

NORTHEAST/MERRIMACK VALLEY CHEMICAL CONSORTIUM				
FISCAL YEAR 2019-2020				
OFFICIAL BID FORM ver. I – (revised May 13, 2019).				
DATE:	5/20/19			
VENDOR:	Evoqua Water Technologies LLC			
NOTE:	BID PRICES MUST BE PER UNIT SPECIFIED ON THIS BID FORM			
ITEM NO.	CHEMICAL	UNIT TYPE	UNIT BID	PER
1	ALUMINUM CHLOROHYDRATE (ACH)	1,000 GAL. BULK	No Bid	GAL.
2	ALUMINUM SULFATE - 50% SOLUTION Unrefined Bauxite Ore & Sulfuric Acid Preparation NSF 60/ANSI	BULK (1,000 – 5,000 gallon deliveries)	No Bid	GALLON
3	ALUMINUM SULFATE - 50% SOLUTION Other Prep Method Alternative Bid NSF 60/ANSI	BULK (1,000 – 5,000 gallon deliveries)	No Bid	GALLON
4	AMMONIA GAS	150 LB. CYLINDER	No Bid	LB.
5	AMMONIUM SULFATE	50 LB. BAG	No Bid	DRY LB.
6	AMMONIUM SULFATE (40% SOLUTION)	GAL.	No Bid	GAL.
7	ANTHRACITE	60± LBS. BAGS	No Bid	CU.FT.
8	AQUEOUS AMMONIA MUST BE 26° BAUMÉ (29%)	GAL.	No Bid	GAL.
9	CALCIQUEST ORTHO (PHOSPHORIC ACID)	30 GAL. DRUM	No Bid	GAL.
10	CALCIQUEST ORTHO (PHOSPHORIC ACID)	15 GAL. DRUM	No Bid	GAL.
11	CALCIUM CHLORIDE	50 LB. BAG	No Bid	DRY LB.

12	CALCIUM CHLORIDE	SUPERSACK	No Bid	DRY LB.
13	CALCIUM HYPOCHLORITE	PALLET/50 – 50 LBS BAGS	No Bid	LBS
14	CALCIUM HYPOCHLORITE	LESS THAN PALLET - 50 LBS BAGS	No Bid	LBS
15	CALCIUM HYPOCHLORITE (Accu-Tab Blue SI by Fillion Associates)	55 LBS PAILS	No Bid	LBS
16	CALCIUM HYPOCHLORITE (Accu-Tab SI by Axiall LLC)	55 LBS. PAILS	No Bid	LBS.
17	CALCIUM NITRATE	50 LB. BAG	No Bid	DRY LB.
18	CARBON DIOXIDE	BULK	No Bid	LB.
19	CARBON DIOXIDE	50 LBS BOTTLES	No Bid	LB.
20	CARBON POWDERED	BULK	No Bid	TON
21	CARBON POWDERED	SUPERSACK	No Bid	DRY LB.
22	CAUSTIC SODA-25% SOLUTION	BULK (500 – 5,000 gallon deliveries)	No Bid	WET LB.
23	CAUSTIC SODA-25% SOLUTION	55 GAL. DRUM	No Bid	WET LB.
24	CAUSTIC SODA - 25 % SOLUTION	275 GAL. TOTE	No Bid	WET LB.
25	CAUSTIC SODA-50% SOLUTION	BULK (500 – 5,000 gallon deliveries)	No Bid	WET LB.
26	CAUSTIC SODA-50% SOLUTION	275 GAL. TOTE	No Bid	WET. LB.
27	CHLORINE- DRY (HTH)	50 LB. PAILS	No Bid	DRY LB.
28	CHLORINE	1 TON CYLINDER	No Bid	LB.
29	CHLORINE	150 LB. CYLINDER	No Bid	LB.

30	CITRIC ACID 50%	250 GAL TOTE	No Bid	WET LB.
31	CITRIC ACID 50%	55 GAL.DRUM	No Bid	WET LB.
32	CITRIC ACID 50% POWDER	50 LB BAGS/PALLET	No Bid	DRY LB.
33	COPPER SULFATE	50 LB. BAG	No Bid	DRY LB.
34	FERRIC CHLORIDE - U.S. ONLY 32%-38%	BULK	No Bid	DRY LB.
35	FERRIC CHLORIDE - U.S. ONLY 32%-38%	55 GAL. DRUM	No Bid	DRY LB.
36	FERRIC CHLORIDE - FOREIGN: 32%-38% (alternative bid)	BULK	No Bid	DRY.LB.
37	FERRIC CHLORIDE- FOREIGN: 32% - 38% (alternative bid)	55 GAL.DRUM	No Bid	DRY.LB.
38	HYDROFLUOSILICIC ACID- 24%	BULK	No Bid	WET LB.
39	HYDROFLUOSILICIC ACID- 24%	55 GAL. DRUM	No Bid	WET LB.
40	HYDROFLUOSILICIC ACID- 24%	270 gallon totes	No Bid	WET LB.
41	LIME (HYDRATED)	50 LB BAGS	No Bid	DRY LB.
42	LIQUID OXYGEN	BULK	No Bid	GAL.
43	LIQUID POLYMER	275 GAL TOTE	No Bid	GAL.
44	LIQUID POLYPHOSPHATE (CARUS 8500 OR EQUAL)	BULK	No Bid	WET LB.
45	MANGANESE GREENSAND	BULK	No Bid	CU FT.
46	MANGANESE GREENSAND PLUS (alternate bid)	BULK	No Bid	CU FT.
47	METHANOL (100%)	55 GAL DRUM	No Bid	GAL.
48	MURIATIC ACID-20° BAUMÉ	BULK (1,000 – 3,000) gallon delivered	No Bid	GAL.
49	MURIATIC ACID-20° BAUMÉ INHIBITED - NSF Certified	55 GAL DRUM	No Bid	GAL.

50	MURIATIC ACID- 20° BAUMÉ	520 LB. DRUM	No Bid	LB.
51	MURIATIC ACID- 20° BAUMÉ	4, 1-gallon jugs per box	No Bid	GAL
52	MURIATIC ACID- 10° BAUMÉ	BULK (1,000 to 3,000 gallon deliveries)	No Bid	GAL.
53	MURIATIC ACID - 15%	TOTE BULK (300-350 gal)	No Bid	GAL.
54	MURIATIC ACID – 20%	45 GAL CARBOYS	No Bid	GAL.
55	MURIATIC ACID- 20° BAUMÉ	PUMPED TOTE (300-350 gal)	No Bid	GAL.
56	ORTHO-POLYPHOSPHATE (AQUAMAG OR EQUAL)	BULK (300-500 GAL)	No Bid	LB.
57	ORTHO-POLYPHOSPHATE (50%-50% Blend)	30 GALLON DRUM	No Bid	LB.
58	ORTHO-POLYPHOSPHATE (30%-70% BLEND)	30 GALLON DRUM	No Bid	LB.
59	PHOSPHATE (LIQUID) (SHANNON SLI 5225 OR CARUS 8100)	30 GALLON DRUMS	No Bid	GAL.
60	PHOSPHORIC ACID 75% SOLUTION	15 GAL. DRUM	No Bid	WET LB.
61	POLYALUMINUM CHLORIDE (HOLLAND PC-H180 or EQUAL)	BULK	No Bid	GAL
62	POLYALUMINUM CHLORIDE (HOLLAND PC-H180 or EQUAL)	275 GAL TOTE	No Bid	GAL
63	POLYALUMINUM CHLORIDE (HOLLAND EPIC-WW58 or EQUAL)	BULK	No Bid	GAL.
64	POLYALUMINUM CHLORIDE (HOLLAND PCH-182 OR EQUAL)	BULK	No Bid	GAL.
65	POTASSIUM HYDROXIDE- 45%	BULK (400–5,000 gal. Deliveries)	No Bid	WET LB.
66	POTASSIUM HYDROXIDE- 45%	TOTE	No Bid	WET LB.
67	POTASSIUM HYDROXIDE- 45%	55 GAL. DRUM	No Bid	WET LB.
68	POTASSIUM PERMANGANATE (U.S. ONLY)	55 LB. DRUM	No Bid	LB.

69	POTASSIUM PERMANGANATE (U.S. ONLY)	330 LB. DRUM	No Bid	LB.
70	POTASSIUM PERMANGANATE (U.S. ONLY)	5 LB. PAILS	No Bid	LB.
71	POTASSIUM PERMANGANATE (FOREIGN- Alternative Bid)	55 LB. DRUM	No Bid	LB.
72	POTASSIUM PERMANGANATE (FOREIGN - Alternative Bid)	330 LB. DRUM	No Bid	LB.
73	POTASSIUM PERMANGANATE (FOREIGN - Alternative Bid)	5 LB. PAILS	No Bid	LB.
74	SODIUM ALUMINATE- 38% (AWWA B405 – LATEST)	BULK	No Bid	WET LB.
75	SODIUM BICARBONATE (AWWA/NSF 60)	BULK	No Bid	DRY LB.
76	SODIUM BICARBONATE (AWWA/NSF 60)	50 LBS. BAG Full Truckload Release	No Bid	DRY LB.
77	SODIUM BICARBONATE (WASTEWATER)	50 LBS. BAG Full Truckload Release	No Bid	DRY LB.
78	SODIUM BICARBONATE (WASTEWATER)	50 LBS. BAG Per Pallet	No Bid	DRY LB.
79	SODIUM BISULFITE- 38% SOLUTION	BULK 1,000 GAL+	No Bid	WET LB.
80	SODIUM BISULFITE- 38% SOLUTION	MINI-BULK ≤ 800 GAL	No Bid	WET LB.
81	SODIUM BISULFITE- 38% SOLUTION	55 GAL. DRUM	No Bid	WET LB.
82	SODIUM METABISULFITE (GRANULAR)	50 LBS BAGS	No Bid	DRY LB.
83	SODIUM CARBONATE SODA ASH- DENSE	50 LB. BAG	No Bid	DRY LB.
84	SODIUM CARBONATE SODA ASH -DENSE	SUPER SACKS	No Bid	DRY LB.
85	SODIUM CARBONATE SODA ASH- DENSE	BULK	No Bid	DRY LB.
86	SODIUM CHLORIDE	50 LB. BAG	No Bid	DRY LB.
87	SODIUM CHLORITE – 25% SOLUTION – U.S. ONLY	BULK	\$0.5371	WET LB.
88	SODIUM CHLORITE- 25% SOLUTION – U.S. ONLY	55 GAL DRUM	No Bid	WET LB.

89	SODIUM CHLORITE – 25% FOREIGN (alternate bid)	BULK	No Bid	WET LB.
90	SODIUM CHLORITE- 25% FOREIGN (alternate bid)	55 GAL DRUM	No Bid	WET LB.
91	SODIUM CHLORITE – 25% SOLUTION – non-AWWA for wastewater use only	BULK	\$0.5371	WET LB.
92	SODIUM CHLORITE- 25% SOLUTION – non-AWWA for wastewater use only	55 GAL DRUM	No Bid	WET LB.
93	SODIUM CHLORITE – (SAFE-T-CHLOR SOLID)	55 GAL. DRUM	No Bid	DRY LB.
95	SODIUM FLUORIDE U.S. ONLY	LESS THAN FULL 40 BAG PALLETS OF 50 LB. BAGS	No Bid	DRY LB.
96	SODIUM FLUORIDE U.S ONLY	FULL 40 BAG PALLETS OF 50 LB. BAGS	No Bid	DRY LB.
97	SODIUM FLUORIDE FOREIGN (alternative bid)	LESS THAN FULL 40 BAG PALLETS OF 50 LB. BAGS	No Bid	DRY LB.
98	SODIUM FLUORIDE FOREIGN (alternative bid)	FULL 40 BAG PALLETS OF 50 LB. BAGS	No Bid	DRY LB.
99	SODIUM HEXAMETAPHOSPHATE	50 LB. BAG	No Bid	DRY LB.
100	Sodium Hexametaphosphate PRISTINE SK-7641	55 GAL DRUM	No Bid	WET LB.
101	SODIUM HYPOCHLORITE-5%	250 GAL TOTE	No Bid	WET LB.
102	SODIUM HYPOCHLORITE- 12.5%	5 GAL CARBOYS	No Bid	WET LB.
103	SODIUM HYPOCHLORITE- 12.5%	500-2,000 gal. BULK	No Bid	WET LB.
104	SODIUM HYPOCHLORITE- 15%	BULK (400-5,000 gal. deliveries)	No Bid	WET LB.
105	SODIUM HYPOCHLORITE- 15% Certified Refrigerated Storage and Delivery (Alternative Bid)	BULK (400-5,000 gal. deliveries)	No Bid	WET LB.

