8.62	SM2540C
Chloride	ug/L	230000	1	0.1	EPA 325.3	\$10.00	\$10.77	EPA 300.0
Sulfide	mg/L		1	0.3	<del>EPA 376.2</del>	\$25.00	\$26.93	SM4500-S F
Cyanide (Free)	ug/L	5.2	6	2	EPA 335.4	\$45.00	\$83.47	Subcontracted to Eurofins Lancaster Labs -\$48.47 + \$35
Cyanide (Total)	mg/L		2	0.9	<del>EPA 335.4</del>	\$18.00	\$19.39	Kelada-01
Total Phenolic Compounds	mg/L		0.005	0.0016	EPA 420.4	\$20.00	\$21.54	
Hardness (as CaCO3)	mg/L		5	1.2	<del>EPA 200.7</del>	\$10.00	\$10.77	SM 3500-CA B, Not accredited by 200.7
Sulfate	mg/L		1	0.1	EPA 375.2	\$10.00	\$10.77	EPA 300.0
Total Petroleum Hydrocarbons	mg/L		0.16	0.05	EPA 8015	\$35.00	\$37.70	DRO C10-C28
BOD5	mg/L		2	0.8	<del>EPA 405.1</del>	\$15.00	\$16.16	SM 5210B
CBOD5	mg/L		2	0.5	<del>EPA 405.1</del>	\$18.00	\$19.39	SM 5210B



PARAMETER	UNIT	VA WQS	RL/QL	MDL	METHOD	\$/smp	CPI INCREASE (7.7%)	REMARKS
TSS	mg/L		5	5	EPA 160.2	\$8.00	\$8.62	SM2540D
Ammonia Nitrogen	mg/L		0.1	0.04	EPA 350.1	\$15.00	\$16.16	SM4500 NH3 G
Phosphorus (total)	mg/L		0.1	0.01	EPA 365.4	\$14.00	\$15.08	EPA 365.1
Nitrite	mg/L		0.2	0.02	EPA 353.2	\$10.00	\$10.77	EPA 300.0
Nitrate	mg/L		0.2	0.02	EPA 353.2	\$10.00	\$10.77	EPA 300.0
TKN	mg/L		1	0.5	EPA 351.2	\$22.00	\$23.69	SM4500 NH3 G
E-coli	CML		1		EPA 1603	\$35.00	\$37.70	Colilert MPN-may not be able to meet the hold time...would need to call ahead.
Methyl Mercury (Fish tissue criterion)	mg/kg	0.3	0.01		EPA 1630	\$350.00	\$376.95	ALS, Kelso \$350. Not accredited in VA
Carbaryl	ug/L	2.1	5		EPA 632	\$402.50	\$433.49	Subcontracted to James Reed EPA 625.1
Malathion	ug/L	0.1	1		EPA 1669	\$220.00	\$236.94	Subcontracted to James Reed EPA 614
Tributyltin	ug/L	0.072	0.03		EPA 282.3	\$450.00	\$484.65	Subcontract, Universal Laboratories, ANALYSIS OF BUTYLTINS IN ENVIRONMENTAL SAMPLES
<b>Turnaround Time Pricing</b>								
Quick Turnaround Analysis (1-day)						100%	100%	Surcharge on the cost of the test
Quick Turnaround Analysis (3-day)						50%	50%	Surcharge on the cost of the test
Quick Turnaround Analysis (5-day)						35%	35%	Surcharge on the cost of the test
<b>GRAND TOTAL BID PRICE</b>						\$3,441.50	\$3,741.50	