MERAS™ ENGINEERING
601 Van Ness Ave. #E3-725 • San Francisco, CA. 94102 • 415.240.4918 • 866.899.9762

WHO IS MERAS?

Meras Engineering is the leading provider of specialty products in the water treatment industry. Based out of the corporate headquarters in San Francisco, California, Meras Engineering has quickly defined itself as the value leader in the market. The company was originally founded by a small group of entrepreneurs with a vision of bringing together the brightest minds in the industry for a common purpose: ***delivering value to every customer, every time.*** As a result, Meras Engineering is currently the fastest growing water treatment company in the Western United States.

Duns Number

144269144

Certified SBA Number

P0721238

HUBZone Certification Number

22182

Federal Tax ID

20-0679322

Meras Engineering's Core Values

- Personal and professional development of our most valuable resources, our people. Each employee brings unique skills and experience to our team and is continually encouraged to use their strengths to build value to themselves, their customers, and their company.
- To always take the appropriate action to protect the environment and all of our valuable resources. Each Meras Engineering program provided will minimize human and environmental exposure.
- To deliver the highest quality products, services, and business partnerships in the industry.

MERAS PEOPLE

Meras Engineering contains the best staffed water treatment organization in the business. Each of our sales engineers has been recognized in the industry as top performers in sales, technology and customer service. Our employee-owned environment creates the

entrepreneurial spirit in each and every employee and each customer's goals are put before our own.

Meras engineering employees have training and experience in specialized areas of water treatment. Following is a comprehensive list of our current team:

Representative	Education	Years Exp	Contact Information
Matt McGillicuddy Senior Account Manager	BS Chemical Engineering, Eastern Michigan University	13	mmcgillicuddy@merasengineering.com 925-567-6322
Bryan O'Connell, Account Manager	BS Chemical Engineering, Georgia Tech	9	boconnell@merasegineering.com 408-438-6803
Ek Vathana, Account Manager	BS Chemical Engineering, Georgia Tech	9	evathana@merasengineering.com 831-970-5971
Chris Binfield, Account Manager	BS Biology, University of Texas	10	cbinfield@merasengineering.com 209-595-5254
James Gentleman Technical Representative	Certified Refrigeration and Boiler Operations	19	jgentleman@merasengineering.com
Thomas Stratton Cogeneration Manager	BS Chemistry University of Southern California	41	tstratton@merasengineering.com
James Shaw, District Account Manager	BS Chemical Engineering, Brigham Young University	13	jshaw@merasengineering.com 209-595-7995
D. Anthony Carter, Ph.D., Vice President	Ph.D. Chemical Engineering University of Manchester	39	acarter@merasengineering.com 415-729-6031

MERAS SERVICE

Meras Engineering is continually recognized as the value leader in water treatment. Each of our customers is provided with personalized services to meet their need and goals of production. Our quality service is measured by the **Four Corners of Success.**

Service Schedule
Your Meras Engineering representative will work with your team to develop a service plan for the year. Projects and routine service items are prioritized so that your Meras representative's time is utilized to fit the needs of your facility.

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Program Operations Manual
Your Meras Engineering representative will deliver a manual of Standard Operating Procedures which includes the vital information to manage a successful water treatment program. This includes program operations specifics, troubleshooting guides, safety information, account administration, instructions for wet chemistry testing, and program monitoring guidelines.

Program Review
At a minimum of once per year, Meras Engineering will meet with your team to discuss progress made in the past year and to prioritize projects in the coming period. Program costs are reviewed along with advancements in system efficiencies, equipment corrosion rates, chemical safety and handling, and progress on all other projects are documented.

Service Reporting
During each service visit, your Meras Engineering representative will document the progress of project work and service items with special note of priority items. The Meras Engineering service visit report will be tailored to meet the needs of your facility.

INDUSTRIES SERVED

Meras Engineering has experience in many industries in specialty water treatment. We employ expert engineers in many specialized fields of study, including...

Pulp & Paper	Automotive	Steels & Metals
Refining & Petrochemical	Food & Beverage	Brewing
Power	Insulation Manufacturing	Semiconductor & Electronics
Institutional & Commercial	Chemical Manufacturing	Pharmaceuticals & Bio-Tech

SPECIFIC OFFERINGS

Within these industries Meras offers a number of different chemical product and service offering. Our chemical products include:

1. Boiler Water Treatment.
2. Cooling Water Treatment.
3. Full spectrum biocides.
4. Steam Treatment.
5. Oxygen Scavengers.