106	SODIUM HYPOCHLORITE- 15%	55 GAL. DRUMS	No Bid	WET LB.
107	SODIUM HYPOCHLORITE- 15%	30 GAL. CONTAINER	No Bid	WET LB.
108	SODIUM HYPOCHLORITE- 15%	15 GAL. CONTAINER	No Bid	WET LB.
109	SODIUM HYPOCHLORITE- 15%	5 GAL. CONTAINER	No Bid	WET LB.
110	SODIUM HYPOCHLORITE- 15%	1 GAL. CONTAINER	No Bid	WET LB.
111	SODIUM SILICOFLUORIDE	50 LB. BAG	No Bid	DRY LB.
112	SODIUM THIOSULFATE (penta-hydrate)	25 KG BAGS	No Bid	DRY KG.
113	ZINC HEXAMETAPHOSPHATE (V-937 OR EQUAL)	50 LB. BAG	No Bid	DRY LB.
114	ZINC ORTHOPHOSPHATE (V-970 OR EQUAL)	BULK	No Bid	WET LB.
115	ZINC ORTHOPHOSPHATE	55 GAL. DRUM	No Bid	WET LB.
116	ZINC ORTHOPHOSPHATE (CARUS 3050 OR EQUAL)	50 LB. PAIL	No Bid	DRY LB.
117	ZINC ORTHOPHOSPHATE (SHANNON SLC 321 OR CARUS 3180)	30 GAL. DRUMS	No Bid	GAL.
118	ZINC ORTHOPHOSPHATE (SHANNON SLC 321 OR CARUS 3180)	275 GAL. TOTE	No Bid	GAL.
119	ZINC ORTHOPHOSPHATE (SLI-932 OR EQUAL)	BULK	No Bid	WET LB.
120	ZINC ORTHOPHOSPHATE (V-939 OR EQUAL)	BULK	No Bid	WET LB.
121	ZINC ORTHOPHOSPHATE (UPZ-511 OR EQUAL)	BULK	No Bid	WET LB.
122	ZINC ORTHOPHOSPHATE (SLI-939 OR EQUAL)	BULK	No Bid	WET LB.
122A	ZINC ORTHOPHOSPHATE (CARUS 3300 OR EQUAL)	BULK	No Bid	WET LB.
123	Emergency Pumping and Storage Tanker to support temporary on-site storage for utility that needs to repair containment vessel.	Daily Fee:	No Bid	Chemicals that bulk pumping and storage will support:

PROPOSAL FROM:

Evoqua Water Technologies LLC

2650 Tallevast Road

Sarasota, FL 34243

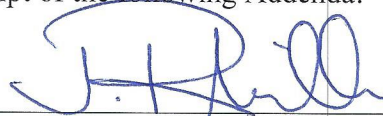
Telephone: 941-359-7930

email: municipalservices@evoqua.com

to furnish Sodium Chlorite in accordance with specifications attached, it being further understood that the Town reserves the right to make an award on the basis of quotations received for any and/or on the basis of the aggregate total for all items on which quotations received.

The Bidder acknowledges receipt of the following Addenda:

Signature:



Jennifer R. Miller

Sir:

In accordance with the advertisement of the Northeast/Merrimack Valley Chemical Consortium inviting proposals for furnishing Chemicals in conformity with the attached specifications, I/we hereby certify that I am/we are, the only person (s) interested in this proposal as principal(s); that it is made without collusion with any person, firm, or corporation, that an examination has been made of the specifications; and that the equipment/materials will be delivered within the time specified, at the following prices.

SIGNATURES

(If an Individual)

Date _____, 2018

Signature of Bidder: _____ (SEAL)
(Owner and Proprietor)

Business Name D/B/A:

Business Address:
(if a co-partnership)

Date _____, 2019

Firm Name: (SEAL)

By: (SEAL)

Business Address:

Names and Addresses of all Members of Firm
(if a corporation)

See attached Officers & Managers List

Date May 20, ~~2018~~ 2019

Corporate Name: Evoqua Water Technologies LLC

By: Jennifer R. Miller, Vice President & General Manager

President or Authorized Agent*
2650 Tallevast Road, Sarasota, FL 34243



Business Address:

* ~~Statement of authorization, duly signed by proper authority, to be attached hereto.~~

Attest: See attached Officer's Certificate

I certify under the penalty of perjury that I, to the best of my knowledge, have filed all state tax returns and paid all state taxes required under law.

*Signature of Individual or Corporate Name (Mandatory):

By: Corporate Officer (Mandatory, if Applicable): See attached Officer's Certificate

*Approval of a contract or other agreement will not be granted unless this certification clause is signed by the applicant.

WARRANTIES/GUARANTEES

All prospective bidders on items that carry warranties and/or guarantees must include with their sealed proposal a copy of the warranties and/or guarantees of major components as well as a copy of the warranties and/or guarantees on the items being bid/proposal if applicable.

The bidder must make arrangements to assure the owner that the warranties or guarantees can be assigned to the owner. The owner's intent is to use the extent of the coverage in the warranties or guarantees as part of the awarding procedure.



EVOQUA WATER TECHNOLOGIES LLC

OFFICER'S CERTIFICATE

I, Jessica Beckett-McWalter, Assistant Secretary of Evoqua Water Technologies LLC, a Delaware limited liability company (the "Company"), do hereby certify on behalf of the Company that Jennifer R. Miller is Vice President and General Manager of the WT Municipal Services Sub-segment of the Company, and that in such capacity, Ms. Miller has full power and authority to execute and deliver the Company's bid and all related ancillary agreements in connection with the supply of Sodium Chlorite to the Northeast/Merrimack Valley Chemical Consortium, representing 6 municipalities in MA.

IN WITNESS WHEREOF, the undersigned has executed this Certificate on the 20th day of May 2019.

A handwritten signature in cursive script, appearing to read "Jessica Beckett-McWalter", written over a horizontal line.

Jessica Beckett-McWalter
Assistant Secretary



As of December 5, 2018

Evoqua Water Technologies LLC
Officers & Managers

<u>Name</u>	<u>Title</u>	<u>Address</u>
Ronald C. Keating	President & Chief Executive Officer	210 Sixth Avenue Suite 3300 Pittsburgh, PA 15222
Ben Stas	Executive Vice President, Chief Financial Officer & Treasurer	210 Sixth Avenue Suite 3300 Pittsburgh, PA 15222
Rodney Aulick	Executive Vice President, Integrated Solutions & Services Segment President	210 Sixth Avenue Suite 3300 Pittsburgh, PA 15222
James Kohosek	Executive Vice President, Chief Administrative Officer	210 Sixth Avenue Suite 3300 Pittsburgh, PA 15222
Snehal Desai	Executive Vice President, Chief Growth Officer and Interim Applied Product Technologies Segment President	210 Sixth Avenue Suite 3300 Pittsburgh, PA 15222
Anthony Webster	Executive Vice President, Chief Human Resources Officer	210 Sixth Avenue Suite 3300 Pittsburgh, PA 15222
Vincent Grieco	Executive Vice President, Secretary & General Counsel	210 Sixth Avenue Suite 3300 Pittsburgh, PA 15222
Ariel Kuperminc	Assistant Treasurer	210 Sixth Avenue Suite 3300 Pittsburgh, PA 15222
Mary MacPherson	Vice President, Corporate Controller & Assistant Secretary	210 Sixth Avenue Suite 3300 Pittsburgh, PA 15222
Gary Ganzi	Assistant Secretary, Intellectual Property Purposes	210 Sixth Avenue Suite 3300 Pittsburgh, PA 15222
Anthony Veltri	Assistant Secretary, Environmental, Health & Safety Purposes	210 Sixth Avenue Suite 3300 Pittsburgh, PA 15222
Jim Malcolm	Assistant Secretary, Tax Purposes	210 Sixth Avenue Suite 3300 Pittsburgh, PA 15222
Jessica Beckett-McWalter	Assistant Secretary	210 Sixth Avenue Suite 3300 Pittsburgh, PA 15222

<u>Name</u>	<u>Title</u>	<u>Address</u>
Joseph A. DiMenno	Assistant Secretary	210 Sixth Avenue Suite 3300 Pittsburgh, PA 15222
Karissa Varner	Assistant Secretary	210 Sixth Avenue Suite 3300 Pittsburgh, PA 15222
John DiMascio	Assistant Secretary	210 Sixth Avenue Suite 3300 Pittsburgh, PA 15222
Peggy Heminger	Assistant Secretary	210 Sixth Avenue Suite 3300 Pittsburgh, PA 15222
Ronald C. Keating	Board of Managers	210 Sixth Avenue Suite 3300 Pittsburgh, PA 15222
Ben Stas	Board of Managers	210 Sixth Avenue Suite 3300 Pittsburgh, PA 15222



AFFIDAVIT OF COMPLIANCE

Evoqua Water Technologies LLC Sodium Chlorite (**AKTA KLOR 25**), manufactured by OxyChem (Wichita, KS) complies with A.W.W.A. B303-18 specifications, including purity levels, chemical requirements, and physical requirements. In addition, the National Sanitation Foundation (NSF) International certifies OxyChem's Sodium Chlorite in potable drinking water.

EPA #: 21164-6

A handwritten signature in blue ink, appearing to read "J. R. Miller", is written over a horizontal line.

Jennifer R. Miller
Vice President & General Manager

NORTHEAST/MERRIMACK VALLEY CHEMICAL CONSORTIUM				
FISCAL YEAR 2019-2020				
OFFICIAL BID FORM ver. I – (revised May 13, 2019).				
DATE:	17 MAY 2019			
VENDOR:	Faesy & Besthoff, LLC 1492 High Ridge Road, Suite 2 Stamford, CT 06903			
NOTE:	BID PRICES MUST BE PER UNIT SPECIFIED ON THIS BID FORM			
ITEM NO.	CHEMICAL	UNIT TYPE	UNIT BID	PER
1	ALUMINUM CHLOROHYDRATE (ACH)	1,000 GAL. BULK		GAL.
2	ALUMINUM SULFATE - 50% SOLUTION Unrefined Bauxite Ore & Sulfuric Acid Preparation NSF 60/ANSI	BULK (1,000 – 5,000 gallon deliveries)		GALLON
3	ALUMINUM SULFATE - 50% SOLUTION Other Prep Method Alternative Bid NSF 60/ANSI	BULK (1,000 – 5,000 gallon deliveries)		GALLON
4	AMMONIA GAS	150 LB. CYLINDER		LB.
5	AMMONIUM SULFATE	50 LB. BAG		DRY LB.
6	AMMONIUM SULFATE (40% SOLUTION)	GAL.		GAL.
7	ANTHRACITE	60± LBS. BAGS		CU.FT.
8	AQUEOUS AMMONIA MUST BE 26° BAUMÉ (29%)	GAL.		GAL.
9	CALCIQUEST ORTHO (PHOSPHORIC ACID)	30 GAL. DRUM		GAL.
10	CALCIQUEST ORTHO (PHOSPHORIC ACID)	15 GAL. DRUM		GAL.
11	CALCIUM CHLORIDE	50 LB. BAG		DRY LB.

Faesy & Besthoff, LLC
1492 High Ridge Road, Suite 2
Stamford, CT 06903

UNIT-BID PER

30	CITRIC ACID 50%	250 GAL TOTE		WET LB.
31	CITRIC ACID 50%	55 GAL. DRUM		WET LB.
32	CITRIC ACID 50% POWDER	50 LB BAGS/PALLET		DRY LB.
33	COPPER SULFATE, LARGE CR.	50 LB. BAG	\$1.72	DRY LB.
	COPPER SULFATE #30 MESH	50 LB BAG	1.39	DRY LB.
34	FERRIC CHLORIDE - U.S. ONLY 32%-38%	BULK		DRY LB.
35	FERRIC CHLORIDE - U.S. ONLY 32%-38%	55 GAL. DRUM		DRY LB.
36	FERRIC CHLORIDE - FOREIGN: 32%-38% (alternative bid)	BULK		DRY LB.
37	FERRIC CHLORIDE- FOREIGN: 32% - 38% (alternative bid)	55 GAL. DRUM		DRY LB.
38	HYDROFLUOSILICIC ACID- 24%	BULK		WET LB.
39	HYDROFLUOSILICIC ACID- 24%	55 GAL. DRUM		WET LB.
40	HYDROFLUOSILICIC ACID- 24%	270 gallon totes		WET LB.
41	LIME (HYDRATED)	50 LB BAGS		DRY LB.
42	LIQUID OXYGEN	BULK		GAL.
43	LIQUID POLYMER	275 GAL TOTE		GAL.
44	LIQUID POLYPHOSPHATE (CARUS 8500 OR EQUAL)	BULK		WET LB.
45	MANGANESE GREENSAND	BULK		CU FT.
46	MANGANESE GREENSAND PLUS (alternate bid)	BULK		CU FT.
47	METHANOL (100%)	55 GAL DRUM		GAL.
48	MURIATIC ACID-20° BAUMÉ	BULK (1,000 - 3,000) gallon delivered		GAL.
49	MURIATIC ACID-20° BAUMÉ INHIBITED - NSF Certified	55 GAL DRUM		GAL.

