



Diesel Exhaust Fluid Specification (DEF)

GENERAL INFORMATION

The Greater Dayton Regional Transit Authority (RTA) is seeking quotes for the purchase and delivery of Diesel Exhaust Fluid (DEF) in totes or bulk for three (3) year contract with using +/- of the quarterly based pricing on the NOLA metric ton quarterly pricing index for urea. The award will be based on whatever pricing model is in the best interest of the RTA. The contract will be for one (1) year, with two (2) option years. The DEF fluid will be delivered to:

1. 600 Longworth Street Dayton OH 45402
2. 601 Longworth Street Dayton OH 45402

It is estimated that the RTA will use approximately 33,000 gallons per year. This is only an estimate and is not a guarantee of potential use. Usage estimates range from 2% to 4% of fuel consumption for the transit industry, so the quantity above should be understood to be an estimate only.

TECHNICAL REQUIREMENTS

The DEF supplied by the vendor **must** meet the following requirements:

1. The fluid must have a concentration of 32.5% +/- 0.7% Urea by weight.
2. The fluid must have a concentration of 67.5% de-ionized water.
3. The fluid must meet International Standard ISO 22241-1 for diesel engines.
4. The fluid must be certified by the American Petroleum Institute (API).
5. Cummins Service Bulletin 4021566 – Diesel Exhaust Fluid Specifications for Cummins SCR Systems
6. ALL of the above requirements must be met and documentation must be provided in the bid.
7. RTA will periodically conduct fluid analysis to ensure the product meets the required specifications.

Accompanying this specification is the Cummins Service Bulletin 4021566, with a last modified date of 1-22-21, from the Cummins Quick Serve website which provides detailed information about the requirements of DEF used in Cummins engines. The vendor is expected to meet the Cummins requirements.

NOTE: There are NO acceptable substitutes for the above requirements.

DELIVERY

The vendor is required to deliver necessary quantities to RTA within 48 hours of an order being placed for DEF. Based on current usage, RTA is requesting that vendors be setup for fixed periodic deliveries to be established once the award is made. An example may be that the vendor delivers “x” amount every 2 weeks.

WARRANTY

The DEF delivered to RTA will meet the above requirements and if it is found to not meet the requirements, the vendor will pay for the cleaning of the storage tanks and any associated emissions system and/or vehicle repairs that arose due to the vendor’s failure to meet the details of this specification.

OTHER

1. Invoicing for DEF supplied to RTA shall be in accordance with the terms set forth in the contract award.