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6. Test Kits/On Site Analytical Tests.
7. Closed Loop Treatments.
8. Passivation Products.
9. Waste Treatment Products (Coagulants, Flocculants)
10. Lay-up Treatments.

Our non-chemical offerings would include consulting services such as:

1. Energy Audits.
2. Efficiency Studies.
3. Metallurgy Analysis.
4. Failure Studies.
5. Stress/Corrosion Testing.
6. Off Site Chemical/Material Analysis.

For a full list of products and pricing please contact us directly. Also, please consider this correspondence to be our commitment to your city to complete any bid package in a timely manor. We appreciate your consideration.

Respectfully Submitted,

Matt McGillicuddy
Senior Account Manager
Meras Engineering, Inc

Meras Engineering - Closed Loop Inhibitor

PRODUCT	Sin #	Contract Discount Without IFF	Net Contract Discount Incl Inc. IFF 0.75%	DESCRIPTION	Density	Package	Weight	Current Price List	Contract Discounted Price Without IFF	Net Contract Price Inc. Price Incl. 0.75% IFF (GSA Advantage)	Total Cost
1020	**524 - 2**	**30%**	**29.48%**	Nitrite Inhibitor (Nitrite, Borate, TTA)	10.3	5	50	$2.88	$ 2.02	$ 2.03	$ 101.56
	524 - 2					30	305	$2.81	$ 1.97	$ 1.98	$ 604.00
	524 - 2					55	580	$2.70	$ 1.89	$ 1.90	$ 1,104.42
1021	**524 - 2**	**30%**	**29.48%**	Molybdate Inhibitor (Moly, Borate, TTA)	10.2	5	50	$4.93	$ 3.45	$ 3.48	$ 173.91
	524 - 2					30	300	$4.86	$ 3.40	$ 3.43	$ 1,028.25
1030	**524 - 2**	**30%**	**29.48%**	Nitrite/Moly Inhibitor (Nitrite,Moly, TTA) w/Blue Dye	10.2	5	50	$4.79	$ 3.35	$ 3.38	$ 168.84
	524 - 2					55	560	$3.71	$ 2.60	$ 2.62	$ 1,464.44
	524 - 2					265	2703	$3.60	$ 2.52	$ 2.54	$ 6,862.65
1040	**524 - 2**	**30%**	**29.48%**	Nitrite/Moly Inhibitor (Nitrite,Moly, TTA)	10.2	5	50	$4.64	$ 3.25	$ 3.28	$ 163.76
	524 - 2					55	560	$3.56	$ 2.49	$ 2.51	$ 1,407.57
	524 - 2					265	2703	$3.42	$ 2.39	$ 2.41	$ 6,519.51
1050	**524 - 2**	**30%**	**29.48%**	Copper Inhibitor (TTA)	9.06	5	45	$5.04	$ 3.53	$ 3.55	$ 159.95
	524 - 2					30	265	$4.97	$ 3.48	$ 3.51	$ 928.85