PROPOSAL FROM:

Faesy & Besthoff, LLC

1492 High Ridge Road, Suite 2

Stamford, CT 06903

Telephone: 203-329-7000 email: CHRISTINE@FAESYANDBESTHOFF.COM
to furnish _____ in accordance with specifications attached, it being further
understood that the Town reserves the right to make an award on the basis of quotations received for any
and/or on the basis of the aggregate total for all items on which quotations received.

The Bidder acknowledges receipt of the following Addenda:

Signature: _____

Sir:

In accordance with the advertisement of the Northeast/Merrimack Valley Chemical Consortium inviting proposals for furnishing Chemicals in conformity with the attached specifications, I/we hereby certify that I am/we are, the only person (s) interested in this proposal as principal(s); that it is made without collusion with any person, firm, or corporation, that an examination has been made of the specifications; and that the equipment/materials will be delivered within the time specified, at the following prices.

SIGNATURES

(If an Individual)

Date _____, 2018

Signature of Bidder: _____ (SEAL)
(Owner and Proprietor)

Business Name D/B/A:

Business Address:
(if a co-partnership)

Date 17 MAY, 2019

Firm Name:

By: Anthony Besthoff

(SEAL)

(SEAL)

Business Address: **Faesy & Besthoff, LLC**
1492 High Ridge Road, Suite 2
Stamford, CT 06903

Names and Addresses of all Members of Firm
(if a corporation)

ANTHONY W. BESTHOFF
1492 HIGH RIDGE ROAD, STAMFORD CT. 06903

Date 17 MAY, 2018

Corporate Name: **Faesy & Besthoff, LLC**
1492 High Ridge Road, Suite 2
Stamford, CT 06903

By: ANTHONY W. BESTHOFF
President or Authorized Agent*

Business Address:

* Statement of authorization, duly signed by proper authority, to be attached hereto.

Attest: Anthony W. Besthoff

I certify under the penalty of perjury that I, to the best of my knowledge, have filed all state tax returns and paid all state taxes required under law.

*Signature of Individual or Corporate Name (Mandatory):

Faesy & Besthoff, LLC
1492 High Ridge Road, Suite 2
Stamford, CT 06903

By: Corporate Officer (Mandatory, if Applicable):

Anthony W. Besthoff MANAGER

*Approval of a contract or other agreement will not be granted unless this certification clause is signed by the applicant.

Faesy & Besthoff, LLC.

Product Price List

Effective January 2nd, 2019

PRODUCT NAME: Copper Sulfate, Pentahydrate, Large (P) Medium(P) Small(NP)

MANUFACTURER: Fabrica de Sulfato (Quimag=made in Mexico)

Formula	CAS#	Item Key	
CuSO ₄ 5H ₂ O	7758-99-8	Bags: Large=0625-I Medi=0620-I Smal=0642-I F-20 =0627 F-30= 0621 F-100=0624	500 lb. Drums= 0628-I

P = pesticide label (exceeds AWWA/NSF Standard 60 requirements)
pesticide label

NP = Non-

CHEMICAL ANALYSIS:			PHYSICAL SPECIFICATIONS:
	GUARANTEED	TYPICAL	
Copper Sulfate Pentahydrate	99.00%	99.3%	AWWA size A = 95% plus 100 mesh (F-20, F-30 & Fine Diam.) B = 90% plus 10 mesh (Small- 1/8" Crystals) C = 1/4" to 1/2" (Medium) D = 1/2" to 3/4" (Large) E = 3/4" to 1" (Extra Large)
Copper (Cu).....	...25.20%	25.26%	
pH (50gms./L. H2O)	3.0-5.0	4.0	
Inerts	<1.0%	<1.0%	
Iron (Fe)	<1,000 ppm	651.00 PPM	
Lead (Pb)	<50 ppm	12.71 PPM	
Zinc (Zn)	<500 ppm	229.47 PPM	
Cadmium (Cd)	<10 ppm	0.66 PPM	
Arsenic (As)	<1 PPM	0.123 PPM	

Quantity	Packaging 50 LBS. Bags 40/skid (6 bags/layer x 6 layers plus 4 bags in the middle hole)	Packaging 500 LBS. Drums	Packaging 2,000 lb. SUPERSACS
PRICE:			

FOB: Binghamton, N.Y. 13902 TERMS: Net 30 days from date of invoice

NORTHEAST/MERRIMACK VALLEY CHEMICAL CONSORTIUM				
FISCAL YEAR 2019-2020				
OFFICIAL BID FORM ver. I – (revised May 13, 2019).				
DATE:	5-21-19			
VENDOR:	Fillion Associates, Inc.			
NOTE:	BID PRICES MUST BE PER UNIT SPECIFIED ON THIS BID FORM			
ITEM NO.	CHEMICAL	UNIT TYPE	UNIT BID	PER
1	ALUMINUM CHLOROHYDRATE (ACH)	1,000 GAL. BULK		GAL.
2	ALUMINUM SULFATE - 50% SOLUTION Unrefined Bauxite Ore & Sulfuric Acid Preparation NSF 60/ANSI	BULK (1,000 – 5,000 gallon deliveries)		GALLON
3	ALUMINUM SULFATE - 50% SOLUTION Other Prep Method Alternative Bid NSF 60/ANSI	BULK (1,000 – 5,000 gallon deliveries)		GALLON
4	AMMONIA GAS	150 LB. CYLINDER		LB.
5	AMMONIUM SULFATE	50 LB. BAG		DRY LB.
6	AMMONIUM SULFATE (40% SOLUTION)	GAL.		GAL.
7	ANTHRACITE	60± LBS. BAGS		CU.FT.
8	AQUEOUS AMMONIA MUST BE 26° BAUMÉ (29%)	GAL.		GAL.
9	CALCIQUEST ORTHO (PHOSPHORIC ACID)	30 GAL. DRUM		GAL.
10	CALCIQUEST ORTHO (PHOSPHORIC ACID)	15 GAL. DRUM		GAL.
11	CALCIUM CHLORIDE	50 LB. BAG		DRY LB.

12	CALCIUM CHLORIDE	SUPERSACK		DRY LB.
13	CALCIUM HYPOCHLORITE	PALLET/50 – 50 LBS BAGS		LBS
14	CALCIUM HYPOCHLORITE	LESS THAN PALLET - 50 LBS BAGS		LBS
15	CALCIUM HYPOCHLORITE (Accu-Tab Blue SI by Fillion Associates)	55 LBS PAILS	\$2.10 Lb.	LBS
16	CALCIUM HYPOCHLORITE (Accu-Tab SI by Axiall LLC)	55 LBS. PAILS		LBS.
17	CALCIUM NITRATE	50 LB. BAG		DRY LB.
18	CARBON DIOXIDE	BULK		LB.
19	CARBON DIOXIDE	50 LBS BOTTLES		LB.
20	CARBON POWDERED	BULK		TON
21	CARBON POWDERED	SUPERSACK		DRY LB.
22	CAUSTIC SODA- 25% SOLUTION	BULK (500 – 5,000 gallon deliveries)		WET LB.
23	CAUSTIC SODA- 25% SOLUTION	55 GAL. DRUM		WET LB.
24	CAUSTIC SODA - 25 % SOLUTION	275 GAL. TOTE		WET LB.
25	CAUSTIC SODA- 50% SOLUTION	BULK (500 – 5,000 gallon deliveries)		WET LB.
26	CAUSTIC SODA- 50% SOLUTION	275 GAL. TOTE		WET. LB.
27	CHLORINE- DRY (HTH)	50 LB. PAILS	\$2.35 Lb.	DRY LB.
28	CHLORINE	1 TON CYLINDER		LB.
29	CHLORINE	150 LB. CYLINDER		LB.

30	CITRIC ACID 50%	250 GAL TOTE		WET LB.
31	CITRIC ACID 50%	55 GAL.DRUM		WET LB.
32	CITRIC ACID 50% POWDER	50 LB BAGS/PALLET		DRY LB.
33	COPPER SULFATE	50 LB. BAG		DRY LB.
34	FERRIC CHLORIDE - U.S. ONLY 32%-38%	BULK		DRY LB.
35	FERRIC CHLORIDE - U.S. ONLY 32%-38%	55 GAL. DRUM		DRY LB.
36	FERRIC CHLORIDE - FOREIGN: 32%-38% (alternative bid)	BULK		DRY.LB.
37	FERRIC CHLORIDE- FOREIGN: 32% - 38% (alternative bid)	55 GAL.DRUM		DRY.LB.
38	HYDROFLUOSILICIC ACID- 24%	BULK		WET LB.
39	HYDROFLUOSILICIC ACID- 24%	55 GAL. DRUM		WET LB.
40	HYDROFLUOSILICIC ACID- 24%	270 gallon totes		WET LB.
41	LIME (HYDRATED)	50 LB BAGS		DRY LB.
42	LIQUID OXYGEN	BULK		GAL.
43	LIQUID POLYMER	275 GAL TOTE		GAL.
44	LIQUID POLYPHOSPHATE (CARUS 8500 OR EQUAL)	BULK		WET LB.
45	MANGANESE GREENSAND	BULK		CU FT.
46	MANGANESE GREENSAND PLUS (alternate bid)	BULK		CU FT.
47	METHANOL (100%)	55 GAL DRUM		GAL.
48	MURIATIC ACID-20° BAUMÉ	BULK (1,000 – 3,000) gallon delivered		GAL.
49	MURIATIC ACID-20° BAUMÉ INHIBITED - NSF Certified	55 GAL DRUM		GAL.

50	MURIATIC ACID- 20° BAUMÉ	520 LB. DRUM		LB.
51	MURIATIC ACID- 20° BAUMÉ	4, 1-gallon jugs per box		GAL
52	MURIATIC ACID- 10° BAUMÉ	BULK (1,000 to 3,000 gallon deliveries)		GAL.
53	MURIATIC ACID - 15%	TOTE BULK (300-350 gal)		GAL.
54	MURIATIC ACID – 20%	45 GAL CARBOYS		GAL.
55	MURIATIC ACID- 20° BAUMÉ	PUMPED TOTE (300-350 gal)		GAL.
56	ORTHO-POLYPHOSPHATE (AQUAMAG OR EQUAL)	BULK (300-500 GAL)		LB.
57	ORTHO-POLYPHOSPHATE (50%-50% Blend)	30 GALLON DRUM		LB.
58	ORTHO-POLYPHOSPHATE (30%-70% BLEND)	30 GALLON DRUM		LB.
59	PHOSPHATE (LIQUID) (SHANNON SLI 5225 OR CARUS 8100)	30 GALLON DRUMS		GAL.
60	PHOSPHORIC ACID 75% SOLUTION	15 GAL. DRUM		WET LB.
61	POLYALUMINUM CHLORIDE (HOLLAND PC-H180 or EQUAL)	BULK		GAL
62	POLYALUMINUM CHLORIDE (HOLLAND PC-H180 or EQUAL)	275 GAL TOTE		GAL
63	POLYALUMINUM CHLORIDE (HOLLAND EPIC-WW58 or EQUAL)	BULK		GAL.
64	POLYALUMINUM CHLORIDE (HOLLAND PCH-182 OR EQUAL)	BULK		GAL.
65	POTASSIUM HYDROXIDE- 45%	BULK (400–5,000 gal. Deliveries)		WET LB.
66	POTASSIUM HYDROXIDE- 45%	TOTE		WET LB.
67	POTASSIUM HYDROXIDE- 45%	55 GAL. DRUM		WET LB.
68	POTASSIUM PERMANGANATE (U.S. ONLY)	55 LB. DRUM		LB.

69	POTASSIUM PERMANGANATE (U.S. ONLY)	330 LB. DRUM		LB.
70	POTASSIUM PERMANGANATE (U.S. ONLY)	5 LB. PAILS		LB.
71	POTASSIUM PERMANGANATE (FOREIGN- Alternative Bid)	55 LB. DRUM		LB.
72	POTASSIUM PERMANGANATE (FOREIGN - Alternative Bid)	330 LB. DRUM		LB.
73	POTASSIUM PERMANGANATE (FOREIGN - Alternative Bid)	5 LB. PAILS		LB.
74	SODIUM ALUMINATE- 38% (AWWA B405 – LATEST)	BULK		WET LB.
75	SODIUM BICARBONATE (AWWA/NSF 60)	BULK		DRY LB.
76	SODIUM BICARBONATE (AWWA/NSF 60)	50 LBS. BAG Full Truckload Release		DRY LB.
77	SODIUM BICARBONATE (WASTEWATER)	50 LBS. BAG Full Truckload Release		DRY LB.
78	SODIUM BICARBONATE (WASTEWATER)	50 LBS. BAG Per Pallet		DRY LB.
79	SODIUM BISULFITE- 38% SOLUTION	BULK 1,000 GAL+		WET LB.
80	SODIUM BISULFITE- 38% SOLUTION	MINI-BULK ≤ 800 GAL		WET LB.
81	SODIUM BISULFITE- 38% SOLUTION	55 GAL. DRUM		WET LB.
82	SODIUM METABISULFITE (GRANULAR)	50 LBS BAGS		DRY LB.
83	SODIUM CARBONATE SODA ASH- DENSE	50 LB. BAG		DRY LB.
84	SODIUM CARBONATE SODA ASH -DENSE	SUPER SACKS		DRY LB.
85	SODIUM CARBONATE SODA ASH- DENSE	BULK		DRY LB.
86	SODIUM CHLORIDE	50 LB. BAG		DRY LB.
87	SODIUM CHLORITE – 25% SOLUTION – U.S. ONLY	BULK		WET LB.
88	SODIUM CHLORITE- 25% SOLUTION – U.S. ONLY	55 GAL DRUM		WET LB.

