

**Texas A&M Veterinary Medical Diagnostic Laboratory (TVMDL)**  
**Request for Quote #R620025**  
**Reverse Osmosis, Deionized Water System Replacement**  
**Amarillo, Texas**

Terms and Conditions: Vendor's quote submittal is subject to the Agency's terms and conditions, which are available at <http://agrilife.org/admin/files/2013/05/terms-conditions-bid.pdf> or may be faxed or emailed upon request.

Terms of Payment: Net 30 days upon successful installation and acceptance by the Agency or receipt of correct invoice, whichever is later.

Governing Law: Any contract resulting from this request for quote shall be construed and governed by the laws of the State of Texas.

Insurance: The awarded vendor must provide a copy of their current certificate of insurance, showing the Agency as an additional insured, before services can be performed. See attached insurance requirements.

Optional Site Visit: A site visit is optional. Please contact Diana Callis at 806-353-7478 to schedule a visit, if needed.

Award Based on Best Value: Texas A&M Veterinary Medical Diagnostic Laboratory reserves the right to accept or reject any or all quotes, to waive informalities and technicalities, to accept the offer considered most advantageous and award based on best value criteria. In determining what is the best value to the Agency, the Agency shall consider any or all of the following:

- 1) purchase price
- 2) the reputation of the vendor and the vendor's goods or services.
- 3) the quality of the vendor's goods or services.
- 4) the extent to which the goods or services meet the Agency's needs.
- 5) the vendor's past relationship with the Agency.
- 6) the total long-term cost to the Agency in acquiring the vendor's good or services.
- 7) the length and coverage of the vendor's warranty.
- 8) the delivery (service start) time.
- 9) any other relevant factor that a private business entity might consider in selecting a vendor.

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## **1 JOB**

Furnish all labor, materials, and equipment necessary to:

1. Remove and replace the laboratory reverse osmosis (RO) and deionized (DI) water system. Project to include water softener, treatment system, mixed-bed deionized tanks, and lab grade/high purity water polisher. Include all related controls, appurtenances and necessary piping/connections to water, drain, electrical, etc., as necessary for a complete, functional, efficient, and easy to maintain system. Remove and properly dispose of all associated abandoned equipment and piping.
  - a. Provide and install a water softener to feed the reverse osmosis unit. Include new automatic backwashing activated carbon filter. Include additional pre-filters as necessary due to local water conditions.
  - b. Provide and install one (1) reverse osmosis unit, including a minimum fifty (50) gallon storage tank; field verify volume requirements. Storage tank shall be

placed in a location determined by the user and supplied with a level control to automatically turn the RO unit on and off. The tank should include one (1) point of use tap to discharge RO water and shall be easy to decontaminate. RO water shall be supplied to two (2) autoclaves located in rooms 128 and 208. A pump and captive air pressure tank shall be provided to deliver the RO water through a totalizing meter to the autoclaves and deionized water tanks (item #2).

2. Provide and install two (2) mixed bed DI tanks in a worker-polisher combination. Both DI tanks shall have a one (1) megohm quality indicator light. Provide and install a 0.2 micron absolute filter after the DI tanks. Provide necessary connections to provide one (1) point of use tap and connection to a high purity countertop system located in room 208 (item #3); field verify location.
3. Install one (1) new lab grade high purity countertop system in room 208. System should be supplied by DI tanks after the 0.2 micron absolute filter (see item #2). System must be appropriate for use in molecular biology, cell culture, PCR, and microbiology applications; i.e., 18.2 megohm quality.

#### **1 YR**

Maintenance contract for RO and DI water systems. Coverage shall include routine maintenance and scheduled filter changes according to manufacturer's specifications. Contract shall include labor and all consumables needed to operate the systems. Labor for any repairs should be included on an as needed basis; parts for repairs should not be included.

*\*\*Please note that it will be at the Agency's sole discretion whether or not to award this item at this time.*

#### **CONTRACTOR REQUIREMENTS:**

Contractor must have Class 3 water treatment specialist license.

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**Quotes may be submitted to Lindsay Weber at [lrweber@ag.tamu.edu](mailto:lrweber@ag.tamu.edu) or faxed to 979-458-1217.**

## NOTICE OF PROJECT

Reverse Osmosis, Deionized Water System Replacement  
Texas A&M Veterinary Medical Diagnostic Laboratory (TVMDL)  
6610 Amarillo Blvd West  
Amarillo, Texas 79106  
The Texas A&M University System  
September 2015

### SCOPE OF WORK

Furnish all labor, materials and equipment necessary to:

1. Remove and replace the laboratory reverse osmosis (RO) and deionized (DI) water system. Project to include water softener, treatment system, mixed-bed deionized tanks, and lab grade/high purity water polisher. Include all related controls, appurtenances and necessary piping/connections to water, drain, electrical, etc. as necessary for a complete, functional, efficient, and easy to maintain system. Remove and properly dispose all associated abandoned equipment and piping.
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  - b. Provide and install one (1) reverse osmosis unit, including a minimum fifty (50) gallon storage tank; field verify volume requirements. Storage tank shall be placed in a location determined by the user and supplied with a level control to automatically turn the RO unit on and off. The tank should include one (1) point of use tap to discharge RO water and shall be easy to decontaminate. RO water shall be supplied to two autoclaves located in rooms 128 and 208. A pump and captive air pressure tank shall be provided to deliver the RO water through a totalizing meter to the autoclaves and deionized water tanks (item #2).
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3. Install one (1) new lab grade high purity countertop system in room 208. System should be supplied by DI tanks after the 0.2 micron absolute filter (see item #2). System must be appropriate for use in molecular biology, cell culture, PCR, and microbiology applications; i.e., 18.2 megohm quality.

**ADD ALTERNATES:**

1. Maintenance contract for RO and DI water systems. Coverage shall include routine maintenance and scheduled filter changes according to manufacturer's specifications. Contract shall include labor and all consumables needed to operate the systems. Labor for any repairs should be included on an as needed basis; parts for repairs should not be included.

**CONTRACTOR REQUIREMENTS:**

1. Contractor must have Class 3 water treatment specialist license.