



City of Tulsa Purchasing Department  
 175 E. 2nd Street 15th Floor  
 Tulsa, OK 74103

TAC 1320  
 Analytical Laboratory Supplies  
 Water & Sewer Department  
 Bid Opening Date: July 25, 2024

Buyer: Julie Miller  
[jamiller@cityoftulsa.org](mailto:jamiller@cityoftulsa.org)  
 Please contact if you have any questions.

**Pricing:**

**(HACH ONLY, NO SUBSTITUTIONS)**

Discription	HACH NO.	QTY UNIT/MEAS		Midland Scientific, Inc.		Hach Company	
				Unit Price	Extended Price	Unit Price	Extended Price
Calcium Carbonate	12001	1	EA	\$182.65	\$182.65	\$186.30	\$186.30
DPD Total Chlorine Powder Pillow (25 mL)	1406428	20	EA	\$271.76	\$5,435.20	\$277.20	\$5,544.00
DPD Free Chlorine Powder Pillow (25 mL)	1407028	20	EA	\$251.47	\$5,029.40	\$256.50	\$5,130.00
Voluette Analytical Standards CL2	1426810	15	EA	\$76.22	\$1,143.30	\$77.75	\$1,166.25
Powder Pillow Buffer Ascorbic Acid	1457799	6	EA	\$33.16	\$198.96	\$33.83	\$202.98
Glass Mixing / Dispensing Bottle for Nitrification Inhibitor	1704200	25	EA	\$6.48	\$162.00	\$6.61	\$165.25
Phenolphthalein Solution	189736	1	EA	\$14.99	\$14.99	\$15.29	\$15.29
Sulfuric Acid Solution 19.2N	203832	2	EA	\$30.79	\$61.58	\$31.40	\$62.80
DPD Free Chlorine Powder Pillow (10 mL)	2105528	20	EA	\$217.06	\$4,341.20	\$221.40	\$4,428.00
DPD Free Cl Reagent (10mL)	2105569	6	EA	\$25.19	\$151.14	\$25.69	\$154.14
DPD Powder Pillows, Total Chlorine Reagent, 10 mL	2105628	8	EA	\$234.71	\$1,877.68	\$239.40	\$1,915.20
DPD Total Chlorine Swiftest Dispenser Refill Vial, Approximately 250 Tests	2105660	10	EA	\$62.99	\$629.90	\$64.25	\$642.50
DPD Total Chlorine Powder Pillow (10 mL)	2105669	20	EA	\$27.35	\$547.00	\$27.90	\$558.00
NitriVer 3 Nitrite Reagent Powder Pillows, 10mL, 100 pk	2107169	10	EA	\$56.64	\$566.40	\$57.77	\$577.70
Powder Pillow Buffer Citrate Type	2107669	6	EA	\$58.85	\$353.10	\$60.02	\$360.12
Alkaline Cyanide Reagent (50 mL)	2122326	15	EA	\$27.44	\$411.60	\$27.98	\$419.70

PAN Indicator Solution (50 mL)	2122426	15	EA	\$26.11	\$391.65	\$26.63	\$399.45
CL17 Total Chlorine Indicator	2263411	15	EA	\$27.61	\$414.15	\$28.17	\$422.55
CL17 Total Chlorine Buffer	2263511	15	EA	\$27.61	\$414.15	\$28.17	\$422.55
4.0 pH Standard (500 mL)	2283449	2	EA	\$16.46	\$32.92	\$16.78	\$33.56
4.00 pH Standard (4L)	2283456	16	EA	\$63.75	\$1,020.00	\$65.02	\$1,040.32
7.0 pH Standard (500 mL)	2283549	2	EA	\$16.46	\$32.92	\$16.78	\$33.56
7.00 pH Standard (4L)	2283556	16	EA	\$63.75	\$1,020.00	\$65.02	\$1,040.32
10.0 pH Standard (500 mL)	2283649	2	EA	\$16.46	\$32.92	\$16.78	\$33.56
10.00 pH Standard (4L)	2283656	14	EA	\$63.75	\$892.50	\$65.02	\$910.28
CL17 F&T Chlorine DPD Compound	2297255	15	EA	\$27.61	\$414.15	\$28.17	\$422.55
CL17 Free Chlorine Indicator	2314011	15	EA	\$27.61	\$414.15	\$28.17	\$422.55
CL17 Free Chlorine Buffer	2314111	15	EA	\$24.66	\$369.90	\$25.15	\$377.25
Bromcresol Green-Methyl Red Indicator	2329249	1	EA	\$41.02	\$41.02	\$41.84	\$41.84
Sample Cell 1" Round Glass 10mL	2427606	10	EA	\$64.89	\$648.90	\$66.19	\$661.90
Process pH Electrolyte (500 mL)	24291-49	10	EA	\$58.06	\$580.60	\$45.53	\$455.30
Formazin Turbidity Standard	246149	2	EA	\$121.76	\$243.52	\$124.20	\$248.40
Ampule Beakers	2484600	25	EA	\$22.67	\$566.75	\$23.13	\$578.25
DPD Free Chlorine Reagent Accuvac Ampules	2502025	25	EA	\$37.64	\$941.00	\$38.38	\$959.50
DPD Free Cl Reagent AccuVac	2502025	12	EA	\$37.64	\$451.68	\$38.38	\$460.56
DPD Total Chlorine Reagent Accuvac Ampules	2503025	25	EA	\$36.75	\$918.75	\$37.48	\$937.00
Ez GGA-No Pipette GGA, Single Dose BOD Standard	2514420	20	EA	\$61.49	\$1,229.80	\$62.72	\$1,254.40
Nitrification Inhibitor for BOD	253334	20	EA	\$260.29	\$5,205.80	\$265.50	\$5,310.00
CL17 Indicator & Buffer	2556900	6	EA	\$87.63	\$525.78	\$68.71	\$412.26
CL17 Total Chlorine Indicator	2557000	10	EA	\$87.63	\$876.30	\$68.71	\$687.10
Nitrogen Ammonia Reagents	2606945	37	EA	\$150.88	\$5,582.56	\$153.90	\$5,694.30
Sample Cell: 5 cm Rectangular Glass, 50 mm Pathlength	2629250	5	EA	\$237.35	\$1,186.75	\$242.10	\$1,210.50