89	SODIUM CHLORITE – 25% FOREIGN (alternate bid)	BULK		WET LB.
90	SODIUM CHLORITE- 25% FOREIGN (alternate bid)	55 GAL DRUM		WET LB.
91	SODIUM CHLORITE – 25% SOLUTION – non-AWWA for wastewater use only	BULK		WET LB.
92	SODIUM CHLORITE- 25% SOLUTION – non-AWWA for wastewater use only	55 GAL DRUM		WET LB.
93	SODIUM CHLORITE – (SAFE-T-CHLOR SOLID)	55 GAL. DRUM		DRY LB.
95	SODIUM FLUORIDE U.S. ONLY	LESS THAN FULL 40 BAG PALLETS OF 50 LB. BAGS		DRY LB.
96	SODIUM FLUORIDE U.S ONLY	FULL 40 BAG PALLETS OF 50 LB. BAGS		DRY LB.
97	SODIUM FLUORIDE FOREIGN (alternative bid)	LESS THAN FULL 40 BAG PALLETS OF 50 LB. BAGS		DRY LB.
98	SODIUM FLUORIDE FOREIGN (alternative bid)	FULL 40 BAG PALLETS OF 50 LB. BAGS		DRY LB.
99	SODIUM HEXAMETAPHOSPHATE	50 LB. BAG		DRY LB.
100	Sodium Hexametaphosphate PRISTINE SK-7641	55 GAL DRUM		WET LB.
101	SODIUM HYPOCHLORITE-5%	250 GAL TOTE		WET LB.
102	SODIUM HYPOCHLORITE- 12.5%	5 GAL CARBOYS		WET LB.
103	SODIUM HYPOCHLORITE- 12.5%	500-2,000 gal. BULK		WET LB.
104	SODIUM HYPOCHLORITE- 15%	BULK (400-5,000 gal. deliveries)		WET LB.
105	SODIUM HYPOCHLORITE- 15% Certified Refrigerated Storage and Delivery (Alternative Bid)	BULK (400-5,000 gal. deliveries)		WET LB.

106	SODIUM HYPOCHLORITE- 15%	55 GAL. DRUMS		WET LB.
107	SODIUM HYPOCHLORITE- 15%	30 GAL. CONTAINER		WET LB.
108	SODIUM HYPOCHLORITE- 15%	15 GAL. CONTAINER		WET LB.
109	SODIUM HYPOCHLORITE- 15%	5 GAL. CONTAINER		WET LB.
110	SODIUM HYPOCHLORITE- 15%	1 GAL. CONTAINER		WET LB.
111	SODIUM SILICOFLUORIDE	50 LB. BAG		DRY LB.
112	SODIUM THIOSULFATE (penta-hydrate)	25 KG BAGS		DRY KG.
113	ZINC HEXAMETAPHOSPHATE (V-937 OR EQUAL)	50 LB. BAG		DRY LB.
114	ZINC ORTHOPHOSPHATE (V-970 OR EQUAL)	BULK		WET LB.
115	ZINC ORTHOPHOSPHATE	55 GAL. DRUM		WET LB.
116	ZINC ORTHOPHOSPHATE (CARUS 3050 OR EQUAL)	50 LB. PAIL		DRY LB.
117	ZINC ORTHOPHOSPHATE (SHANNON SLC 321 OR CARUS 3180)	30 GAL. DRUMS		GAL.
118	ZINC ORTHOPHOSPHATE (SHANNON SLC 321 OR CARUS 3180)	275 GAL. TOTE		GAL.
119	ZINC ORTHOPHOSPHATE (SLI-932 OR EQUAL)	BULK		WET LB.
120	ZINC ORTHOPHOSPHATE (V-939 OR EQUAL)	BULK		WET LB.
121	ZINC ORTHOPHOSPHATE (UPZ-511 OR EQUAL)	BULK		WET LB.
122	ZINC ORTHOPHOSPHATE (SLI-939 OR EQUAL)	BULK		WET LB.
122A	ZINC ORTHOPHOSPHATE (CARUS 3300 OR EQUAL)	BULK		WET LB.
123	Emergency Pumping and Storage Tanker to support temporary on-site storage for utility that needs to repair containment vessel.	Daily Fee:		Chemicals that bulk pumping and storage will support:

PROPOSAL FROM:

Fillion Associates, Inc.

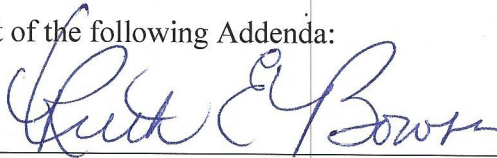
PO Box 14518

East Providence, RI 02914

Telephone: 800-776-7665 email: rbrowser@fillionassociates.com
to furnish chemicals in accordance with specifications attached, it being further
understood that the Town reserves the right to make an award on the basis of quotations received for any
and/or on the basis of the aggregate total for all items on which quotations received.

The Bidder acknowledges receipt of the following Addenda:

Signature:



Sir:

In accordance with the advertisement of the Northeast/Merrimack Valley Chemical Consortium inviting proposals for furnishing Chemicals in conformity with the attached specifications, I/we hereby certify that I am/we are, the only person (s) interested in this proposal as principal(s); that it is made without collusion with any person, firm, or corporation, that an examination has been made of the specifications; and that the equipment/materials will be delivered within the time specified, at the following prices.

SIGNATURES

(If an Individual)

Date _____, 2018

Signature of Bidder: _____ (SEAL)
(Owner and Proprietor)

Business Name D/B/A:

Business Address:
(if a co-partnership)

Date May 21, 2019

Firm Name: Fillion Associates, Inc. (SEAL)

By: Ruth Bowser (SEAL)

Business Address: PO Box 14518
East Providence, RI 02914

Names and Addresses of all Members of Firm
(if a corporation)

Ruth Bowser

Date May 21, 2018

Corporate Name:

By: Ruth Bowser
President or Authorized Agent*

Business Address:

* Statement of authorization, duly signed by proper authority, to be attached hereto.

Attest: Fillion Associates, Inc.



I certify under the penalty of perjury that I, to the best of my knowledge, have filed all state tax returns and paid all state taxes required under law.

*Signature of Individual or Corporate Name (Mandatory): Fillion Associates, Inc.

By: Corporate Officer (Mandatory, if Applicable):



*Approval of a contract or other agreement will not be granted unless this certification clause is signed by the applicant.

WARRANTIES/GUARANTEES

All prospective bidders on items that carry warranties and/or guarantees must include with their sealed proposal a copy of the warranties and/or guarantees of major components as well as a copy of the warranties and/or guarantees on the items being bid/proposal if applicable.

The bidder must make arrangements to assure the owner that the warranties or guarantees can be assigned to the owner. The owner's intent is to use the extent of the coverage in the warranties or guarantees as part of the awarding procedure.

NORTHEAST/MERRIMACK VALLEY CHEMICAL CONSORTIUM				
FISCAL YEAR 2019-2020				
OFFICIAL BID FORM ver. I – (revised May 13, 2019).				
DATE:	May 21, 2019			
VENDOR:	Harcros Chemicals Inc.			
NOTE:	BID PRICES MUST BE PER UNIT SPECIFIED ON THIS BID FORM			
ITEM NO.	CHEMICAL	UNIT TYPE	UNIT BID	PER
1	ALUMINUM CHLOROHYDRATE (ACH)	1,000 GAL. BULK	No Bid	GAL.
2	ALUMINUM SULFATE - 50% SOLUTION Unrefined Bauxite Ore & Sulfuric Acid Preparation NSF 60/ANSI	BULK (1,000 – 5,000 gallon deliveries)	No Bid	GALLON
3	ALUMINUM SULFATE - 50% SOLUTION Other Prep Method Alternative Bid NSF 60/ANSI	BULK (1,000 – 5,000 gallon deliveries)	No Bid	GALLON
4	AMMONIA GAS	150 LB. CYLINDER	No Bid	LB.
5	AMMONIUM SULFATE	50 LB. BAG	\$0.6913/lb.	DRY LB.
6	AMMONIUM SULFATE (40% SOLUTION)	GAL.	No Bid	GAL.
7	ANTHRACITE	60± LBS. BAGS	No Bid	CU.FT.
8	AQUEOUS AMMONIA MUST BE 26° BAUMÉ (29%)	GAL.	No Bid	GAL.
9	CALCIQUEST ORTHO (PHOSPHORIC ACID)	30 GAL. DRUM	No Bid	GAL.
10	CALCIQUEST ORTHO (PHOSPHORIC ACID)	15 GAL. DRUM	No Bid	GAL.
11	CALCIUM CHLORIDE	50 LB. BAG	\$0.2850/lb.	DRY LB.

12	CALCIUM CHLORIDE	SUPERSACK	\$0.2635/lb.	DRY LB.
13	CALCIUM HYPOCHLORITE	PALLET/50 – 50 LBS BAGS	No Bid	LBS
14	CALCIUM HYPOCHLORITE	LESS THAN PALLET - 50 LBS BAGS	No Bid	LBS
15	CALCIUM HYPOCHLORITE (Accu-Tab Blue SI by Fillion Associates)	55 LBS PAILS	No Bid	LBS
16	CALCIUM HYPOCHLORITE (Accu-Tab SI by Axiall LLC)	55 LBS. PAILS	\$2.3700/lb.	LBS.
17	CALCIUM NITRATE	50 LB. BAG	\$0.3974/lb.	DRY LB.
18	CARBON DIOXIDE	BULK	No Bid	LB.
19	CARBON DIOXIDE	50 LBS BOTTLES	No Bid	LB.
20	CARBON POWDERED	BULK	No Bid	TON
21	CARBON POWDERED	SUPERSACK	No Bid	DRY LB.
22	CAUSTIC SODA- 25% SOLUTION	BULK (500 – 5,000 gallon deliveries)	No Bid	WET LB.
23	CAUSTIC SODA- 25% SOLUTION	55 GAL. DRUM	JCA \$0.1524/wet lb.	WET LB. lb.
24	CAUSTIC SODA - 25 % SOLUTION	275 *GAL. TOTE 330 JCA	0.1324/wet lb.	WET LB.
25	CAUSTIC SODA- 50% SOLUTION	BULK (500 – 5,000 gallon deliveries)	No Bid	WET LB.
26	CAUSTIC SODA- 50% SOLUTION	275 *GAL. TOTE 330 JCA	\$0.2261/wet lb.	WET. LB.
27	CHLORINE- DRY (HTH)	50 *** 25 JCA	\$2.5100/lb.	DRY LB.
28	CHLORINE	1 TON CYLINDER	No Bid	LB.
29	CHLORINE	150 LB. CYLINDER	No Bid	LB.