Meras Engineering - Cooling Water Products

PRODUCT	Sin #	Contract Discount Without IFF	Net Contract Discount Incl Inc. IFF 0.75%	DESCRIPTION	Density	Package	Weight	Current Price List	Contract Discounted Price Without IFF	Net Contract Price Inc. Price Incl. 0.75% IFF (GSA Advantage)	Total Cost
3110	524 - 2	**30%**	**29.48%**	Cooling Inhibitor (HEDP, PMA, TTA, Copolymer)	8.81	5	40	$ 3.96	2.77	$ 2.75	$ 110.05
	524 - 2					30	225	$ 3.89	2.72	$ 2.70	$ 608.08
	524 - 2					55	490	$ 3.85	2.70	$ 2.67	$ 1,310.65
3112	524 - 2	**30%**	**29.48%**	Cooling Inhibitor (HEDP, PMA, TTA, Copolymer)	8.5	5	40	$ 3.17	2.22	$ 2.20	$ 88.09
	524 - 2					30	250	$ 3.06	2.14	$ 2.13	$ 531.48
	524 - 2					55	480	$ 2.95	2.07	$ 2.05	$ 983.77
3113	524 - 2	**30%**	**29.48%**	Cooling Inhibitor (HEDP, PMA, TTA, Copolymer, Mo)	9.15	5	45	$ 4.57	3.20	$ 3.18	$ 142.88
	524 - 2					30	270	$ 4.50	3.15	$ 3.13	$ 844.12
	524 - 2					55	515	$ 4.39	3.07	$ 3.05	$ 1,570.73
3120	524 - 2	**30%**	**29.48%**	Cooling Inhibitor (Biodisp HEDP, PMA, TTA, Biopolymer)	9.19	5	45	$ 5.40	3.78	$ 3.75	$ 168.82
	524 - 2					30	270	$ 5.33	3.73	$ 3.70	$ 999.81
	524 - 2					55	520	$ 5.22	3.65	$ 3.63	$ 1,885.83
3122	524 - 2	**30%**	**29.48%**	Cooling Inhibitor (Biodisp HEDP, PMA, TTA, Biopolymer)	9.39	5	120	$ 3.92	2.74	$ 2.72	$ 326.81
	524 - 2					30	282	$ 3.82	2.67	$ 2.65	$ 748.41
	524 - 2					55	513	$ 3.71	2.60	$ 2.58	$ 1,322.27
	524 - 2					275	2390	$ 3.49	2.44	$ 2.42	$ 5,794.98
3128	524 - 2	**30%**	**29.48%**	Cooling Inhibitor (Biodisp HEDP, PMA, TTA, Biopolymer)	9.32	5	45	$ 3.64	2.55	$ 2.53	$ 113.80
	524 - 2					30	275	$ 3.56	2.49	$ 2.47	$ 680.16
	524 - 2					55	525	$ 3.46	2.42	$ 2.40	$ 1,262.01
	524 - 2					265	2470	$ 3.24	2.27	$ 2.25	$ 5,559.95
3130	524 - 2	**30%**	**29.48%**	Cooling Inhibitor (HEDP, PBTC, PMA, BZT)	8.7	5	40	$ 3.67	2.57	$ 2.55	$ 101.99
	524 - 2					30	255	$ 3.56	2.49	$ 2.47	$ 630.69
	524 - 2					55	485	$ 3.46	2.42	$ 2.40	$ 1,165.86
	524 - 2					265	2306	$ 3.24	2.27	$ 2.25	$ 5,190.78
3132	524 - 2	**30%**	**29.48%**	Cooling Inhibitor (HEDP, PBTC, PMA, BZT)	8.45	5	40	$ 3.02	2.11	$ 2.10	$ 83.93
	524 - 2					30	250	$ 2.92	2.04	$ 2.03	$ 507.17
	524 - 2					55	475	$ 2.81	1.97	$ 1.95	$ 927.32
3134	524 - 2	**30%**	**29.48%**	Cooling Inhibitor (All Organic)	9.03	5	40	$ 4.90	3.43	$ 3.40	$ 136.17
	524 - 2					30	250	$ 4.65	3.26	$ 3.23	$ 807.65
	524 - 2					55	490	$ 4.52	3.16	$ 3.14	$ 1,538.73
	524 - 2					265	2390	$ 4.10	2.87	$ 2.85	$ 6,807.86
3200	524 - 2	**30%**	**29.48%**	Cooling Inhibitor (Once-Though Phosphate) (AKA 2570, 8759)	10.7	5	55	$ 2.95	2.07	$ 2.05	$ 112.72
	524 - 2					30	335	$ 2.92	2.04	$ 2.03	$ 679.60
	524 - 2					55	590	$ 2.75	1.93	$ 1.91	$ 1,127.23
	524 - 2					265	2830	$ 2.25	1.58	$ 1.56	$ 4,423.82
3210	524 - 2	**30%**	**29.48%**	Cooling Inhibitor (TKPP, O-PO4, HEDP, BZT, PAA, Terpolymer)	12.1	5	55	$ 5.83	4.08	$ 4.05	$ 222.77
	524 - 2					30	335	$ 5.65	3.96	$ 3.93	$ 1,314.99
	524 - 2					55	640	$ 5.58	3.91	$ 3.88	$ 2,481.09
3212	524 - 2	**30%**	**29.48%**	Cooling Inhibitor (TKPP, O-PO4, HEDP, BZT, PAA, Terpolymer)	9.72	5	45	$ 3.71	2.60	$ 2.58	$ 115.99
	524 - 2					30	275	$ 3.60	2.52	$ 2.50	$ 687.80
	524 - 2					55	530	$ 3.49	2.44	$ 2.42	$ 1,285.08
3214	524 - 2	**30%**	**29.48%**	Cooling Inhibitor (TKPP, O-PO4, HEDP, BZT, PAA, Terpolymer)	8.98	5	40	$ 3.13	2.19	$ 2.17	$ 86.98
	524 - 2					30	265	$ 3.02	2.11	$ 2.10	$ 556.01
	524 - 2					55	505	$ 2.95	2.07	$ 2.05	$ 1,035.00
3310	524 - 2	**30%**	**29.48%**	Cooling Inhibitor (HEDP, Mo, PAA, BZT, Copolymer, STPP)	11.26	5	55	$ 4.75	3.33	$ 3.30	$ 181.50
	524 - 2					30	330	$ 4.57	3.20	$ 3.18	$ 1,047.75
	524 - 2					55	625	$ 4.50	3.15	$ 3.13	$ 1,953.98

