

CRC Project AVFL-29-2 RFP Q & A Part 2

(3.5.19)

1. Can we get a copy of the RW-107 report?

The Report is not yet approved for release. The Project Leadership notes it is not necessary to view the content in this report to respond to this request for proposal.

2. How many labs will be necessary for this RFP? Is there a minimum number needed to move forward?

At least SSI, SWRI, and CRC member company labs that volunteer. Additional labs are desired, but not absolutely necessary.

3. Once the gallons of fuel are received, how will the samples for analysis be aliquoted for the test labs? Will it be necessary to put the samples in ampules that have been nitrogen purged and flame sealed?

Ampules are not necessary. But if the contractor thinks there is a significant advantage, they can propose ampules or make it an option in their proposal.

4. Will each lab be able to test a “performance check” ampule as well as the gasoline samples?

If the performance check ampule makes data analysis/comparison easier, the contractor can propose that method. Note that the project objective is to study “common practice” with regards to DHA analysis and PMI calculation. So if the purpose of the performance check is to “correct” the DHA analysis before testing, this may be defeating the purpose of the project. But if the test lab routinely runs their own performance check samples before DHA analysis, this would represent their standard practice and would be acceptable.

5. Will the testing labs be using a common terminology for peak identification? If not, can that be addressed before the testing begins?

We expect the labs to be using whatever terminology they normally use, which will not be standardized. However, suggestions regarding how to standardize the terminology before start of testing are welcome.

6. Will the variation in the results be determined for the DHAs from each lab using their calculation methods and the DHAs from each lab using the CRC PMI calculator?

Yes, The objective is to determine how well PMI agrees between labs. We plan to do this for each gasoline sample by: a) Ask the lab to calculate PMI using their in-house method (if they have such a method). b) Calculate PMI for DHA from each lab using the CRC PMI calculator tool. c) Calculate PMI based on the advanced DHA method developed in AVFL-29 phase 1 project. d) Compare PMI calculated in a) b) and c). If there are small differences, we are done! If there are significant differences, then compare DHA to find out where the differences arise.

7. Will the contractor be able to provide details of their PMI calculations on a per-compound basis?

We can ask for this, but may not get it in all cases.

8. Can we get an electronic version of the CRC calculator?

Yes. Here is the link to the file on the CRC website: [LINK](#)

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9. Will the variation in results be for just the PMI?

Just PMI for samples with small error. For samples with larger PMI error, we want to determine the root cause from the DHA results. See answer to question #6 above.

10. Will the variation in the PIONA be determined?

This is not a project objective, but would be nice to know if it can be readily determined from the data.

11. What's the expected time frame for this work?

Several months. Contractor can propose how long they think it will take.

12. Are the intellectual property rights, "Inventions" negotiable?

CRC can offer alternate intellectual property clauses that either grant CRC and its members a royalty-free license to any inventions in perpetuity, or to place all inventions in the public domain.