

Invitation for Bid

Laboratory Testing of Gasoline and Diesel Fuel and Related Support

Amendments issued February 8, 2010 and Final Revision - February 11, 2010

1. The test protocol for Gas Full (page 4) is amended to reference ASTM D 5599 in place of the GC-OFID method as follows:

Protocol: Gas Full (Octane and Other Parameters)

<u>Description</u>	<u>Test Method</u>
Research Octane Number	ASTM D 2699
Motor Octane Number	ASTM D 2700
Anti-knock Index (R+M)/2 Octane	ASTM D 4814 (average of above tests)
Distillation	ASTM D 86
Driveability Index	ASTM D 4814 (calculated from Distillation data)
Sulfur	ASTM D 2622
Benzene	ASTM D 3606
Oxygenates	ASTM D 4815* or D 5599
Vapor Pressure	ASTM D 5190 or D 5191
API Gravity	ASTM D 4052 or D 1298
Temperature - V/L=20	ASTM D 4814 (Procedure X2.2)

*This method also requires measurement of relative density of the gasoline by ASTM D4052 or D1298. The contractor must maintain correlation of this method to the D 5599 method or, in the future, demonstrate accuracy using performance based quality assurance programs accepted by EPA per 40 CFR 80.46.

2. The test protocol for Diesel Fuel (page 4) is amended to allow method D 4052 for API gravity as follows:

Protocol: Diesel Fuel

<u>Description</u>	<u>Test Method</u>
Flash Point	ASTM D 93
Distillation	ASTM D 86
API Gravity	ASTM D 287 or D 1298 or D 4052
Cetane Index	ASTM D 976
Aromatics	ASTM D 1319
Sulfur	ASTM D 7039 or D 5453

3. The test protocols for Biodiesel (page 5) is amended to correct the ASTM reference number for test method for glycerin (D 6584) as follows:

Protocol: Bio-Diesel (B100)

<u>Description</u>	<u>Test Method</u>
Flash point	ASTM D 93
Water and sediment	ASTM D 2709
Total glycerin	ASTM D 6584
Free glycerin	ASTM D 6584
Acid number	ASTM D 664

4. The last paragraph in the section titled Test Protocols that appears near the bottom of page 5 of the IFB is amended as follows:

The Department may modify at any time any test protocol or portion thereof. If such modification results in a different cost to the contractor, such differences shall be resolved through negotiation between the contractor and the Department and shall be reflected in the price paid for the tests. The Department may also request a limited number of incidental tests be performed on samples submitted to the contractor that are not specifically outlined in the IFB. The price for these tests shall be negotiated between the contractor and the Department and the price will be confirmed in writing before the tests are performed.

End of Amendments