3312 CHEM	524 - 2	**30%**	**29.48%**	Cooling Inhibitor (HEDP, Mo, PAA, BZT, Copolymer, STPP)	9.59	5	45	$ 3.49	2.44	$ 2.42	$ 109.11
	524 - 2					30	285	$ 3.42	2.39	$ 2.38	$ 677.17
	524 - 2					55	540	$ 3.31	2.32	$ 2.30	$ 1,241.80
3312 AMCOR	524 - 2	**30%**	**29.48%**	Cooling Inhibitor	9.01	5	45	$ 3.13	2.19	$ 2.17	$ 97.86
	524 - 2					55	490	$ 2.05	1.44	$ 1.42	$ 697.88
	524 - 2					265	2390	$ 1.98	1.39	$ 1.38	$ 3,287.70
3410	524 - 2	**30%**	**29.48%**	Cooling Inhibitor (HEDP, Mo, Zinc, TTA, Terpolymer)	10.37	5	50	$ 3.56	2.49	$ 2.47	$ 123.67
	524 - 2					30	305	$ 3.51	2.46	$ 2.44	$ 743.76
	524 - 2					55	580	$ 3.42	2.39	$ 2.38	$ 1,378.11
3420	524 - 2	**30%**	**29.48%**	Cooling Inhibitor (Molybdate) (Tri-polymer, Terpolymer,HPA,Zn,Mo,HEDP)	9.04	5	45.2	$ 2.66	1.86	$ 1.85	$ 83.53
	524 - 2					30	272	$ 2.63	1.84	$ 1.83	$ 497.00
	524 - 2					55	490	$ 2.59	1.81	$ 1.80	$ 881.71
	524 - 2					265	2390	$ 2.52	1.76	$ 1.75	$ 4,184.34
3440	524 - 2	**30%**	**29.48%**	Cooling Inhibitor (Tri-polymer, Terpolymer,PBTC,PO4)	8.98	5	45	$ 2.30	1.61	$ 1.60	$ 71.91
	524 - 2					30	270	$ 2.27	1.59	$ 1.58	$ 425.81
	524 - 2					55	490	$ 2.23	1.56	$ 1.55	$ 759.15
	524 - 2					265	2380	$ 2.16	1.51	$ 1.50	$ 3,571.57
3450	524 - 2	**30%**	**29.48%**	Cooling Inhibitor (Tri-polymer,Terpolymer,PBTC,)	8.86	5	45	$ 2.34	1.64	$ 1.63	$ 73.16
	524 - 2					30	266	$ 2.27	1.59	$ 1.58	$ 419.50
	524 - 2					55	480	$ 2.23	1.56	$ 1.55	$ 743.66
	524 - 2					265	2340	$ 2.16	1.51	$ 1.50	$ 3,511.54
3520	524 - 2	**30%**	**29.48%**	Cooling Treatment (UNIVAR)	10.17	5	51	$ 4.01	2.81	$ 2.79	$ 142.08
	524 - 2					30	306	$ 3.49	2.44	$ 2.42	$ 741.95
	524 - 2					265	2695	$ 3.35	2.35	$ 2.33	$ 6,272.38
3550	524 - 2	**30%**	**29.48%**	Passivation Treatment	9.46	55	520	$3.49	2.44	$ 2.42	$ 1,260.83
	524 - 2					265	2500	$3.02	2.11	$ 2.10	$ 5,245.36

