

EXHIBIT A

NORTH TEXAS MUNICIPAL WATER DISTRICT (“NTMWD” or “District”) SPECIFICATIONS FOR LIQUID CHLORINE (150 lb. cylinders and one (1) ton cylinders)

QUALITY

Chlorine shall be 99.5% chemically pure by volume and anhydrous. Chlorine is a greenish-yellow gas that is packaged as a liquid under pressure in containers fabricated in accordance with specifications of the U.S. Department of Transportation (DOT).

Moisture	150	ppm Max.
Heavy Metals	30	ppm Max.
Lead (Pb)	10	ppm Max.
Mercury (Hg)	1	ppm Max.
Arsenic (Metallic As)	3	ppm Max.
Trihalomethanes	300	ppm Max.
Carbon tetrachloride	100	ppm Max.

WARRANTY

The bidder shall warrant that all deliveries made under this contract are of good quality and conforms with A.W.W.A. Standards for Liquid Chlorine B301-99. Further, the material furnished shall contain no soluble mineral or organic substances in quantities capable of producing deleterious or injurious effects on the health of those consuming the water, or that would otherwise render unfit for public water supply use the water which has been treated properly with the material. The material shall conform to National Sanitation Foundation Standard 60: Drinking Water Chemicals and shall be certified by NSF as meeting this standard. NSF 60 certification shall be supplied with each chemical delivery.

DELIVERY

Liquid Chlorine shall be delivered in 150 lb. cylinders or one-ton cylinders. All chlorine delivered in railcar must be domestic production and shipment (i.e. from the U.S.A.) Bidder shall be responsible for providing all necessary equipment required for the safe loading and unloading of all chlorine cylinders and containers. All containers shall be checked for leaks before filling and any container that shows evidence of leakage, damage, or corrosion will be rejected. Chlorine cylinders, ton containers, valve threads and valve packaging must be in good mechanical working order and shall operate with a chlorine wrench. Any cylinder or container which is found leaking shall be removed from District property in a timely manner at no cost to the District. The manufacturer or packager shall pack the Liquid Chlorine in containers that comply in every respect with the current Hazardous Materials Regulations of the U.S. Department of Transportation (DOT), U. S. Department of Homeland Security, Transportation Security Administration (TSA), and the U. S. Environmental Protection Agency (USEPA). Each container shall

be clearly marked as to indicate the contents and shall bear the current precautionary information required by DOT, USEPA, and other regulatory agencies.

NTMWD requires that delivery of the product be made within 24 hours of being requested (for cylinders) or on the date specified when the product is ordered. NTMWD requires that deliveries be made on weekends and on holidays as requested. Deliveries must normally be made during daylight hours. Deliveries may be accepted during the nighttime with prior approval by the Water Plant Supervisor, Water Plant Manager or Wastewater Plant Manager.

POINT OF DELIVERY

Prices bid for materials must be for deliveries FOB DISTRICT at location(s) specified in bid document. NTMWD shall not pay demurrage on rail cars. Title to any shipment shall be held to pass only upon actual delivery and acceptance at Wylie, Texas.

AUTHORITY FOR DELIVERY

Deliveries of the material purchased under the terms of this contract are to be made if, as and when required and ordered by the System Manager or designated representative of NTMWD, and at such intervals as directed by the Systems Manager.

REJECTION OF DELIVERIES

NTMWD may reject and refuse delivery of any shipment which falls below the quality designated in these specifications, for inoperable, faulty valves and leaking container(s). NTMWD shall not be held to have accepted any shipment until after analysis of the material and inspection of the container(s) and NTMWD has had an opportunity to exercise this right of rejection.

SPIILLS AND LEAKS

Any and all chemical spills or leaks caused by chemical delivery drivers, delivery trucks/trailers or their associated equipment must be cleaned up immediately at the expense of the chemical vendor. This is to include any and all spills or leaks occurring on NTMWD property. Delivery drivers are not to add water to or attempt to clean up spills or leaks prior to NTMWD personnel assessing the spill/leak. If NTMWD personnel are not readily available, the delivery driver shall immediately notify NTMWD and take reasonable actions to contain/clean up the spill until NTMWD personnel arrive and assess the spill. Any and all spills or leaks that are not remediated by the chemical vendor will be done so by NTMWD and the service of such will be billed to the chemical vendor.