*On item #24, quoting on 330 gallon totes of Caustic Soda 25% Solution

**On item #26, quoting on 330 gallon totes of Caustic Soda 50% Solution

***On item #27, quoting on 25 lb. pails of Chlorine - Dry (HTH)

JCA

30	CITRIC ACID 50%	250 GAL TOTE	\$0.6300/wet lb.	WET LB.
31	CITRIC ACID 50%	55 GAL.DRUM	\$0.6625/wet lb.	WET LB.
32	CITRIC ACID 50% POWDER	50 LB BAGS/PALLET	\$1.1200/lb.	DRY LB.
33	COPPER SULFATE	50 LB. BAG	Fine #30 mesh - \$1.6000/lb. Large - \$1.7800/lb.	DRY LB.
34	FERRIC CHLORIDE - U.S. ONLY 32%-38%	BULK	No Bid	DRY LB.
35	FERRIC CHLORIDE - U.S. ONLY 32%-38%	55 GAL. DRUM	\$0.8080/lb.	DRY LB.
36	FERRIC CHLORIDE - FOREIGN: 32%-38% (alternative bid)	BULK	No Bid	DRY.LB.
37	FERRIC CHLORIDE- FOREIGN: 32% - 38% (alternative bid)	55 GAL.DRUM	\$0.8080/lb.	DRY.LB.
38	HYDROFLUOSILICIC ACID- 24%	BULK	No Bid	WET LB.
39	HYDROFLUOSILICIC ACID- 24%	55 GAL. DRUM	\$0.4550/wet lb.	WET LB.
40	HYDROFLUOSILICIC ACID- 24%	275 *gallon totes 275 JG	\$0.4750/wet lb.	WET LB.
41	LIME (HYDRATED)	50 LB BAGS	\$0.1934/lb.	DRY LB.
42	LIQUID OXYGEN	BULK	No Bid	GAL.
43	LIQUID POLYMER	275 GAL TOTE	No Bid	GAL.
44	LIQUID POLYPHOSPHATE (CARUS 8500 OR EQUAL)	BULK	No Bid	WET LB.
45	MANGANESE GREENSAND	BULK	No Bid	CU FT.
46	MANGANESE GREENSAND PLUS (alternate bid)	BULK	No Bid	CU FT.
47	METHANOL (100%)	55 GAL DRUM	\$3.7400/gl.	GAL.
48	MURIATIC ACID-20° BAUMÉ	BULK (1,000 – 3,000) gallon delivered	\$1.4534/gl.	GAL.
49	MURIATIC ACID-20° BAUMÉ INHIBITED - NSF Certified	55 GAL DRUM	\$4.3164/gl.	GAL.

JG

50	MURIATIC ACID- 20° BAUMÉ	520 LB. DRUM	\$0.1980/lb.	LB.
51	MURIATIC ACID- 20° BAUMÉ	4, 1-gallon jugs per box	No Bid	GAL
52	MURIATIC ACID- 10° BAUMÉ	BULK (1,000 to 3,000 gallon deliveries)	No Bid	GAL.
53	MURIATIC ACID - 15%	TOTE BULK (300-350 gal)	No Bid	GAL.
54	MURIATIC ACID – 20%	45 GAL CARBOYS	No Bid	GAL.
55	MURIATIC ACID- 20° BAUMÉ	PUMPED TOTE (300-350 gal)	\$2.0103/gl.	GAL.
56	ORTHO-POLYPHOSPHATE (AQUAMAG OR EQUAL)	<i>SCA</i> BULK* (300-500 GAL)	\$0.6300/lb.	LB.
57	ORTHO-POLYPHOSPHATE (50%-50% Blend)	30 GALLON DRUM	\$0.6600/lb.	LB.
58	ORTHO-POLYPHOSPHATE (30%-70% BLEND)	30 GALLON DRUM	\$0.6800/lb.	LB.
59	PHOSPHATE (LIQUID) (SHANNON SLI 5225 OR CARUS 8100)	30 GALLON DRUMS	\$7.7520/gl.	GAL.
60	PHOSPHORIC ACID 75% SOLUTION	15 GAL. DRUM	No Bid	WET LB.
61	POLYALUMINUM CHLORIDE (HOLLAND PC-H180 or EQUAL)	BULK	No Bid	GAL
62	POLYALUMINUM CHLORIDE (HOLLAND PC-H180 or EQUAL)	275 GAL TOTE	No Bid	GAL
63	POLYALUMINUM CHLORIDE (HOLLAND EPIC-WW58 or EQUAL)	BULK	No Bid	GAL.
64	POLYALUMINUM CHLORIDE (HOLLAND PCH-182 OR EQUAL)	BULK	No Bid	GAL.
65	POTASSIUM HYDROXIDE- 45%	BULK (400–5,000 gal. Deliveries)	\$0.3675/wet lb.	WET LB.
66	POTASSIUM HYDROXIDE- 45%	TOTE	\$0.3540/wet lb.	WET LB.
67	POTASSIUM HYDROXIDE- 45%	55 GAL. DRUM	\$0.3540/wet lb.	WET LB.
68	POTASSIUM PERMANGANATE (U.S. ONLY)	55 LB. DRUM	\$3.3130/lb.	LB.

56

69	POTASSIUM PERMANGANATE (U.S. ONLY)	330 LB. DRUM	\$3.2230/lb.	LB.
70	POTASSIUM PERMANGANATE (U.S. ONLY)	5 LB. PAILS	No Bid	LB.
71	POTASSIUM PERMANGANATE (FOREIGN- Alternative Bid)	55 LB. DRUM	\$3.3130/lb.	LB.
72	POTASSIUM PERMANGANATE (FOREIGN - Alternative Bid)	330 LB. DRUM	\$3.2230/lb.	LB.
73	POTASSIUM PERMANGANATE (FOREIGN - Alternative Bid)	5 LB. PAILS	No Bid	LB.
74	SODIUM ALUMINATE- 38% (AWWA B405 – LATEST)	BULK	No Bid	WET LB.
75	SODIUM BICARBONATE (AWWA/NSF 60)	BULK	No Bid	DRY LB.
76	SODIUM BICARBONATE (AWWA/NSF 60)	50 LBS. BAG Full Truckload Release	No Bid	DRY LB.
77	SODIUM BICARBONATE (WASTEWATER)	50 LBS. BAG Full Truckload Release	\$0.3500/lb.	DRY LB.
78	SODIUM BICARBONATE (WASTEWATER)	50 LBS. BAG Per Pallet	\$0.3430/lb.	DRY LB.
79	SODIUM BISULFITE- 38% SOLUTION	BULK 1,000 GAL+	No Bid	WET LB.
80	SODIUM BISULFITE- 38% SOLUTION	MINI-BULK ≤ 800 GAL	\$0.2320/lb.	WET LB.
81	SODIUM BISULFITE- 38% SOLUTION	55 GAL. DRUM	\$0.2320/lb.	WET LB.
82	SODIUM METABISULFITE (GRANULAR)	50 LBS BAGS	\$0.5600/lb.	DRY LB.
83	SODIUM CARBONATE SODA ASH- DENSE	50 LB. BAG	\$0.2740/lb.	DRY LB.
84	SODIUM CARBONATE SODA ASH -DENSE	SUPER SACKS	\$0.3975/lb.	DRY LB.
85	SODIUM CARBONATE SODA ASH- DENSE	BULK	\$0.2026/lb.	DRY LB.
86	SODIUM CHLORIDE	50 LB. BAG	No Bid	DRY LB.
87	SODIUM CHLORITE – 25% SOLUTION – U.S. ONLY	BULK	No Bid	WET LB.
88	SODIUM CHLORITE- 25% SOLUTION – U.S. ONLY	55 GAL DRUM	No Bid	WET LB.

89	SODIUM CHLORITE – 25% FOREIGN (alternate bid)	BULK	No Bid	WET LB.
90	SODIUM CHLORITE- 25% FOREIGN (alternate bid)	55 GAL DRUM	No Bid	WET LB.
91	SODIUM CHLORITE – 25% SOLUTION – non-AWWA for wastewater use only	BULK	No Bid	WET LB.
92	SODIUM CHLORITE- 25% SOLUTION – non-AWWA for wastewater use only	55 GAL DRUM	No Bid	WET LB.
93	SODIUM CHLORITE – (SAFE-T-CHLOR SOLID)	55 GAL. DRUM	No Bid	DRY LB.
95	SODIUM FLUORIDE U.S. ONLY	LESS THAN FULL 40 BAG PALLETS OF 50 LB. BAGS	No Bid	DRY LB.
96	SODIUM FLUORIDE U.S ONLY	FULL 40 BAG PALLETS OF 50 LB. BAGS	No Bid	DRY LB.
97	SODIUM FLUORIDE FOREIGN (alternative bid)	LESS THAN FULL 40 BAG PALLETS OF 50 LB. BAGS	\$0.9050/lb.	DRY LB.
98	SODIUM FLUORIDE FOREIGN (alternative bid)	FULL 40 BAG PALLETS OF 50 LB. BAGS	\$0.8350/lb.	DRY LB.
99	SODIUM HEXAMETAPHOSPHATE	50 LB. BAG	\$1.1200/lb.	DRY LB.
100	Sodium Hexametaphosphate PRISTINE SK-7641	55 GAL DRUM	No Bid	WET LB.
101	SODIUM HYPOCHLORITE-5%	250 GAL TOTE	No Bid	WET LB.
102	SODIUM HYPOCHLORITE- 12.5%	5 GAL CARBOYS	No Bid	WET LB.
103	SODIUM HYPOCHLORITE- 12.5%	500-2,000 gal. BULK	No Bid	WET LB.
104	SODIUM HYPOCHLORITE- 15%	BULK (400-5,000 gal. deliveries)	No Bid	WET LB.
105	SODIUM HYPOCHLORITE- 15% Certified Refrigerated Storage and Delivery (Alternative Bid)	BULK (400-5,000 gal. deliveries)	No Bid	WET LB.

106	SODIUM HYPOCHLORITE- 15%	55 GAL. DRUMS	\$0.1890/wet lb.	WET LB.
107	SODIUM HYPOCHLORITE- 15%	30 GAL. CONTAINER	\$0.2285/wet lb.	WET LB.
108	SODIUM HYPOCHLORITE- 15%	15 GAL. CONTAINER	\$0.2390/wet lb.	WET LB.
109	SODIUM HYPOCHLORITE- 15%	5 GAL. CONTAINER	No Bid	WET LB.
110	SODIUM HYPOCHLORITE- 15%	1 GAL. CONTAINER	No Bid	WET LB.
111	SODIUM SILICOFUORIDE	50 LB. BAG	No Bid	DRY LB.
112	SODIUM THIOSULFATE (penta-hydrate)	25 KG BAGS	\$1.9400/kg.	DRY KG.
113	ZINC HEXAMETAPHOSPHATE (V-937 OR EQUAL)	50 LB. BAG	No Bid	DRY LB.
114	ZINC ORTHOPHOSPHATE (V-970 OR EQUAL)	BULK	No Bid	WET LB.
115	ZINC ORTHOPHOSPHATE	55 GAL. DRUM	No Bid	WET LB.
116	ZINC ORTHOPHOSPHATE (CARUS 3050 OR EQUAL)	50 LB. PAIL	No Bid	DRY LB.
117	ZINC ORTHOPHOSPHATE (SHANNON SLC 321 OR CARUS 3180)	30 GAL. DRUMS	No Bid	GAL.
118	ZINC ORTHOPHOSPHATE (SHANNON SLC 321 OR CARUS 3180)	275 GAL. TOTE	No Bid	GAL.
119	ZINC ORTHOPHOSPHATE (SLI-932 OR EQUAL)	BULK	No Bid	WET LB.
120	ZINC ORTHOPHOSPHATE (V-939 OR EQUAL)	BULK	No Bid	WET LB.
121	ZINC ORTHOPHOSPHATE (UPZ-511 OR EQUAL)	BULK	No Bid	WET LB.
122	ZINC ORTHOPHOSPHATE (SLI-939 OR EQUAL)	BULK	No Bid	WET LB.
122A	ZINC ORTHOPHOSPHATE (CARUS 3300 OR EQUAL)	BULK	No Bid	WET LB.
123	Emergency Pumping and Storage Tanker to support temporary on-site storage for utility that needs to repair containment vessel.	Daily Fee:	No Bid	Chemicals that bulk pumping and storage will support:

PROPOSAL FROM:

Harcros Chemicals Inc.

8 Capitol Street

Nashua, NH 03063

Telephone: 603-880-0535

email: NashuaBids@harcros.com

to furnish chemicals _____ in accordance with specifications attached, it being further understood that the Town reserves the right to make an award on the basis of quotations received for any and/or on the basis of the aggregate total for all items on which quotations received.

The Bidder acknowledges receipt of the following Addenda: 1

Signature:

James Shady

Sir:

In accordance with the advertisement of the Northeast/Merrimack Valley Chemical Consortium inviting proposals for furnishing Chemicals in conformity with the attached specifications, I/we hereby certify that I am/we are, the only person (s) interested in this proposal as principal(s); that it is made without collusion with any person, firm, or corporation, that an examination has been made of the specifications; and that the equipment/materials will be delivered within the time specified, at the following prices.

SIGNATURES

(If an Individual)

Date _____, 2018

Signature of Bidder: _____ (SEAL)
(Owner and Proprietor)

Business Name D/B/A:

Business Address:
(if a co-partnership)

Date _____, 2019

Firm Name: (SEAL)

By: (SEAL)

Business Address:

Names and Addresses of all Members of Firm
(if a corporation)

Please see attached.

Date May 22, 2019

JG

Corporate Name: Harcros Chemicals Inc.

By:

James Hardy

President or Authorized Agent*
Regional Manager, Authorized Agent

Business Address: 8 Capitol Street, Nashua, NH 03063

* Statement of authorization, duly signed by proper authority, to be attached hereto.

Attest: Please see attached.

I certify under the penalty of perjury that I, to the best of my knowledge, have filed all state tax returns and paid all state taxes required under law.

