

January 10, 2019

To Whom it May Concern:

The County of Elko will be accepting written proposals for delivery of 2405 tons of Magnesium Chloride brine to several proposed projects in Elko County. The projects are located on the enclosed map. The bid sheet attached includes the amount of application of the brine solution on each project.

The proposal shall be for the delivery of MG Cl 2 at a 30% ( $\pm 2\%$ ) solution. The Mg Cl 2 brine shall meet the specifications listed on the attached material specification sheet. The proposal shall include two prices, valid for 7 months after its issue date.

- a) Proposal shall include all costs for product, transportation and application of the brine solution per ton of material used on project. Application will be performed by a computerized 10 wheel spreader truck.
- b) Proposal shall include all costs for product and transportation of the brine solution per ton of material used on the project.

The successful bidder shall supply the County of Elko with M.S.D.S., and any other information required by State, Local and Federal Law. A certificate of compliance from the material supplier, for each bulk material shipment, shall be transported with the material and given to the County at time of use. All material transported to the place of use shall be accompanied by a certified scale ticket.

Elko County Highway Department reserves the right to increase or decrease quantities at the same bid price.

Successful bidder, if unable to supply product in ten (10) working days of notification by Elko County, shall pay the difference in price between successful bidder and a supplier Elko County locates.

Please submit the proposals on the enclosed bid form in a sealed envelope stating:

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MgCl2 Proposal  
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**Magnesium Chloride Proposal, Do Not Open.** The envelope shall also state the company's name and address. If the proposals are mailed, the sealed envelope shall be enclosed in a properly addressed mailing envelope.

The proposal shall be hand delivered or sent to:

County of Elko  
Highway Department  
994 River Street  
Elko, Nevada 89801  
Attn. Terry Lister, Supervisor

Proposals will be accepted until 1:15 P.M. P.S.T. on February 21, 2019. Proposals received after that date and time will not be considered. Facsimile proposals will not accepted, only signed originals will be considered.

All proposals received in a timely manner, will then be publicly opened and read at 1:30 P.M. on the same day. The proposals will be opened at the Elko County Administration Office, 540 Court St. Suite 101, Elko, Nevada. Results of the bid will then be submitted to the Elko County Board of Highway Commissioners for their consideration on March 6, 2019. The Board reserves the right to accept or reject any or all proposals received.

If you have any questions please feel free to contact me.

Sincerely,

Terry Lister  
Road Supervisor

## PROJECT QUANTITIES

<b>Location</b>	<b>Road #</b>	<b>Tons</b>
South Ruby Valley Road	#788	673 tons
North Ruby Valley Road	#786	92 tons
Coal Mine Canyon Road	#742	64 tons
Old Devil's Gate Road	#745	50 tons
Lucky Nugget Road, Lower South Fork	#715 & 715 B	85 tons
Bullion Road	#720	49 tons
Section 8	#720D	40 tons
Jarbidge	#748	19 tons
Lower Lamoille Road	#706	139 tons
Pilot Valley Road	#767	396 tons
Lamoille area	#708B	176 tons
Canyon/Hog Tommy Road	#709	70 tons
Pleasant Valley Road	#710	39 tons
Pleasant Valley Estates	#712	60 tons
Rockland Dr.	#721A	8 tons
Boyd-Kennedy Road	#711	10 tons
Fort Halleck Road	#703	65 tons
Midas/Tuscarora Road	#723, #724	210 tons
Chimney Creek Road	#713	30 tons
Woods Lane	#714	40 tons
Smith Creek Road	#716	70 tons
Gun Range Road	#720L	20 tons
	<b>Total</b>	<b>2405 tons</b>

## BID FORM

Location	Price Per ton		Price Delivered & Spread
South Ruby Valley Road	\$	X 673 tons =	\$
North Ruby Valley Road	\$	X 92 tons =	\$
Coal Mine Canyon Road	\$	X 64 tons =	\$
Old Devil's Gate Road	\$	X 50 tons =	\$
Lucky Nugget Road, Lower South Fork	\$	X 85 tons =	\$
Bullion Road	\$	X 49 tons =	\$
Section 8	\$	X 40 tons =	\$
Jarbidge	\$	X 19 tons =	\$
Lower Lamoille Road	\$	X 139 tons =	\$
Pilot Valley Road	\$	X 396 tons =	\$
Lamoille area	\$	X 176 tons =	\$
Canyon/Hog Tommy Road	\$	X 70 tons =	\$
Pleasant Valley Road	\$	X 39 tons =	\$
Pleasant Valley Estates	\$	X 60 tons =	\$
Rockland Dr.	\$	X 8 tons =	\$
Boyd-Kennedy Road	\$	X 10 tons =	\$
Fort Halleck Road	\$	X 65 tons =	\$
Midas/Tuscarora Road	\$	X 210 tons =	\$
Chimney Creek Road	\$	X 30 tons =	\$
Woods Lane	\$	X 40 tons =	\$
Smith Creek Road	\$	X 70 tons =	\$
Gun Range Road	\$	X 20 tons =	\$
		<b>Total</b>	\$

Please list material Supplier Name and Address: \_\_\_\_\_

\_\_\_\_\_

Signature of Owner/Authorizing Agent \_\_\_\_\_

### **Material Specification Sheet**

The material shall meet the following Chemical Analysis:

Element	Weight Percent Range
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Mg Cl 2	28.0 – 34.0
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Cl	19.8 – 27.0
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Mg	6.8 – 9.2
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SO4	1.2 – 3.5
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Na	0.2 – 1.0
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K	0.2 – 0.8
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Li	0.1 – 0.2
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Br	0.1 – 0.2
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Fe	5 – 10 ppm
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The material shall have the following Physical Properties:

Specific Gravity	Range 1.27 - 1.36
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