

City of Odessa Invitation for Bids

The City of Odessa, Missouri ("City"), is inviting bids from qualified vendors for the following project:

RFP 08-26a Water Department Slaking Equipment

Statement of Intent

The City intends to *solicit bids for the purchase of slaking equipment for the Water Department.*

Scope of Work

Dry Chemical Metering and Slaking Equipment

Volumetric Feeder:

Quantity: 1

Model: Barracuda 3000P Pebble Quick Lime Volumetric feeder or compatible

Storage: 3.0 ft with bolted inspection panel

Construction: 304 Stainless Steel

Motor: 1 ½ HP, 480V, 3PH, 60 Hz, inverter duty

Gear Reducer: 45 RPM

Auger Type: Pebble Quick Lime Open Helix with Solids Support Shaft or compatible

Auger Speed Sensor: Digital

Auger Bearings: Outboard

Stainless steel down-spout with removable flexible connection for sampling feed rate

Quick-Lime Detention Slaker:

Rate: 600 lb./hr.

Slaking Mix Chamber:

Exterior: 10 ga 304 stainless steel

Interior: ¼" 304 stainless steel

Cover: Bolt-on with four access hatches

Insulation: side wall and cover (1" Celotex)

Connections:

Slaker inlet water connection – 1 ½"

Cooling inlet water connection – 2"

Dilution inlet water connection – 1 ½"

Tank drain connection – 2"

Overflow connection – 2"

All slaker tank piping shall be rigidly mounted on the tank at factory

Slurry Mixer:

Motor: 1 ½ HP, 480V, 3PH, 60 Hz. 1800 RPM

Gear Reducer: 20:1 right angle (90 RPM output speed)

Impeller: 304 stainless steel abrasion resistant
Slurry Surface Rake Assembly: 304 stainless steel
Shaft: 304 stainless steel shaft

Vapor & Dust Arrestor
Vent fan

Temperature Sensor

Grit Conveyor:

Integral to slaker
Screw: 4", 304 stainless steel
U-Trough: 304 stainless steel with cover
Inlet Weir
Grit washer spray nozzles
Secondary dilution water system
Slurry discharge connection
Discharge: rubber flapper grit discharge to customer provided waste bin

Junction Box for reconnecting system wiring components, NEMA 4X

Slaking Water Control System:

Integral to slaker
Pressure regulating valve
Pressure switch
Slaking modulating control water valve
Rapid cooling/torque reducing water solenoid valve
Dilution water solenoid valve
Rotameter dilution water flow meter
Schedule 80 PVC plumbing and fittings

Slaker Control Panel

Enclosure: NEMA 4X (wall mounted)
Construction: 304 stainless steel
Power Requirements: 480VAC, 3PH, 60 Hz
Main Disconnect: Rotary Style, Circuit Breaker
Control Power Transformer (480V – 120V)
Motor Controllers:
Volumetric Feeder
Motor Starters with Overload:
Slaker Mixer
Grit Remover
Vapor Remover Fan

Control Switches:

- Emergency Stop
- Manual / Auto Control
- System Start
- System Stop
- Temperature Setpoint Numeric input (120 – 180 degrees)
- Desired Feed rate
- Master Auto
- Master Hand
- Feeder Hand / Off / Auto
- Mixer Hand / Off / Auto
- Grit Remover Hand / Off / Auto
- Vapor Exhaust Fan Hand / Off / Auto
- Slaker Water Valve Open / Closed / Auto
- Dilution Water Valve Open / Closed / Auto
- Cooling / Torque Water Valve Open / Closed / Auto
- Alarm Silence

Running / Status indications for the following:

- Feeder
- Slaker Mixer
- Grit Remover
- Slacking Valve
- Cooling Solenoid Valve
- Dilution Solenoid Valve
- Cooling / Torque Water Valve
- Vapor Exhaust Fan

Actual Speed Readout for the following:

- Actual Feeder Speed (0-100%)
- Actual Temperature Display (0-300 degrees)

Alarms:

- Slaker Mixer Overload
- Feeder Fault
- Grit Remover Overload
- Vapor Exhaust Fan Overload
- Low Water Pressure
- Slaker High Temperature
- Slaker High Torque
- Lime Feed Chute Empty

Alarm Horn & Beacon

ESTIMATED DELIVERY DATE

The estimated delivery and installation date must be included in the bid submission.

Submittal of Bids

Bidders shall submit bids to:

Cathy Thompson, Finance Director
Odessa City Hall
228 S 2nd Street
Odessa, Missouri, 64076.