Meras Engineering - Boiler Treatment Products

	PRODUCT	Sin #	Contract Discount Without IFF	Net Contract Discount Incl Inc. IFF 0.75%	DESCRIPTION	Density	Package	Weight	Current Price List	Contract Discounted Price Without IFF	Net Contract Price Inc. Price Incl. 0.75% IFF (GSA Advantage)	Total Cost
O2 SCAVENGERS	5100	524 - 2	30%	29.48%	R.O. Chlorine Scavenger Bisulfite (35%)	11.00	5	55	2.87	$ 2.01	$ 2.02	$ 111.32
		524 - 2					30	330	1.75	$ 1.23	$ 1.23	$ 407.28
		524 - 2					55	590	1.45	$ 1.02	$ 1.02	$ 603.34
		524 - 2					265	2860	1.20	$ 0.84	$ 0.85	$ 2,420.42
	5110	524 - 2	30%	29.48%	Sulfite (38% Na2SO3) Catalyzed Sulfite	11.00	5	55	3.48	$ 2.44	$ 2.45	$ 134.98
		524 - 2					30	330	2.48	$ 1.74	$ 1.75	$ 577.18
		524 - 2					55	590	2.40	$ 1.68	$ 1.69	$ 998.63
		524 - 2					265	2860	2.10	$ 1.47	$ 1.48	$ 4,235.73
	5120	524 - 2	30%	29.48%	Sulfite (38% Na2SO3) w/lignin (Decharacterized - USDA)	11.30	5	57	3.10	$ 2.17	$ 2.19	$ 124.62
		524 - 2					30	339	2.70	$ 1.89	$ 1.90	$ 645.52
		524 - 2					55	620	2.61	$ 1.83	$ 1.84	$ 1,141.24
		524 - 2					265	2990	2.25	$ 1.58	$ 1.59	$ 4,744.57
	5114	524 - 2	30%	29.48%	Sulfite (19.4% Na2SO3)	9.75	5	45	2.84	$ 1.99	$ 2.00	$ 90.13
		524 - 2					30	285	2.76	$ 1.93	$ 1.95	$ 554.75
		524 - 2					55	550	2.64	$ 1.85	$ 1.86	$ 1,024.02
	5112	524 - 2	30%	29.48%	Sulfite (33.3% Na2SO3)	10.788	5	50	2.96	$ 2.07	$ 2.09	$ 104.38
		524 - 2					30	325	2.88	$ 2.02	$ 2.03	$ 660.11
		524 - 2					55	620	2.76	$ 1.93	$ 1.95	$ 1,206.82
	5130	524 - 2	30%	29.48%	DEHA	8.3	5	40	6.96	$ 4.87	$ 4.91	$ 196.34
		524 - 2					30	245	6.64	$ 4.65	$ 4.68	$ 1,147.30
		524 - 2					55	490	6.52	$ 4.56	$ 4.60	$ 2,253.13
		524 - 2					265	2200	6.28	$ 4.40	$ 4.43	$ 9,743.73
INTERNAL	5210	524 - 2	30%	29.48%	Phosphate (14.6% P2O5)	10.64	5	50	4.21	$ 2.95	$ 2.97	$ 148.46
		524 - 2					30	315	3.76	$ 2.63	$ 2.65	$ 835.30
		524 - 2					55	600	3.68	$ 2.58	$ 2.60	$ 1,557.19
	5210	524 - 2	30%	29.48%	Phosphonate/Dispersant	9.35	5	47	4.01	$ 2.81	$ 2.83	$ 132.92
		524 - 2					30	281	3.11	$ 2.18	$ 2.19	$ 616.33
		524 - 2					55	510	2.78	$ 1.95	$ 1.96	$ 999.90
		524 - 2					265	2470	2.32	$ 1.62	$ 1.64	$ 4,041.36
	5212	524 - 2	30%	29.48%	Phosphate (4.63% P2O5)	10.68	5	50	3.64	$ 2.55	$ 2.57	$ 128.36
		524 - 2					30	320	3.40	$ 2.38	$ 2.40	$ 767.31