*Signature of Individual or Corporate Name (Mandatory): Harcros Chemicals Inc.

By: Corporate Officer (Mandatory, if Applicable):

James Hardy

*Approval of a contract or other agreement will not be granted unless this certification clause is signed by the applicant.



HARCROS

May 21, 2019

Northeast/Merrimack Valley Chemical Consortium
Groton Water Department
173 Main Street
Town Hall
Groton, MA 01450

To Whom It May Concern:

Please be advised that James Grady is hereby appointed, constituted and designated as agent and attorney-in-fact of the Corporation with full power and authority to act on behalf of this Corporation in all negotiations, bidding, concerns and transactions with the Northeast/Merrimack Valley Chemical Consortium at the Groton Water Department, or any of its agencies, departments, employees or agents. This includes the execution of all papers, documents, affidavits, bonds, sureties, contracts and acts and to receive and receipt thereof all purchase orders pertaining to the Bid for the Northeast/Merrimack Valley Chemical Consortium, Invitation to cooperative Bid Fiscal Year 2019-20 form July 1, 2019 to June 30, 2020.

Sincerely,

Mark Loethen
Vice President and CFO

Employee . . .

5200 Speaker Road | Kansas City, KS 66106 | (913) 321.3131 | www.harcros.com

UNANIMOUS WRITTEN CONSENT OF THE BOARD OF DIRECTORS OF
HARCROS CHEMICALS INC.

05/21/2012

The undersigned, being all of the directors of Harcros Chemicals Inc., a Kansas Corporation (the "Corporation"), unanimously adopted at a duly called and held meeting of the Board of Directors at which a quorum was present and acting throughout:

RESOLVED that each of the persons be, and he hereby is, elected to the offices set opposite his name, to serve at the pleasure of the board of directors until the next annual election of officers by the board of directors or until his successor shall have been elected and qualified:

NAME	OFFICE
Kevin G. Mirner	President and Chief Executive Officer
Mark A. Loethen	Vice President and Chief Financial Officer, Treasurer
Peter P. Radford	Vice President Manufacturing, Secretary
Peter J. Savage	Chairman

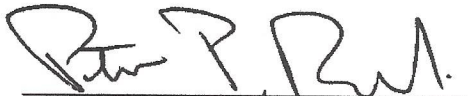
RESOLVED that any one of the above named individuals is hereby authorized on behalf of this Corporation to execute, or to delegate the execution of, any and all contracts for the sale and supply of goods, wares and merchandise or the providing of services by the Corporation, such execution and delivery to evidence conclusively the approval thereof by the Board of Directors.



Peter J. Savage, Chairman



Kevin G. Mirner



Peter P. Radford



Mark A. Loethen

WARRANTIES/GUARANTEES

All prospective bidders on items that carry warranties and/or guarantees must include with their sealed proposal a copy of the warranties and/or guarantees of major components as well as a copy of the warranties and/or guarantees on the items being bid/proposal if applicable.

The bidder must make arrangements to assure the owner that the warranties or guarantees can be assigned to the owner. The owner's intent is to use the extent of the coverage in the warranties or guarantees as part of the awarding procedure.

NORTHEAST/MERRIMACK VALLEY CHEMICAL CONSORTIUM				
FISCAL YEAR 2019-2020				
OFFICIAL BID FORM ver. I – (revised May 13, 2019).				
DATE:	May 21, 2019			
VENDOR:	Holland Company, Inc.			
NOTE:	BID PRICES MUST BE PER UNIT SPECIFIED ON THIS BID FORM			
ITEM NO.	CHEMICAL	UNIT TYPE	UNIT BID	PER
1	ALUMINUM CHLOROHYDRATE (ACH)	1,000 GAL. BULK	\$4.08	GAL.
2	ALUMINUM SULFATE - 50% SOLUTION Unrefined Bauxite Ore & Sulfuric Acid Preparation NSF 60/ANSI	BULK (1,000 – 5,000 gallon deliveries)	\$1.08	GALLON
3	ALUMINUM SULFATE - 50% SOLUTION Other Prep Method Alternative Bid NSF 60/ANSI	BULK (1,000 – 5,000 gallon deliveries)	\$1.215	GALLON
4	AMMONIA GAS	150 LB. CYLINDER		LB.
5	AMMONIUM SULFATE	50 LB. BAG		DRY LB.
6	AMMONIUM SULFATE (40% SOLUTION)	GAL.		GAL.
7	ANTHRACITE	60+ LBS. BAGS		CU.FT.
8	AQUEOUS AMMONIA MUST BE 26° BAUMÉ (29%)	GAL.		GAL.
9	CALCIQUEST ORTHO (PHOSPHORIC ACID)	30 GAL. DRUM		GAL.
10	CALCIQUEST ORTHO (PHOSPHORIC ACID)	15 GAL. DRUM		GAL.
11	CALCIUM CHLORIDE	50 LB. BAG		DRY LB.

12	CALCIUM CHLORIDE	SUPERSACK		DRY LB.
13	CALCIUM HYPOCHLORITE	PALLET/50 – 50 LBS BAGS		LBS
14	CALCIUM HYPOCHLORITE	LESS THAN PALLET - 50 LBS BAGS		LBS
15	CALCIUM HYPOCHLORITE (Accu-Tab Blue SI by Fillion Associates)	55 LBS PAILS		LBS
16	CALCIUM HYPOCHLORITE (Accu-Tab SI by Axiall LLC)	55 LBS. PAILS		LBS.
17	CALCIUM NITRATE	50 LB. BAG		DRY LB.
18	CARBON DIOXIDE	BULK		LB.
19	CARBON DIOXIDE	50 LBS BOTTLES		LB.
20	CARBON POWDERED	BULK		TON
21	CARBON POWDERED	SUPERSACK		DRY LB.
22	CAUSTIC SODA- 25% SOLUTION	BULK (500 – 5,000 gallon deliveries)		WET LB.
23	CAUSTIC SODA- 25% SOLUTION	55 GAL. DRUM		WET LB.
24	CAUSTIC SODA - 25 % SOLUTION	275 GAL. TOTE		WET LB.
25	CAUSTIC SODA- 50% SOLUTION	BULK (500 – 5,000 gallon deliveries)		WET LB.
26	CAUSTIC SODA- 50% SOLUTION	275 GAL. TOTE		WET. LB.
27	CHLORINE- DRY (HTH)	50 LB. PAILS		DRY LB.
28	CHLORINE	1 TON CYLINDER		LB.
29	CHLORINE	150 LB. CYLINDER		LB.

30	CITRIC ACID 50%	250 GAL TOTE		WET LB.
31	CITRIC ACID 50%	55 GAL. DRUM		WET LB.
32	CITRIC ACID 50% POWDER	50 LB BAGS/PALLET		DRY LB.
33	COPPER SULFATE	50 LB. BAG		DRY LB.
34	FERRIC CHLORIDE - U.S. ONLY 32%-38%	BULK		DRY LB.
35	FERRIC CHLORIDE - U.S. ONLY 32%-38%	55 GAL. DRUM		DRY LB.
36	FERRIC CHLORIDE - FOREIGN: 32%-38% (alternative bid)	BULK		DRY.LB.
37	FERRIC CHLORIDE- FOREIGN: 32% - 38% (alternative bid)	55 GAL.DRUM		DRY.LB.
38	HYDROFLUOSILICIC ACID- 24%	BULK		WET LB.
39	HYDROFLUOSILICIC ACID- 24%	55 GAL. DRUM		WET LB.
40	HYDROFLUOSILICIC ACID- 24%	270 gallon totes		WET LB.
41	LIME (HYDRATED)	50 LB BAGS		DRY LB.
42	LIQUID OXYGEN	BULK		GAL.
43	LIQUID POLYMER	275 GAL TOTE		GAL.
44	LIQUID POLYPHOSPHATE (CARUS 8500 OR EQUAL)	BULK		WET LB.
45	MANGANESE GREENSAND	BULK		CU FT.
46	MANGANESE GREENSAND PLUS (alternate bid)	BULK		CU FT.
47	METHANOL (100%)	55 GAL DRUM		GAL.
48	MURIATIC ACID-20° BAUMÉ	BULK (1,000 – 3,000) gallon delivered		GAL.
49	MURIATIC ACID-20° BAUMÉ INHIBITED - NSF Certified	55 GAL DRUM		GAL.

50	MURIATIC ACID- 20° BAUMÉ	520 LB. DRUM		LB.
51	MURIATIC ACID- 20° BAUMÉ	4, 1-gallon jugs per box		GAL
52	MURIATIC ACID- 10° BAUMÉ	BULK (1,000 to 3,000 gallon deliveries)		GAL.
53	MURIATIC ACID - 15%	TOTE BULK (300-350 gal)		GAL.
54	MURIATIC ACID – 20%	45 GAL CARBOYS		GAL.
55	MURIATIC ACID- 20° BAUMÉ	PUMPTED TOTE (300-350 gal)		GAL.
56	ORTHO-POLYPHOSPHATE (AQUAMAG OR EQUAL)	BULK (300-500 GAL)		LB.
57	ORTHO-POLYPHOSPHATE (50%-50% Blend)	30 GALLON DRUM		LB.
58	ORTHO-POLYPHOSPHATE (30%-70% BLEND)	30 GALLON DRUM		LB.
59	PHOSPHATE (LIQUID) (SHANNON SLI 5225 OR CARUS 8100)	30 GALLON DRUMS		GAL.
60	PHOSPHORIC ACID 75% SOLUTION	15 GAL. DRUM		WET LB.
61	POLYALUMINUM CHLORIDE (HOLLAND PC-H180 or EQUAL)	BULK	\$1.95	GAL
62	POLYALUMINUM CHLORIDE (HOLLAND PC-H180 or EQUAL)	275 GAL TOTE	\$4.25	GAL
63	POLYALUMINUM CHLORIDE (HOLLAND EPIC-WW58 or EQUAL)	BULK	\$2.85	GAL.
64	POLYALUMINUM CHLORIDE (HOLLAND PCH-182 OR EQUAL)	BULK	\$1.99	GAL.
65	POTASSIUM HYDROXIDE- 45%	BULK (400–5,000 gal. Deliveries)		WET LB.
66	POTASSIUM HYDROXIDE- 45%	TOTE		WET LB.
67	POTASSIUM HYDROXIDE- 45%	55 GAL. DRUM		WET LB.
68	POTASSIUM PERMANGANATE (U.S. ONLY)	55 LB. DRUM		LB.

69	POTASSIUM PERMANGANATE (U.S. ONLY)	330 LB. DRUM		LB.
70	POTASSIUM PERMANGANATE (U.S. ONLY)	5 LB. PAILS		LB.
71	POTASSIUM PERMANGANATE (FOREIGN- Alternative Bid)	55 LB. DRUM		LB.
72	POTASSIUM PERMANGANATE (FOREIGN - Alternative Bid)	330 LB. DRUM		LB.
73	POTASSIUM PERMANGANATE (FOREIGN - Alternative Bid)	5 LB. PAILS		LB.
74	SODIUM ALUMINATE- 38% (AWWA B405 – LATEST)	BULK	\$0.265	WET LB.
75	SODIUM BICARBONATE (AWWA/NSF 60)	BULK		DRY LB.
76	SODIUM BICARBONATE (AWWA/NSF 60)	50 LBS. BAG Full Truckload Release		DRY LB.
77	SODIUM BICARBONATE (WASTEWATER)	50 LBS. BAG Full Truckload Release		DRY LB.
78	SODIUM BICARBONATE (WASTEWATER)	50 LBS. BAG Per Pallet		DRY LB.
79	SODIUM BISULFITE- 38% SOLUTION	BULK 1,000 GAL+	\$0.165	WET LB.
80	SODIUM BISULFITE- 38% SOLUTION	MINI-BULK ≤ 800 GAL		WET LB.
81	SODIUM BISULFITE- 38% SOLUTION	55 GAL. DRUM		WET LB.
82	SODIUM METABISULFITE (GRANULAR)	50 LBS BAGS		DRY LB.
83	SODIUM CARBONATE SODA ASH- DENSE	50 LB. BAG		DRY LB.
84	SODIUM CARBONATE SODA ASH -DENSE	SUPER SACKS		DRY LB.
85	SODIUM CARBONATE SODA ASH- DENSE	BULK		DRY LB.
86	SODIUM CHLORIDE	50 LB. BAG		DRY LB.
87	SODIUM CHLORITE – 25% SOLUTION – U.S. ONLY	BULK		WET LB.
88	SODIUM CHLORITE- 25% SOLUTION – U.S. ONLY	55 GAL DRUM		WET LB.