Bids will be accepted until **11:00 a.m. on Thursday, October 15, 2026.**

Bids shall be submitted in a sealed envelope clearly marked with RFP 08-26a Water Department Slaking Equipment, the bidder's company name, and the date and time for bid opening clearly and legibly marked on the outside.

Products and prices included in the bid may not be withdrawn for a period of thirty (30) days after the date of bid opening without the express written consent of the City.

Specific Requirements for Bids

Anti-Discrimination Against Israel

Section 34.600, RSMo., requires the City to ensure that contractors are not currently engaged in and shall not, for the duration of the contract, engage in a boycott of goods or services from the State of Israel; companies doing business in or with Israel or authorized by, licensed by, or organized under the laws of the State of Israel; or persons or entities doing business in the State of Israel. Successful bidders will be required to execute a sworn affidavit affirming these facts before entering into a contract.

City Business License Requirement

Bidders are informed that the successful bidder may be required to obtain or prove possession of a valid business license issued by the City of Odessa pursuant to Chapter 12 of the City Code.

United States and Local Products Preference

Bidders are informed that the Missouri Domestic Products Procurement Act (Sections 34.350 to 34.359, RSMo) requires manufactured goods or commodities used and supplied in the performance of a contract for construction, alteration, repair, or maintenance of any public works, which contract is valued at \$25,000 or more, to be manufactured or produced in the United States.

General Provisions Related to the Bidding Process

Substitute Materials or Work

Substitute materials or work shall not be permitted and bids submitted that do not correspond to the specifications provided with the Invitation for Bids will be rejected as non-responsive.

Reservation of Rights

The City reserves the right to accept or reject any or all bids, to waive any technicalities in the bid process, to award any bid or portion of a bid which is deemed to be the most advantageous to the City of Odessa, and to make any investigations as are deemed necessary to determine the ability of a bidder to perform the Work.

Errors and Omissions by the City

No bidder shall be permitted to use to his or her advantage any error or omission in this Invitation for Bid or related specifications.

Interpretation of Specifications or other Contract Documents Prior to Bidding

If any person contemplating submission of a bid for items contained in this Invitation for Bids is in doubt regarding the true meaning of any part of the Invitation for Bids documents, he or she may submit to Darin Lamb, Water Superintendent, an e-mail at Darrin.lamb@cityofodessamo.com, requesting an interpretation or correction of the Invitation for Bids documents not later than October 1, 2026. Any interpretation or correction to the Invitation for Bids documents will be made by the City by addendum and will be mailed or delivered to each bidder of record not less than five (5) days prior to bid opening.

Questions Regarding Technical Specifications

Any and all questions regarding the technical specifications shall be directed to Darin Lamb, Water Superintendent, via e-mail at Darrin.lamb@cityofodessamo.com. Any material changes to the bid specifications arising as a result of such questions shall be approved by the City in writing and mailed or delivered to each bidder of record not less than five (5) days prior to bid opening.

Prices

All prices shall be F.O.B. destination 325 S 8th Street, Odessa, Missouri, 64076. No other costs will be permitted the successful bidder beyond those stated in the bid, except by express written consent of the City in accordance with applicable contract documents.

Payment

All items, including labor and materials for the Work will be paid in a single lump sum payment to the successful bidder within thirty (30) days after the latest of the following occurrences:

- The date of delivery of the materials or construction services purchased;
- The date upon which the written invoice for such materials and services is delivered by hand, or by U.S. Mail, to the Finance Director at 228 S 2nd Street, Odessa, Missouri, 64076; or

- In the event that the contractor approves the City's estimate, the date upon which notice of the contractor's written approval of the City's estimated price is duly delivered by hand, or by U.S. Mail, to the Finance Director at 228 S 2nd Street, Odessa, Missouri, 64076.

Bidders are informed that the successful bidder shall comply with the Missouri Public Prompt Payment Act (Sections 8.960 and 8.962, RSMo) regarding payments to subcontractors and material suppliers in relation to the contract awarded as a result of this Invitation for Bids.

The City expressly reserves its rights to withhold, in good faith, payment or final payment in accordance with Sections 8.960 and 8.962, RSMo, and in accord with the contract awarded as a result of this Invitation for Bids. Final payments will be made in accordance with Sections 8.960 and 8.962, RSMo.

September 23, 2026

City of Odessa
City Hall
228 S 2nd Street.
Odessa, MO 64076

Cathy Thompson, Finance Director
Cathy.thompson@cityofodessamo.com
816-608-5650

Bid Pricing Form

The City is requesting pricing for the production and installation of water department slaking equipment as specified above.

Lump Sum Bid Price: \$ _____

Installation Date: _____

Number of Scheduled Days Down Time: _____