



Johnson County Commission

William H. Gabel
Presiding Commissioner

John L. Marr
Commissioner, Eastern District

Charles Kavanaugh
Commissioner, Western District

Diane Thompson
County Clerk

May 4, 2021

BID SPECIFICATIONS: Johnson County, MO Dust Control on Landfill Road (Page 1 of 2)

BID INVITATION

The Johnson County Commission requested bids for Johnson County Road and Bridge Department to provide Dust Control for the "Landfill Road" through December 31, 2021.

BID SPECIFICATIONS

Physical Properties: The below list is a guideline but does not limit alternative products from being submitted. A product specification document and explanation of service should be provided for any product included in the bid.

- Magnesium Chloride ($MgCl_2$) or Comparable Product
 - 29-31% Magnesium Chloride solution meeting or exceeding U.S. Forest Service Specifications (Section 312 and Section 721), U.S. Army Corps of Engineers Specification as outlined in Technical Report GL-86-20; liquid solution meeting or exceeding industry standards for dust control / road stabilization applications.
 - Physical Properties (29-31% Concentration)

Appearance	Clear to straw colored liquid
Odor	None
Specific Gravity	1.31+/- 0.02 at 20 degrees C
Density	10.70 – 11.1 lb./gal.

Chemical Properties (29-31% Concentration)

Chemical	$MgCl_2$
pH (5% Solution)	< 0.3%
Impurities (on a 29-31% basis):	
Calcium as $CaCl_2$	< 0.3%
Sulfate (SO_4)	3.5% max.
Sodium (Na)	0.5% max.
Potassium (K)	0.5% max.

- Product is to be manufactured as a liquid solution at the manufacturer's liquid chemical production plant. Dry or bagged product that is dissolved in water will not be accepted. Product will not be made by mixing, blending, diluting or dissolving dry $MgCl_2$.

Application Rate: The product should be applied at 0.5 gallons per square yard.

Location: The project is for SE 401st Starting at SE State Highway DD going south 5,161 feet to SE 421st and continuing on SE 421st 5,081 feet to end at the SE 275th intersection for a total measurement: 10,242 feet x 22 feet all in Johnson County, Missouri.

BID REQUIREMENTS

- Identify Product(s) for Application
- Documentation explaining product and application
- Expected life of dust control after application
- Price(s)
- Three (3) References of similar services completed within the past three (3) years.

INSURANCE Approved Bidder must submit to Owner an insurance certificate for comprehensive general public liability and workman's compensation coverage with respect to the premise having limits of liability for bodily injury, death, and property damage of not less than a combined single limit of \$1,000,000 per occurrence and \$2,000,000 aggregate, written on an occurrence basis, this certificate must name the Owner and additional insured as identified by the Owner.

BID SPECIFICATIONS: Johnson County, MO Dust Control on Landfill Road (Page 2 of 2)

WORK SCHEDULE Any and all applications shall be made at the discretion of the Road and Bridge Supervisor. The Johnson County Commission reserves the right to modify the schedule as may be necessary due to weather limitations as determined by the Road and Bridge Supervisor. Application of dust control solution shall be done during daylight hours only, Monday through Friday, and exclusive of holidays. Application will not be permitted during or immediately after heavy rain, nor if heavy rain is predicted, at the discretion of the Road and Bridge Supervisor.

DELIVERY Approved Bidder shall furnish a load ticket with each load of material delivered, including such information as may be necessary to determine accurate dates and quantities of material delivered to individual locations in Johnson County.

COORDINATION The Johnson County Road and Bridge Department will prepare the road surface by blading or grading the road surface in advance of the spreading operations to assure a reasonable smooth surface on which to apply the chloride solution. The Road and Bridge Supervisor will closely coordinate this work with the expected schedule of the Dust Control contractor.

APPLICATION All applications shall be continuous from road intersection to the end of project. Applications shall be made full width within one (1) foot of edges of the road.

FAIR EMPLOYMENT PRACTICES The Approved Bidder agrees they will not discriminate against any employee or applicant for employment, to be employed in the performance of this contract with respect to their hire, tenure, terms, conditions or privileges of employment or any matter directly or indirectly related to employment because of their age, (except when based on a bona fide occupation qualification), or because of their race, color, religion, national origin, ancestry, sex, height, weight, marital status, veteran status or handicap unrelated to the ability to perform the duties of a particular job. (Act No. 251 P.A. 1955, as amended).

PROTECTION AND RESTORATION OF PROPERTY Approved Bidder shall restore, at their expense, any public or private property damaged or injured in consequence of any act or omission on their part or on the part of their employees or agents to a condition similar and equal to that existing before such damage or injury was done. If the contractor neglects to repair or make restorations, the Road and Bridge Supervisor may, after 48 hour notice to the contractor, proceed to make such repairs or restorations and will deduct the cost thereof from any monies that are or may become due to the contractor.

BID SUBMISSION Sealed bids will be accepted in the County Clerk's Office no later than 1:30 p.m. on Thursday, May 27, 2021 at which time bids will be opened in the Commissioner's Office. The words "DUST CONTROL" must be clearly marked on the outside of the envelope containing said bid.

BID AWARD The County Commission reserves the right to reject any and/or all bids and may select the bid which they determine to be most advantageous.

JOHNSON COUNTY COMMISSION

NOT PRESENT

William H. Gabel, Presiding Commissioner

John L. Marr

John L. Marr, Eastern Commissioner

Charles Kavanagh

Charles Kavanagh, Western Commissioner