89	SODIUM CHLORITE – 25% FOREIGN (alternate bid)	BULK		WET LB.
90	SODIUM CHLORITE- 25% FOREIGN (alternate bid)	55 GAL DRUM		WET LB.
91	SODIUM CHLORITE – 25% SOLUTION – non-AWWA for wastewater use only	BULK		WET LB.
92	SODIUM CHLORITE- 25% SOLUTION – non-AWWA for wastewater use only	55 GAL DRUM		WET LB.
93	SODIUM CHLORITE – (SAFE-T-CHLOR SOLID)	55 GAL. DRUM		DRY LB.
95	SODIUM FLUORIDE U.S. ONLY	LESS THAN FULL 40 BAG PALLETS OF 50 LB. BAGS		DRY LB.
96	SODIUM FLUORIDE U.S ONLY	FULL 40 BAG PALLETS OF 50 LB. BAGS		DRY LB.
97	SODIUM FLUORIDE FOREIGN (alternative bid)	LESS THAN FULL 40 BAG PALLETS OF 50 LB. BAGS		DRY LB.
98	SODIUM FLUORIDE FOREIGN (alternative bid)	FULL 40 BAG PALLETS OF 50 LB. BAGS		DRY LB.
99	SODIUM HEXAMETAPHOSPHATE	50 LB. BAG		DRY LB.
100	Sodium Hexametaphosphate PRISTINE SK-7641	55 GAL DRUM		WET LB.
101	SODIUM HYPOCHLORITE-5%	250 GAL TOTE		WET LB.
102	SODIUM HYPOCHLORITE- 12.5%	5 GAL CARBOYS		WET LB.
103	SODIUM HYPOCHLORITE- 12.5%	500-2,000 gal. BULK		WET LB.
104	SODIUM HYPOCHLORITE- 15%	BULK (400-5,000 gal. deliveries)		WET LB.
105	SODIUM HYPOCHLORITE- 15% Certified Refrigerated Storage and Delivery (Alternative Bid)	BULK (400-5,000 gal. deliveries)		WET LB.

106	SODIUM HYPOCHLORITE- 15%	55 GAL. DRUMS		WET LB.
107	SODIUM HYPOCHLORITE- 15%	30 GAL. CONTAINER		WET LB.
108	SODIUM HYPOCHLORITE- 15%	15 GAL. CONTAINER		WET LB.
109	SODIUM HYPOCHLORITE- 15%	5 GAL. CONTAINER		WET LB.
110	SODIUM HYPOCHLORITE- 15%	1 GAL. CONTAINER		WET LB.
111	SODIUM SILICOFLUORIDE	50 LB. BAG		DRY LB.
112	SODIUM THIOSULFATE (penta-hydrate)	25 KG BAGS		DRY KG.
113	ZINC HEXAMETAPHOSPHATE (V-937 OR EQUAL)	50 LB. BAG		DRY LB.
114	ZINC ORTHOPHOSPHATE (V-970 OR EQUAL)	BULK		WET LB.
115	ZINC ORTHOPHOSPHATE	55 GAL. DRUM		WET LB.
116	ZINC ORTHOPHOSPHATE (CARUS 3050 OR EQUAL)	50 LB. PAIL		DRY LB.
117	ZINC ORTHOPHOSPHATE (SHANNON SLC 321 OR CARUS 3180)	30 GAL. DRUMS		GAL.
118	ZINC ORTHOPHOSPHATE (SHANNON SLC 321 OR CARUS 3180)	275 GAL. TOTE		GAL.
119	ZINC ORTHOPHOSPHATE (SLI-932 OR EQUAL)	BULK		WET LB.
120	ZINC ORTHOPHOSPHATE (V-939 OR EQUAL)	BULK		WET LB.
121	ZINC ORTHOPHOSPHATE (UPZ-511 OR EQUAL)	BULK		WET LB.
122	ZINC ORTHOPHOSPHATE (SLI-939 OR EQUAL)	BULK		WET LB.
122A	ZINC ORTHOPHOSPHATE (CARUS 3300 OR EQUAL)	BULK		WET LB.
123	Emergency Pumping and Storage Tanker to support temporary on-site storage for utility that needs to repair containment vessel.	Daily Fee:		Chemicals that bulk pumping and storage will support:

PROPOSAL FROM:

Holland Company, Inc.

153 Howland Avenue

Adams, MA 01220-1199

Telephone: 413-743-1292 email: hcoffice@hollandcompany.com
to furnish _____ in accordance with specifications attached, it being further
understood that the Town reserves the right to make an award on the basis of quotations received for any
and/or on the basis of the aggregate total for all items on which quotations received.

The Bidder acknowledges receipt of the following Addenda: none

Signature:



Matthew B. Holland

Sir:

In accordance with the advertisement of the Northeast/Merrimack Valley Chemical Consortium inviting proposals for furnishing Chemicals in conformity with the attached specifications, I/we hereby certify that I am/we are, the only person (s) interested in this proposal as principal(s); that it is made without collusion with any person, firm, or corporation, that an examination has been made of the specifications; and that the equipment/materials will be delivered within the time specified, at the following prices.

SIGNATURES

(If an Individual)

Date _____, 2018

Signature of Bidder: _____ (SEAL)
(Owner and Proprietor)

Business Name D/B/A:

Business Address:
(if a co-partnership)

Date _____, 2019

Firm Name: (SEAL)

By: (SEAL)

Business Address:

Names and Addresses of all Members of Firm
(if a corporation)

Eileen E. Holland Boston, MA Daniel J. Holland Williamstown, MA
Thomas J. Holland Williamstown, MA

Date May 21, 201~~8~~⁹

Corporate Name: Holland Company, Inc.

By:  Matthew B. Holland

President or Authorized Agent*
153 Howland Avenue, Adams, MA 01220-1199

Business Address:

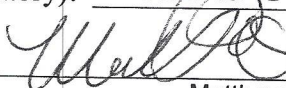
* Statement of authorization, duly signed by proper authority, to be attached hereto.

Attest: Matthew B. Holland

I certify under the penalty of perjury that I, to the best of my knowledge, have filed all state tax returns and paid all state taxes required under law.

*Signature of Individual or Corporate Name (Mandatory): Holland Company, Inc.

By: Corporate Officer (Mandatory, if Applicable):



Matthew B. Holland

*Approval of a contract or other agreement will not be granted unless this certification clause is signed by the applicant.

WARRANTIES/GUARANTEES

All prospective bidders on items that carry warranties and/or guarantees must include with their sealed proposal a copy of the warranties and/or guarantees of major components as well as a copy of the warranties and/or guarantees on the items being bid/proposal if applicable.

The bidder must make arrangements to assure the owner that the warranties or guarantees can be assigned to the owner. The owner's intent is to use the extent of the coverage in the warranties or guarantees as part of the awarding procedure.



Holland

COMPANY INC.

153 HOWLAND AVENUE
ADAMS, MA 01220-1199
(TEL.) 413 743-1292
(FAX) 413 743-1298

CORPORATE RESOLUTION

Date May 21, 2019

At a Meeting of the Directors of Holland Company, Inc.
duly called and held at Adams, Massachusetts
on the 11th day of April, 2019
at which a quorum was present and acting, it was

VOTED: That Matthew B. Holland
the Manager of this Corporation, is hereby authorized and
empowered to make, enter into, sign, seal and deliver in its name and behalf, all
BIDS and CONTRACTS.

I do hereby certify that the above is a true and correct copy of the record, that said
Vote has not been amended or repealed, and is in full force and effects as of this date, and
that Matthew B. Holland is the duly elected Manager
of this Corporation.

Attest:

Thomas J. Holland President

(Corporate Seal)

TMD
5-16-2019

NORTHEAST/MERRIMACK VALLEY CHEMICAL CONSORTIUM				
FISCAL YEAR 2019-2020				
OFFICIAL BID FORM – (revised April 25, 2019).				
DATE:	5-16-2019			
VENDOR:	INTERNATIONAL DIOXIDE, INC.			
NOTE:	BID PRICES MUST BE PER UNIT SPECIFIED ON THIS BID FORM			
ITEM NO.	CHEMICAL	UNIT TYPE	UNIT BID	PER
1	ALUMINUM CHLOROHYDRATE (ACH)	1,000 GAL. BULK	/	GAL.
2	ALUMINUM SULFATE - 50% SOLUTION Unrefined Bauxite Ore & Sulfuric Acid Preparation NSF 60/ANSI	BULK (1,000 – 5,000 gallon deliveries)	/	GALLON
3	ALUMINUM SULFATE - 50% SOLUTION Other Prep Method Alternative Bid NSF 60/ANSI	BULK (1,000 – 5,000 gallon deliveries)	/	GALLON
4	AMMONIA GAS	150 LB. CYLINDER	/	LB.
5	AMMONIUM SULFATE	50 LB. BAG	/	DRY LB.
6	AMMONIUM SULFATE (40% SOLUTION)	GAL.	/	GAL.
7	ANTHRACITE	60+ LBS. BAGS	/	CU.FT.
8	AQUEOUS AMMONIA MUST BE 26° BAUMÉ (29%)	GAL.	/	GAL.
9	CALCIQUEST ORTHO (PHOSPHORIC ACID)	30 GAL. DRUM	/	GAL.
10	CALCIQUEST ORTHO (PHOSPHORIC ACID)	15 GAL. DRUM	/	GAL.
11	CALCIUM CHLORIDE	50 LB. BAG	/	DRY LB.

INTERNATIONAL DIOXIDE, INC.

12	CALCIUM CHLORIDE	SUPERSACK	/	DRY LB.
13	CALCIUM HYPOCHLORITE	PALLET/50 – 50 LBS BAGS	/	LBS
14	CALCIUM HYPOCHLORITE	LESS THAN PALLET - 50 LBS BAGS	/	LBS
15	CALCIUM HYPOCHLORITE (Accu-Tab Blue SI by Fillion Associates)	55 LBS PAILS	/	LBS
16	CALCIUM HYPOCHLORITE (Accu-Tab SI by Axial LLC)	55 LBS. PAILS	/	LBS.
17	CALCIUM NITRATE	50 LB. BAG	/	DRY LB.
18	CARBON DIOXIDE	BULK	/	LB.
19	CARBON DIOXIDE	50 LBS BOTTLES	/	LB.
20	CARBON POWDERED	BULK	/	TON
21	CARBON POWDERED	SUPERSACK	/	DRY LB.
22	CAUSTIC SODA- 25% SOLUTION	BULK (500 – 5,000 gallon deliveries)	/	WET LB.
23	CAUSTIC SODA- 25% SOLUTION	55 GAL. DRUM	/	WET LB.
24	CAUSTIC SODA - 25 % SOLUTION	275 GAL. TOTE	/	WET LB.
25	CAUSTIC SODA- 50% SOLUTION	BULK (500 – 5,000 gallon deliveries)	/	WET LB.
26	CAUSTIC SODA- 50% SOLUTION	275 GAL. TOTE	/	WET. LB.
27	CHLORINE- DRY (HTH)	50 LB. PAILS	/	DRY LB.
28	CHLORINE	1 TON CYLINDER	/	LB.
29	CHLORINE	150 LB. CYLINDER	/	LB.

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30	CITRIC ACID 50%	250 GAL TOTE	/	WET LB.
31	CITRIC ACID 50%	55 GAL.DRUM	/	WET LB.
32	CITRIC ACID 50% POWDER	50 LB BAGS/PALLET	/	DRY LB.
33	COPPER SULFATE	50 LB. BAG	/	DRY LB.
34	FERRIC CHLORIDE - U.S. ONLY 32%-38%	BULK	/	DRY LB.
35	FERRIC CHLORIDE - U.S. ONLY 32%-38%	55 GAL. DRUM	/	DRY LB.
36	FERRIC CHLORIDE - FOREIGN: 32%-38% (alternative bid)	BULK	/	DRY LB.
37	FERRIC CHLORIDE- FOREIGN: 32% - 38% (alternative bid)	55 GAL.DRUM	/	DRY LB.
38	HYDROFLUOSILICIC ACID- 24%	BULK	/	WET LB.
39	HYDROFLUOSILICIC ACID- 24%	55 GAL. DRUM	/	WET LB.
40	HYDROFLUOSILICIC ACID- 24%	270 gallon totes	/	WET LB.
41	LIME (HYDRATED)	50 LB BAGS	/	DRY LB.
42	LIQUID OXYGEN	BULK	/	GAL.
43	LIQUID POLYMER	275 GAL TOTE	/	GAL.
44	LIQUID POLYPHOSPHATE (CARUS 8500 OR EQUAL)	BULK	/	WET LB.
45	MANGANESE GREENSAND	BULK	/	CU FT.
46	MANGANESE GREENSAND PLUS (alternate bid)	BULK	/	CU FT.
47	METHANOL (100%)	55 GAL DRUM	/	GAL.
48	MURIATIC ACID-20° BAUMÉ	BULK (1,000 – 3,000) gallon delivered	/	GAL.
49	MURIATIC ACID-20° BAUMÉ INHIBITED - NSF Certified	55 GAL DRUM	/	GAL.