PERFORMANCE BOND

Each Seller that is awarded a Liquid Chlorine Agreement shall immediately furnish a Performance Bond in an amount at least equal to the projected total contract price (*e.g.*, unit price x estimated quantity) ***up to a maximum amount of \$1 million***, as security for the faithful performance of delivery of the product at the awarded unit price and per the terms and conditions of the Agreement. The Performance Bond shall be obtained from a surety or insurance company that is duly licensed and authorized to issue bonds and shall be in the format of the attached Performance Bond form. If the Seller's Payment Bond

surety for any Bond furnished by the Seller is declared bankrupt or becomes insolvent or its right to do business is terminated, Seller shall within 10 days thereafter substitute another Bond and Surety, both of which must be acceptable to NTMWD. A performance bond will not be required when the projected total contract price is less than \$150,000.

IDENTIFICATION OF BID

All bids shall be conspicuously and plainly marked, "BID ON CHLORINE 150 LB. CYLINDERS AND ONE (1) TON CYLINDERS CONTRACT".

***NORTH TEXAS MUNICIPAL WATER DISTRICT
INVITATION FOR BIDS
ANNUAL SUPPLY FOR THE ESTIMATED USAGE OF***

LIQUID CHLORINE - 150 LB. CYLINDERS - WASTEWATER

(FOR THE PERIOD JULY 1, 2018 TO JUNE 30, 2019)

Sealed bids will be received until **11:00 A.M.** Wednesday, **April 18, 2018**, at the NTMWD's Administrative Offices, 505 East Brown St, Wylie, Texas 75098. All bids should be F.O.B. the point of delivery in the "Description," below. The chemical quantity bid is an estimated usage based upon an average volume of water/wastewater treated. Actual quantities to be purchased will be less than or greater than the estimate.

ITEM NO.	QUANTITY	DESCRIPTION	UNIT PRICE	TOTAL
1	250 cyl.	Buffalo Creek WWTP – Rockwall, Texas	/ cyl.	
2	75 cyl.	Mesquite WWTP – Mesquite, Texas	/ cyl.	
3	200 cyl.	Squabble Creek WWTP - Rockwall, Texas	/ cyl.	
4	205 cyl.	Sewer System – Wylie, Texas	/ cyl.	
		TOTAL		

The undersigned hereby offers to furnish and deliver the articles or services as specified above at the prices and terms stated and in strict accordance with the attached North Texas Municipal Water District General Conditions to Bid, which incorporates its proposed Chemical Supply Agreement and Exhibit A Specifications thereto all of which are made a part of this offer. This offer is not subject to withdrawal for thirty (30) days from date bids are received.

FIRM NAME _____ TELEPHONE NO. _____

ADDRESS _____

NAME _____ TITLE _____

SIGNATURE _____

(CN-14B)

SUBCONTRACTORS and SUPPLIERS to BIDDER (if any):

FIRM NAME _____ TELEPHONE NO. _____

ADDRESS _____

FIRM NAME _____ TELEPHONE NO. _____

ADDRESS _____

FIRM NAME _____ TELEPHONE NO. _____

ADDRESS _____

***NORTH TEXAS MUNICIPAL WATER DISTRICT
INVITATION FOR BIDS
ANNUAL SUPPLY FOR THE ESTIMATED USAGE OF***

LIQUID CHLORINE - ONE-TON CONTAINERS - WASTEWATER
(FOR THE PERIOD JULY 1, 2018 TO JUNE 30, 2019)

Sealed bids will be received until **11:00 A.M.** Wednesday, **April 18, 2018**, at the NTMWD's Administrative Offices, 505 East Brown St, Wylie, Texas 75098. All bids should be F.O.B. the point of delivery in the "Description," below. The chemical quantity bid is an estimated usage based upon an average volume of water/wastewater treated. Actual quantities to be purchased will be less than or greater than the estimate.

ITEM NO.	QUANTITY	DESCRIPTION	UNIT PRICE	TOTAL
1	285 tons	Mesquite WWTP - Mesquite, Texas	/ton	
2	310 tons	Rowlett Creek WWTP - Plano, Texas	/ton	
3	160 tons	Wilson Creek WWTP - Allen, Texas	/ton	
	Total	/ ton		

The undersigned hereby offers to furnish and deliver the articles or services as specified above at the prices and terms stated and in strict accordance with the attached North Texas Municipal Water District General Conditions to Bid, which incorporates its proposed Chemical Supply Agreement and Exhibit A Specifications thereto all of which are made a part of this offer. This offer is not subject to withdrawal for thirty (30) days from date bids are received.

FIRM NAME _____ TELEPHONE NO. _____

ADDRESS _____

NAME _____ TITLE _____

SIGNATURE _____
(CN-14C)

SUBCONTRACTORS and SUPPLIERS to BIDDER (if any):

FIRM NAME _____ TELEPHONE NO. _____

ADDRESS _____

FIRM NAME _____ TELEPHONE NO. _____

ADDRESS _____

FIRM NAME _____ TELEPHONE NO. _____

ADDRESS _____