		524 - 2					55	600	3.32	$ 2.32	$ 2.34	$ 1,404.86
		524 - 2					265	2830	3.12	$ 2.18	$ 2.20	$ 6,227.08
	5220	524 - 2	30%	29.48%	Polymer (HEDP, PAA, Gluco, NaOH)	9.24	5	47	5.12	$ 3.58	$ 3.61	$ 169.71
		524 - 2					30	278	3.04	$ 2.13	$ 2.14	$ 596.02
		524 - 2					55	510	2.84	$ 1.99	$ 2.00	$ 1,021.48
	5230	524 - 2	30%	29.48%	Polymer (HEDP, PAA, Gluco, NaOH)	9.2	5	45	3.04	$ 2.13	$ 2.14	$ 96.48
		524 - 2					30	265	2.96	$ 2.07	$ 2.09	$ 553.20
		524 - 2					55	510	2.84	$ 1.99	$ 2.00	$ 1,021.48
	5250	524 - 2	30%	29.48%	Polymer ( ) (PAJARO)		5	45	4.44	$ 3.11	$ 3.13	$ 140.91
		524 - 2					30	279	4.44	$ 3.11	$ 3.13	$ 873.64
		524 - 2					55	495	4.44	$ 3.11	$ 3.13	$ 1,550.00
	5310	524 - 2	30%	29.48%	Neutralizing Amine (30% DEAE)	8.24	5	40	4.52	$ 3.16	$ 3.19	$ 127.51
		524 - 2					30	240	4.44	$ 3.11	$ 3.13	$ 751.51
		524 - 2					55	455	4.32	$ 3.02	$ 3.05	$ 1,386.24
	5311	524 - 2	30%	29.48%	Neutralizing Amine (20% Morph, 20 DEAE	8.42	5	43	4.88	$ 3.42	$ 3.44	$ 147.99
		524 - 2					30	253	4.80	$ 3.36	$ 3.39	$ 856.46
		524 - 2					55	475	4.68	$ 3.28	$ 3.30	$ 1,567.77
		524 - 2					BULK	8420	4.48	$ 3.14	$ 3.16	$ 26,603.16
CONDENSATE	5312	524 - 2	30%	29.48%	Neutralizing Amine (40% DEAE)	8.17	5	45	5.16	$ 3.61	$ 3.64	$ 163.76
		524 - 2					30	240	5.08	$ 3.56	$ 3.58	$ 859.84
		524 - 2					55	460	4.96	$ 3.47	$ 3.50	$ 1,609.10
	5320	524 - 2	30%	29.48%	Neutralizing Amine (40% Morpholine)	8.5	5	40	4.64	$ 3.25	$ 3.27	$ 130.89
		524 - 2					55	470	4.16	$ 2.91	$ 2.93	$ 1,378.90
	5340	524 - 2	30%	29.48%	Amine (45% DEAE, 45%Cyclohex)	7.515	BULK	2250	7.48	$ 5.24	$ 5.28	$ 11,869.36
	5350	524 - 2	30%	29.48%	Amine (40% DEAE, 40% Morpholine)	8.112	5	40	7.16	$ 5.01	$ 5.05	$ 201.98
		524 - 2					30	240	7.08	$ 4.96	$ 4.99	$ 1,198.36
		524 - 2					55	455	6.92	$ 4.84	$ 4.88	$ 2,220.55
	5360	524 - 2	30%	29.48%	Neutralizing Ammonia (30%)	7.5	55	380	4.72	$ 3.30	$ 3.33	$ 1,264.94
	5370	524 - 2	30%	29.48%	Neutralizing Ammonia (Ammonium Polyacrylate)	8.58	30	225	3.00	$ 2.10	$ 2.12	$ 476.04
		524 - 2					55	485	2.84	$ 1.99	$ 2.00	$ 971.41
	5380	524 - 2	30%	29.48%	Amine (10% DEAE, 10% Morph, 20% Cycl)	8.3	5	40	3.68	$ 2.58	$ 2.60	$ 103.81
		524 - 2					30	245	3.60	$ 2.52	$ 2.54	$ 622.03
		524 - 2					55	465	3.49	$ 2.44	$ 2.46	$ 1,145.17

