

# North Texas Municipal Water District

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## Official Bid Information for Zeta Potential Analyzer

**Bid Opening – August 7, 2019 at 2:00 pm**



**INCLUDED:**

- 1. General Terms and Conditions**
- 2. Public Notice**
- 3. Exhibit A**

## **North Texas Municipal Water District Invitation to Bid General Conditions**

1. Bids shall be submitted on the form provided in the bid packet.
2. Bidder shall fill in all information asked for in the blanks provided under each item. Failure to completely describe the item(s) being bid may result in rejection of the bid.
3. **No additional bid conditions or exceptions are allowed. Any alteration to the bid document, inclusion of new terms, or exceptions to bid conditions may result in rejection of the bid.**
4. The North Texas Municipal Water District (NTMWD) is exempt from Federal Excise and Sales Taxes. **DO NOT** include tax on bid price or invoice.
5. Prices should be itemized. NTMWD reserves the right to award by item, site, and any combination of same or total bid. Bid prices shall include all shipping and handling charges.
6. NTMWD reserves the right to reject any or all bids or parts of bids.
7. Address bids to Kathy Richmond, North Texas Municipal Water District, 505 E. Brown St., Wylie, Texas 75098. Bids may be submitted in person or shipped via courier, FedEx, UPS or other delivery service. **The District does not receive U.S. Mail at the District offices. FAX and e-mail bids are not allowed.**
8. To assure bids are not inadvertently opened until the appointed hour, please enclose bid(s) in sealed envelopes inside the shipping envelope and clearly mark the outside lower left corner of the shipping envelope as follows: **Contents- Bid on Zeta Potential Analyzer**
9. Bidders having questions regarding the preparation of bids, may contact Zeke Campbell, Water System Manager, at (972) 442-5405 no later than 72 hours before bids are due. However, nothing provided orally shall in any way modify the terms and conditions of the bidding documents or specifications unless made in writing by way of a formal written notice of addendum published by NTMWD.
10. **ALL BIDS AND ADDENDUMS MUST BE SIGNED BY HAND.**

*PUBLIC NOTICE*

**INVITATION TO BID**

Sealed bids will be received by the North Texas Municipal Water District at the Engineering/IT Bldg., 505 E. Brown St., Wylie, Texas 75098 until 2:00 P.M., local time, August 7, 2019, for one Zeta Potential Analyzer.

At said place and time, and promptly thereafter, all bids that have been duly received will be publicly opened and read aloud.

All bids must be in accordance with the *North Texas Municipal Water District Invitation to Bid General Terms and Conditions*, which incorporates Exhibit A *Specifications* thereto, prepared by the North Texas Municipal Water District. Copies of these documents and specifications for use in preparing bids may be obtained from Kathy Richmond, North Texas Municipal Water District, P.O. Box 2408, 501 E. Brown St. Wylie, Texas 75098. (469) 626-4403 direct or (972) 442-5405 ext. 4403.

The North Texas Municipal Water District reserves the right to reject all bids, to award contracts to multiple bidders, to waive formalities, and to reject nonconforming, nonresponsive, or conditional bids.

**NORTH TEXAS MUNICIPAL WATER DISTRICT**

By s/ Don Gordon  
Don Gordon  
President, Board of Directors

## **EXHIBIT A**

### **NORTH TEXAS MUNICIPAL WATER DISTRICT (“NTMWD” or “District”) SPECIFICATIONS FOR ZETA POTENTIAL ANALYZER**

#### **REQUIREMENTS**

The zeta potential analyzer (“analyzer”) shall have an operational range of +500mV to -500mV. The analyzer shall have a helium neon laser (633nm, max 4mW) with an APD detector and M3-PALS technology. The analyzer shall measure zeta potential using electrophoretic light scattering. The analyzer shall be capable of diffusion barrier zeta potential measurement of as little as 20 microliters. The analyzer should have automated measurement optimization. The analyzer shall have fast field reversal electrophoresis. The analyzer shall make use of standard operating procedures for automated and reproducible measurements. The analyzer shall have a high sensitivity avalanche photo diode detector system. The analyzer shall have temperature controls of  $\pm 0.1^{\circ}\text{C}$  to  $90^{\circ}\text{C}$ . The analyzer shall have a high efficiency fiber optic light path. The analyzer should be powered by 120 volt power outlet. The analyzer shall be a benchtop unit capable of analyzing grab samples. The analyzer must be capable of using high resolution capillary zeta potential cells.

#### **IDENTIFICATION OF BID**

All bids shall be conspicuously and plainly marked, “BID ON ZETA POTENTIAL ANALYZER.”

## ZETA POTENTIAL ANALYZER

ITEM NO.	QUANTITY	DESCRIPTION	UNIT PRICE	TOTAL
1	1	Zeta Potential Analyzer		

FIRM NAME \_\_\_\_\_ TELEPHONE NO. \_\_\_\_\_  
ADDRESS \_\_\_\_\_  
NAME \_\_\_\_\_ TITLE \_\_\_\_\_  
SIGNATURE \_\_\_\_\_