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50	MURIATIC ACID- 20° BAUMÉ	520 LB. DRUM	/	LB.
51	MURIATIC ACID- 20° BAUMÉ	4, 1-gallon jugs per box	/	GAL
52	MURIATIC ACID- 10° BAUMÉ	BULK (1,000 to 3,000 gallon deliveries)	/	GAL.
53	MURIATIC ACID - 15%	TOTE BULK (300-350 gal)	/	GAL.
54	MURIATIC ACID - 20%	45 GAL CARBOYS	/	GAL.
55	MURIATIC ACID- 20° BAUMÉ	PUMPED TOTE (300-350 gal)	/	GAL.
56	ORTHO-POLYPHOSPHATE (AQUAMAG OR EQUAL)	BULK (300-500 GAL)	/	LB.
57	ORTHO-POLYPHOSPHATE (50%-50% Blend)	30 GALLON DRUM	/	LB.
58	ORTHO-POLYPHOSPHATE (30%-70% BLEND)	30 GALLON DRUM	/	LB.
59	PHOSPHATE (LIQUID) (SHANNON SLI 5225 OR CARUS 8100)	30 GALLON DRUMS	/	GAL.
60	PHOSPHORIC ACID 75% SOLUTION	15 GAL. DRUM	/	WET LB.
61	POLYALUMINUM CHLORIDE (HOLLAND PC-H180 or EQUAL)	BULK	/	GAL
62	POLYALUMINUM CHLORIDE (HOLLAND PC-H180 or EQUAL)	275 GAL TOTE	/	GAL
63	POLYALUMINUM CHLORIDE (HOLLAND EPIC-WW58 or EQUAL)	BULK	/	GAL.
64	POLYALUMINUM CHLORIDE (HOLLAND PCH-182 OR EQUAL)	BULK	/	GAL.
65	POTASSIUM HYDROXIDE- 45%	BULK (400-5,000 gal. Deliveries)	/	WET LB.
66	POTASSIUM HYDROXIDE- 45%	TOTE	/	WET LB.
67	POTASSIUM HYDROXIDE- 45%	55 GAL. DRUM	/	WET LB.
68	POTASSIUM PERMANGANATE (U.S. ONLY)	55 LB. DRUM	/	LB.

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69	POTASSIUM PERMANGANATE (U.S. ONLY)	330 LB. DRUM	/	LB.
70	POTASSIUM PERMANGANATE (U.S. ONLY)	5 LB. PAILS	/	LB.
71	POTASSIUM PERMANGANATE (FOREIGN- Alternative Bid)	55 LB. DRUM	✓	LB.
72	POTASSIUM PERMANGANATE (FOREIGN - Alternative Bid)	330 LB. DRUM	/	LB.
73	POTASSIUM PERMANGANATE (FOREIGN - Alternative Bid)	5 LB. PAILS	/	LB.
74	SODIUM ALUMINATE- 38% (AWWA B405 – LATEST)	BULK	/	WET LB.
75	SODIUM BICARBONATE (AWWA/NSF 60)	BULK	/	DRY LB.
76	SODIUM BICARBONATE (AWWA/NSF 60)	50 LBS. BAG Full Truckload Release	/	DRY LB.
77	SODIUM BICARBONATE (WASTEWATER)	50 LBS. BAG Full Truckload Release	/	DRY LB.
78	SODIUM BICARBONATE (WASTEWATER)	50 LBS. BAG Per Pallet	/	DRY LB.
79	SODIUM BISULFITE- 38% SOLUTION	BULK 1,000 GAL+	/	WET LB.
80	SODIUM BISULFITE- 38% SOLUTION	MINI-BULK ≤ 800 GAL	/	WET LB.
81	SODIUM BISULFITE- 38% SOLUTION	55 GAL. DRUM	/	WET LB.
82	SODIUM METABISULFITE (GRANULAR)	50 LBS BAGS	/	DRY LB.
83	SODIUM CARBONATE SODA ASH- DENSE	50 LB. BAG	/	DRY LB.
84	SODIUM CARBONATE SODA ASH -DENSE	SUPER SACKS	/	DRY LB.
85	SODIUM CARBONATE SODA ASH- DENSE	BULK	/	DRY LB.
86	SODIUM CHLORIDE	50 LB. BAG	/	DRY LB.
87	SODIUM CHLORITE – 25% SOLUTION – U.S. ONLY	BULK	\$.5580	WET LB.
88	SODIUM CHLORITE- 25% SOLUTION – U.S. ONLY	55 GAL DRUM	\$.8680	WET LB.

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89	SODIUM CHLORITE – 25% FOREIGN (alternate bid)	BULK	\$. 5580	WET LB.
90	SODIUM CHLORITE- 25% FOREIGN (alternate bid)	55 GAL DRUM	\$. 8680	WET LB.
91	SODIUM CHLORITE – 25% SOLUTION – non-AWWA for wastewater use only	BULK	\$. 5580	WET LB.
92	SODIUM CHLORITE- 25% SOLUTION – non-AWWA for wastewater use only	55 GAL DRUM	\$. 8680	WET LB.
93	SODIUM CHLORITE – (SAFE-T-CHLOR SOLID)	55 GAL. DRUM	/	DRY LB.
95	SODIUM FLUORIDE U.S. ONLY	LESS THAN FULL 40 BAG PALLETS OF 50 LB. BAGS	/	DRY LB.
96	SODIUM FLUORIDE U.S ONLY	FULL 40 BAG PALLETS OF 50 LB. BAGS	/	DRY LB.
97	SODIUM FLUORIDE FOREIGN (alternative bid)	LESS THAN FULL 40 BAG PALLETS OF 50 LB. BAGS	/	DRY LB.
98	SODIUM FLUORIDE FOREIGN (alternative bid)	FULL 40 BAG PALLETS OF 50 LB. BAGS	/	DRY LB.
99	SODIUM HEXAMETAPHOSPHATE	50 LB. BAG	/	DRY LB.
100	Sodium Hexametaphosphate PRISTINE SK-7641	55 GAL DRUM	/	WET LB.
101	SODIUM HYPOCHLORITE-5%	250 GAL TOTE	/	WET LB.
102	SODIUM HYPOCHLORITE- 12.5%	5 GAL CARBOYS	/	WET LB.
103	SODIUM HYPOCHLORITE- 12.5%	500-2,000 gal. BULK	/	WET LB.
104	SODIUM HYPOCHLORITE- 15%	BULK (400-5,000 gal. deliveries)	/	WET LB.
105	SODIUM HYPOCHLORITE- 15% Certified Refrigerated Storage and Delivery (Alternative Bid)	BULK (400-5,000 gal. deliveries)	/	WET LB.

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106	SODIUM HYPOCHLORITE- 15%	55 GAL. DRUMS	/	WET LB.
107	SODIUM HYPOCHLORITE- 15%	30 GAL. CONTAINER	/	WET LB.
108	SODIUM HYPOCHLORITE- 15%	15 GAL. CONTAINER	/	WET LB.
109	SODIUM HYPOCHLORITE- 15%	5 GAL. CONTAINER	/	WET LB.
110	SODIUM HYPOCHLORITE- 15%	1 GAL. CONTAINER	/	WET LB.
111	SODIUM SILICOFLUORIDE	50 LB. BAG	/	DRY LB.
112	SODIUM THIOSULFATE (penta-hydrate)	25 KG BAGS	/	DRY KG.
113	ZINC HEXAMETAPHOSPHATE (V-937 OR EQUAL)	50 LB. BAG	/	DRY LB.
114	ZINC ORTHOPHOSPHATE (V-970 OR EQUAL)	BULK	/	WET LB.
115	ZINC ORTHOPHOSPHATE	55 GAL. DRUM	/	WET LB.
116	ZINC ORTHOPHOSPHATE (CARUS 3050 OR EQUAL)	50 LB. PAIL	/	DRY LB.
117	ZINC ORTHOPHOSPHATE (SHANNON SLC 321 OR CARUS 3180)	30 GAL. DRUMS	/	GAL.
118	ZINC ORTHOPHOSPHATE (SHANNON SLC 321 OR CARUS 3180)	275 GAL. TOTE	/	GAL.
119	ZINC ORTHOPHOSPHATE (SLI-932 OR EQUAL)	BULK	/	WET LB.
120	ZINC ORTHOPHOSPHATE (V-939 OR EQUAL)	BULK	/	WET LB.
121	ZINC ORTHOPHOSPHATE (UPZ-511 OR EQUAL)	BULK	/	WET LB.
122	ZINC ORTHOPHOSPHATE (SLI-939 OR EQUAL)	BULK	/	WET LB.
123	Emergency Pumping and Storage Tanker to support temporary on-site storage for utility that needs to repair containment vessel.	Daily Fee:	/	Chemicals that bulk pumping and storage will support:

PROPOSAL FROM:

International Dioxide, Inc.
40 Whitecap Drive
North Kingstown, RI 02852

Telephone: 401-295-8800 email: IDI_CS@ercoworldwide.com
to furnish SODIUM CHLORITE in accordance with specifications attached, it being further understood that the Town reserves the right to make an award on the basis of quotations received for any and/or on the basis of the aggregate total for all items on which quotations received.

The Bidder acknowledges receipt of the following Addenda:

Signature: _____

Thomas M. Dwyer / ClO₂ Business Dir.

Sir:

In accordance with the advertisement of the Northeast/Merrimack Valley Chemical Consortium inviting proposals for furnishing Chemicals in conformity with the attached specifications, I/we hereby certify that I am/we are, the only person (s) interested in this proposal as principal(s); that it is made without collusion with any person, firm, or corporation, that an examination has been made of the specifications; and that the equipment/materials will be delivered within the time specified, at the following prices.

SIGNATURES

(If an Individual)

Date _____, 2018

Signature of Bidder: _____ (SEAL)
(Owner and Proprietor)

Business Name D/B/A:

Business Address:
(if a co-partnership)

Date _____, 2018

Firm Name: (SEAL)

By: (SEAL)

Business Address:

Names and Addresses of all Members of Firm
(if a corporation)

Date May 16, 2019

Corporate Name: International Dioxide, Inc.

By: Thomas M. Dwyer
President or Authorized Agent*

40 Whitecap Drive, North Kingstown, RI 02852
Business Address:

* Statement of authorization, duly signed by proper authority, to be attached hereto.

Attest: _____

I certify under the penalty of perjury that I, to the best of my knowledge, have filed all state tax returns and paid all state taxes required under law.

*Signature of Individual or Corporate Name (Mandatory): Thomas M. Dwyer

By: Corporate Officer (Mandatory, if Applicable): _____

*Approval of a contract or other agreement will not be granted unless this certification clause is signed by the applicant.

WARRANTIES/GUARANTEES

All prospective bidders on items that carry warranties and/or guarantees must include with their sealed proposal a copy of the warranties and/or guarantees of major components as well as a copy of the warranties and/or guarantees on the items being bid/proposal if applicable.

The bidder must make arrangements to assure the owner that the warranties or guarantees can be assigned to the owner. The owner's intent is to use the extent of the coverage in the warranties or guarantees as part of the awarding procedure.

INTERNATIONAL DIOXIDE, INC.

BOARD OF DIRECTORS

CONSENT RESOLUTION

The undersigned, being all of the members of the Board of Directors (the "Board") of International Dioxide, Inc. a Delaware corporation (the "Corporation"), hereby consent to the following actions by written consent, with the same force and effect as if such actions were taken at a meeting of the Board duly called for such purpose on the date set out below.

Authority for Sales Contracts and Bids

Resolved,

Thomas M. Dwyer, CIO2 Business Director of the Corporation, is authorized to execute sales contracts or bids of three (3) years or less and valued at less than \$1,000,000 USD.

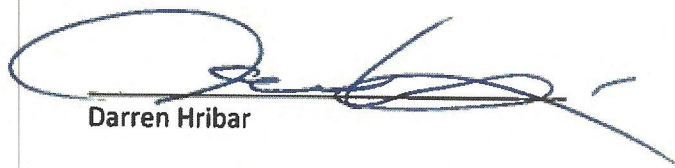
Resolved further that all acts done, and all agreements, certificates and other documents executed and delivered, by the directors, officers and authorized representatives of the Corporation in furtherance of any of the foregoing, are hereby approved, confirmed and ratified; and

This consent may be executed in any number of counterparts, including by electronic signature.

Dated as of September 1, 2018.

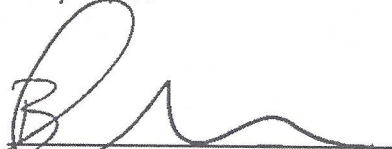


Thomas R. Barrett



Darren Hribar

Andy Peyton



Beth Summers

Marc Schoone

The foregoing consent to action without a meeting of the Board of Directors was filed with the minutes and proceedings of the Board of Directors.



Secretary

INTERNATIONAL DIOXIDE, INC.

BOARD OF DIRECTORS

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Thomas R. Barrett



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Secretary