COMBINED/ALL-IN-ONE

5382	**524 - 2**	**30%**	**29.48%**	Amine (4.75% DEAE, 4.75% Morph, 9.5% Cyclo)	8.16	5	40	4.88	$ 3.42	$ 3.44	$ 137.66
	524 - 2					30	240	4.80	$ 3.36	$ 3.39	$ 812.45
	524 - 2					55	460	4.64	$ 3.25	$ 3.27	$ 1,505.29
5410	**524 - 2**	**30%**	**29.48%**	Phosphate/Sulfite (1.91%P2O5, 9%Na2SO3)	10.4	5	50	3.36	$ 2.35	$ 2.37	$ 118.48
	524 - 2					30	305	3.12	$ 2.18	$ 2.20	$ 671.12
	524 - 2					55	585	3.00	$ 2.10	$ 2.12	$ 1,237.71
5420	**524 - 2**	**30%**	**29.48%**	Phosphate/Sulfite (1.45%P2O5, 6%Na2SO3)	9.83	5	45	3.32	$ 2.32	$ 2.34	$ 105.36
	524 - 2					30	290	3.24	$ 2.27	$ 2.29	$ 662.65
	524 - 2					55	541	3.12	$ 2.18	$ 2.20	$ 1,190.41
5430	**524 - 2**	**30%**	**29.48%**	Phosphate/Sulfite (1.45%P2O5, 9%Na2SO3)	9.75	5	45	3.08	$ 2.16	$ 2.17	$ 97.75
	524 - 2					30	290	3.00	$ 2.10	$ 2.12	$ 613.57
	524 - 2					55	550	2.88	$ 2.02	$ 2.03	$ 1,117.12
5440	**524 - 2**	**30%**	**29.48%**	Polymer/Sulfite	10.35	5	50	3.40	$ 2.38	$ 2.40	$ 119.89
	524 - 2					30	305	3.16	$ 2.21	$ 2.23	$ 679.72
	524 - 2					55	585	3.04	$ 2.13	$ 2.14	$ 1,254.22
5450	**524 - 2**	**30%**	**29.48%**	Polymer/Sulfite (higher Sulfite than 5440)	9.7	5	45	3.04	$ 2.13	$ 2.14	$ 96.48
	524 - 2					30	291	2.96	$ 2.07	$ 2.09	$ 607.47
	524 - 2					55	545	2.84	$ 1.99	$ 2.00	$ 1,091.59
5460	**524 - 2**	**30%**	**29.48%**	All In One (Polymer, 9.6% Sulfite, DEAE)	9.64	5	45	3.04	$ 2.13	$ 2.14	$ 96.48
	524 - 2					30	285	2.92	$ 2.04	$ 2.06	$ 586.91
	524 - 2					55	540	2.80	$ 1.96	$ 1.97	$ 1,066.34
5461	**524 - 2**	**30%**	**29.48%**	All In One (Polymer, 8% Sulfite, DEAE)	9.77	5	45	3.16	$ 2.21	$ 2.23	$ 100.29
	524 - 2					30	285	3.08	$ 2.16	$ 2.17	$ 619.07
	524 - 2					55	545	2.96	$ 2.07	$ 2.09	$ 1,137.71
5461	**524 - 2**	**30%**	**29.48%**	All In One (Polymer, 8% Sulfite, DEAE)	10.38	5	52	5.84	$ 4.09	$ 4.12	$ 214.17
	524 - 2					30	312	4.84	$ 3.39	$ 3.41	$ 1,064.98
	524 - 2					55	570	4.72	$ 3.30	$ 3.33	$ 1,897.40
	524 - 2					265	2750	4.30	$ 3.01	$ 3.03	$ 8,339.58
5462	**524 - 2**	**30%**	**29.48%**	All In One (Polymer, 5.7% Sulfite, DEAE)	10.32	5	50	3.52	$ 2.46	$ 2.48	$ 124.12
	524 - 2					30	305	3.28	$ 2.30	$ 2.31	$ 705.53
	524 - 2					55	580	3.16	$ 2.21	$ 2.23	$ 1,292.58
5550	**524 - 2**	**30%**	**29.48%**	Alkalinity Booster	11	5	55	4.14	$ 2.90	$ 2.92	$ 160.59
	524 - 2			(Caustic)		55	600	2.40	$ 1.68	$ 1.69	$ 1,015.56
	524 - 2			65%		265	2910	2.05	$ 1.44	$ 1.45	$ 4,207.17
5551	**524 - 2**	**30%**	**29.48%**	Alkalinity Booster	12.7	5	64	4.88	$ 3.42	$ 3.44	$ 220.26
	524 - 2			(Caustic)		55	650	2.80	$ 1.96	$ 1.97	$ 1,283.56
	524 - 2			100%		265	3360	2.15	$ 1.51	$ 1.52	$ 5,094.73

GENERAL SERVICES ADMINISTRATION

FEDERAL SUPPLY SERVICE

Authorized

Federal Supply Schedule

Price List

Water Treatment Programs for Cooling Towers, Boiler Systems, and Closed Heating and Cooling Loops

GSA Schedule 73 SIN 524-2

General Services Administration
Contract GS-07F-009T

October 1st , 2006 – September 30th , 2016

Revision 1 Effective Date: October 1st, 2006

Meras Engineering, Inc.
601 Van Ness Avenue E3-725
San Francisco, CA 94102

GENERAL SERVICES ADMINISTRATION
Federal Supply Service
Authorized Federal Supply Schedule Price List

On-line access to contract ordering, information, terms and conditions, up-to-date pricing, and the option to create an electronic delivery order is available through **GSA *Advantage!***, a menu driven data base system. The Internet address for GSA *Advantage!* is GSAAdvantage.gov.

