



www.townofberry.org

9046 State Road 19, Mazomanie, WI 53560, 608-767-4152, twnberry@chorus.net

Request for Proposals Premium Diesel Fuel

Objective of this RFP: To receive proposals for Summer and Winter Premium Diesel Fuel Contract

Proposals Due: December 8, 2017

Term of Contract: January 1, 2018 – December 31, 2018

Specification Recommendations for Summer Premium Diesel Fuel:

Successful bidder will include a manifest from terminal indicating a terminally injected fuel product.

Cetane Level: An indicator of the combustion speed of diesel fuel and compression needed for ignition. The higher the cetane number the quicker the fuel will ignite. Must have a cetane number of at least 48.

Detergency: Two are required:

1. Detergent component: Attacks the deposits and helps break up the particles that create deposits for a cleaner flow of fuel throughout the fuel system.
2. Injection Stabilizer: Delivers high level of detergency that will act as both an antifoulant and detergency package. Protects fuel from coking, when exposed to extreme pressure and heat generated by the HPCR engine. It must show the ability to prevent and clean-up IDID deposits that include soap/metal carboxylates, carbonaceous and amide laquer.

Lubricity: Friction-reducing agents providing better protection against friction and wear on the fuel pump than typical #2 diesel fuel. Fuel must have a 460 HFRR (wear scar measurement). All fuels are currently required to have a 520 HFRR. The lower the score the more effective the lubricity improver.

Demulsifier: Demulsifiers force water to the bottom of the tank, allowing for easy drainage and removal. This prevents unwanted moisture from being carried through the fuel system and reduces the volume of water entering the combustion chamber. Fuel must contain a demulsifier to separate water versus an emulsifier that disperses water through the fuel.

Storage Stabilizers: Reduces gum and varnish buildup and contains components to extend the storage life of the diesel fuel. Fuel must contain a stabilizer to sustain fuel integrity for an additional 6-9 months. Most distillate begins to deteriorate at 3-5 months depending on the storage facility/tank.

Corrosion Inhibitor: Prevents the formation of rust on metal parts of the fuel system. Fuel must achieve an A rating on the NACE corrosion test.

Specification Recommendations for Winter Premium Diesel Fuel:

Same as Summer Premium Diesel Fuel plus a cold flow improver and 30% #1 diesel.

Proposals shall be submitted to: Town of Berry, 9046 State Road 19, Mazomanie, WI 53560
Contact Brenda Kahl, Clerk/Treasurer at 608-767-4152 or twnberry@chorus.net with questions.