SpecCheck Secondary Gel Standards Set, DPD Chlorine – LR	2635300	17	EA	\$241.76	\$4,109.92	\$246.60	\$4,192.20
Stablcal® Turbidity Standard, 20 NTU, 100 mL	2660142	20	EA	\$70.81	\$1,416.20	\$72.22	\$1,444.40
Stablcal Turbidity Standards Calibration Kit, 0 – 4000 NTU, Sealed Vials	2662105	25	EA	\$333.53	\$8,338.25	\$340.20	\$8,505.00
Stablcal Calibration Set	2662105	1	EA	\$333.53	\$333.53	\$340.20	\$340.20
Stablcal Turbidity Standard, 0.50 NTU, 100 MI	2698042	20	EA	\$67.81	\$1,356.20	\$69.16	\$1,383.20
Chlorine Test Strips	2745050	25	EA	\$26.38	\$659.50	\$26.90	\$672.50
Electrode Storage Solution	2756549	5	EA	\$49.58	\$247.90	\$50.57	\$252.85
Powder Pillow Reagent Monochlor	2802299	15	EA	\$87.05	\$1,305.75	\$88.78	\$1,331.70
DPD Free Chlorine Reagent, Swiftest Dispenser	2802300	15	EA	\$76.28	\$1,144.20	\$77.80	\$1,167.00
DPD Total Chlorine Reagent, Swiftest Dispenser	2802400	15	EA	\$82.89	\$1,243.35	\$84.55	\$1,268.25
Free NH3 Chlorinating Solution	2877436	15	EA	\$66.16	\$992.40	\$67.49	\$1,012.35
SpecCheck Secondary Gel Standards Set, DPD Chlorine – HR	2893300	10	EA	\$243.53	\$2,435.30	\$248.40	\$2,484.00
EZ COD Recycling Kit	2895414	25	EA	\$975.00	\$24,375.00	\$780.30	\$19,507.50
Stablcal® Turbidity Standards Calibration Kit, 2100Q/QIS Portable Turbidimeter, Sealed Vials	2971205	20	EA	\$267.35	\$5,347.00	\$272.70	\$5,454.00
Sodium Thiosulfate Solution	32353	1	EA	\$32.95	\$32.95	\$33.61	\$33.61
Buffer Solution Hardness	42453	2	EA	\$65.97	\$131.94	\$62.55	\$125.10
ManVer Hardness Indicator	42549	1	EA	\$42.05	\$42.05	\$42.88	\$42.88
CI 17 Tubing, Pump Body to Y Fitting & Drain (Order per Foot)	4425300	18	FT	\$13.59	\$244.62	\$10.39	\$187.02
Dispenser Cap for Nitrification Inhibitor	45901	25	EA	\$28.54	\$713.50	\$29.11	\$727.75
Silicone Pump Tubing, 3/8" Interior Diameter, 50ft Roll	4600-50	3	EA	\$632.40	\$1,897.20	\$495.90	\$1,487.70
Sample Cell, 1" Round Plastic 10mL with 1cm Pathlength	4864302	15	EA	\$35.99	\$539.85	\$36.71	\$550.65
Cadmium Column for Nitrate Determination	50237A	25	EA	\$371.46	\$9,286.50	\$297.90	\$7,447.50
CI 17 Non-Assembled Tubing Kit	5448000	3	EA	\$128.55	\$385.65	\$100.80	\$302.40
LDO Sensor Cap for LDO 101 Dissolved Oxygen Probe	5811200	2	EA	\$181.76	\$363.52	\$185.40	\$370.80
IntelliCAL Sensor Cap Replacement Kit	5838000	25	EA	\$187.94	\$4,698.50	\$191.70	\$4,792.50
IntelliCAL LBOD101 Probe Replacement Stirrer Assembly	5850800	25	EA	\$224.65	\$5,616.25	\$232.20	\$5,805.00