Schedule Title:	Water Treatment Chemicals for Cooling Towers, Boiler Systems, and Closed Heating and Cooling Loops
Contract Number:	GS-07F-009T
Contract Period:	October 1st , 2006 – September 30th , 2016
Contractor's Name:	Meras Engineering, Inc. 601 Van Ness Avenue E3-725 San Francisco, CA 94102 1-800-277-4542 (phone) 1-925-567-6322 (phone) 1-925-281-2655 (fax)
Contract Administrator:	Matt McGillicuddy (925)567-6322
Supplement Number:	1
Prices Effective:	October 31st , 2006
Business Size:	Small
CAGE:	48QM0
NAICS:	424690

1a. Table of awarded SINs with cross-reference to catalog page numbers

SIN 524-2 11

1b. Prices for products in the above SIN contained in this catalog

2. Maximum order limitation - $150,000 per order

3. Minimum order - $100

4. Geographic coverage: Zones 1-10. The 48 contiguous states and DC

5. Points of Production/Distribution – various, throughout the 48 states

Main Plant
500 Winmoore Way
Modesto, CA 95358
Main Plant

6. Discount from List Prices/Statement of Net Price: Net Prices are FOB Destination. Prices shown on attached product and price list, discounts included.

7. Quantity Discounts: Additional 2% $5000 - $9,999: Additional 3% $10,000 - $24,999: Additional 3% $25,000 - $99,999: $100,000+ Please contact Meras Engineering for terms.

8. Payment Terms: 1.1% net 10; 0.5% net 20. Net 30

9a. Government commercial credit card accepted: Yes

9b. Discount for payment by Government commercial credit card: None

10. Foreign items: None

11a. Time of Delivery: 3 – 14 days days ARO

11b. Expedited Delivery: All items available for expedited delivery, Contact Meras for rates.

11c. Overnight and 2 day delivery: Available – Contact Meras for rates.

12. FOB Points: Destination

13. Ordering Address: Meras Engineering
29231 Black Pine Way
Santa Clarita, CA 91390
925-567-6322
800-277-4542

13b. Ordering Procedures: For supplies and services, the ordering procedures, information on Blanket Purchase Agreements (BPA's), and a sample BPA can be found at the GSA/FSS Schedule homepage (fss.gsa.gov/schedules).

14. Payment remittance address:

Meras Engineering, Inc.
29231 Black Pine Way
Santa Clarita, CA 91390

15. Warranty Provision:

Meras Engineering, Inc. brand products, when used in accordance with the instructions appearing on the label of such products and in accordance with Meras' technical bulletins, are warranted to meet applicable technical and quality specifications as published in Meras' product literature. Meras' obligations under this warranty are limited to the replacement of the quantity of any such product shown to be defective or at Meras' option to refunding the purchase price of the defective products. Meras shall be given the opportunity to inspect and test all products claimed to be defective promptly after the claim arises; otherwise this warranty shall be void.

THIS WARRANTY IS IN LIEU OF ALL OTHER WARRANTIES, EXPRESS OR IMPLIED, WHETHER OF MERCHANTABILITY, FITNESS, OR OTHERWISE and is further in lieu of any obligation or liability to Meras to pay damages (including, without limitation, consequential damages) arising out of or in connection with the storage, handling, or use of Meras products.

Product Shelf life 10 – 18 months. Please call for specifics.

16. Export packing charges: Not included.

17. Terms and conditions of Government commercial credit card use: when order is placed, please indicate that it is a credit card order and supply the card number and expiration date.

18. Rental, Maintenance repair not applicable.

19. Terms and condition of installation not applicable.

20. Terms and conditions of repair parts not applicable.

21. Service Points:

Various service points located throughout the west and southwest United States. Please call for specific service arrangement.

22. List of participating dealers not applicable.

23. Preventative maintenance not applicable.

Meras Engineering provides these services as a portion of our contract:

Monthly Plant Visits
On-site Water System Testing
Documentation of Service Visits
Laboratory Analysis and Evaluation Capability
Product Recommendations and Consulting Services
Training for System Operators and Supervisors
Plant Surveys

The following services can be made part of our program based on a mutual agreement between Meras and the individual purchasers:

24-hour Representative Availability
24-hour Medical Emergency Hotline
30-minute Microbiological Testing
Acid-free Cooling Tower Inhibitor Technology
Advanced Recycle Technology
Balanced Billing
Boroscope Fiberoptic Inspection
Client Financing
Computer Assisted Efficiency Studies
Corrosion Analyses
Customized Program Administration Manuals
Dissolved Oxygen Studies
Elution Studies
Equipment Financing
Industry Leading Technology
ISO 9000 Capabilities
Legionella Testing and Water Hygiene Services
Porta-Feed Chemical Delivery System
Product Stewardship and Safety Assessments
Program Reviews

ROI/Payback Analysis
Real Time Computerized Control Capabilities
Service Plans and Project Analysis

24. Meras supplies water and energy programs to maximize efficiency and reduce maintenance costs.

25. DUNS Number: 144-269-144

26. Meras is registered in the Central Contractor Registration (CCR) Database. This registration is valid until 11/01/2007. This information can be found at www.ccr.gov.