CL17 Colorimeter Assy	8560200	2	EA	\$656.50	\$1,313.00	\$514.80	\$1,029.60
CL17 Tubing Kit	8560400	4	EA	\$167.57	\$670.28	\$131.40	\$525.60
Flow Meter Assy	8567900	3	EA	\$482.05	\$1,446.15	\$378.00	\$1,134.00
Full Container Shut Off / For Sampler	8847	1	EA	\$375.29	\$375.29	\$287.10	\$287.10
LDO sc Model 2 Probe	9020000	2	EA	\$3,533.88	\$7,067.76	\$2,834.10	\$5,668.20
Vinyl Intake Tubing, 3/8" Interior Diameter, 25ft	920	2	EA	\$114.60	\$229.20	\$89.86	\$179.72
Strainer, PTFE/Stainless Steel	926	2	EA	\$166.42	\$332.84	\$130.50	\$261.00
SL1000 Replacement Tray	9377700	5	EA	\$171.70	\$858.50	\$137.70	\$688.50
Total Chlorine Chemkeys (25 pk)	9429100	75	EA	\$24.52	\$1,839.00	\$25.01	\$1,875.75
Nitrite Chemkeys (25 pk)	9429300	20	EA	\$49.32	\$986.40	\$50.30	\$1,006.00
Mono-chlor and Free Ammonia Chemkeys	9429600	10	EA	\$144.71	\$1,447.10	\$147.60	\$1,476.00
Pipette Tips 0.1 – 1.0 mL, 100 pk	BBP079	10	EA	\$43.11	\$431.10	\$43.96	\$439.60
Digital pH Sensor	DPD1P1	2	EA	\$1,806.52	\$3,613.04	\$1,416.60	\$2,833.20
IntelliCAL LBOD101 Luminescent/Optical Dissolved Oxygen (LDO) Sensor for BOD Measurements	LBOD10101	25	EA	\$1,404.71	\$35,117.75	\$1,432.80	\$35,820.00
IntelliCal LDO Probes	LDO10105	3	EA	\$1,106.47	\$3,319.41	\$1,128.60	\$3,385.80
DR300 Colorimeters	LPV445.9762110	2	EA	\$585.88	\$1,171.76	\$597.60	\$1,195.20
Sample Vials for TU5200 Turbidity	LZV946	10	EA	\$95.66	\$956.60	\$75.01	\$750.10
StabiCal Turbidity Calibration Standard w/RFID	LZY835	6	EA	\$848.17	\$5,089.02	\$665.10	\$3,990.60
IntelliCAL LBOD101 Sensor Cap Replacement Kit	No Number	10	EA	\$187.94	\$1,879.40	\$191.70	\$1,917.00
Renovo.N Cleaning Solution	S16M001	1	EA	\$46.81	\$46.81	\$35.81	\$35.81
Renovo pH Probe Cleaner	S16M002	4	EA	\$46.81	\$187.24	\$35.81	\$143.24
<b>TOTAL COST NOT TO EXCEED: (All costs must be included, or Your Bid will be disqualified)</b>				<b>\$191,189.40</b>		<b>\$181,528.12</b>	
<b>Delivery:</b>				<b>2-14 Days</b>		<b>Within 30 Days</b>	
<b>Annual Price Adjustment:</b>				<b>3.5%</b>		<b>Up to 6%</b>	
<b>Notes:</b>				Delivery based on Hach's lead times &/or potential backorders.		Dependant on order but current lead time is within 30 days.	

**HACH BRAND EQUIPMENT EVALUATIONS AND REPAIR SERVICES**

Seller shall provide written report of defects within 7 working days after receipt of equipment.

Seller shall provide an estimated cost for repairs within 7 working days after receipt of equipment.

Seller shall not complete any repairs without written approval from the Buyer.

Equipment Evaluation & Report		Hourly Cost	TBD based on the specific piece of equipment & repairs needed. Various, we can't predetermine such costs, but can provide the quote &/or reports within 7 days.		\$391.00/Hr
		Or			
		Per Equipment			N/A

**THE CITY DOES NOT GUARANTEE ANY SPECIFIC QUANTITY OR NUMBER OF PURCHASES, IF ANY, THAT WILL BE MADE DURING THE AGREEMENT TERM.**