

POTENTIAL TO INCREASE OIL PRODUCTION AND HYDROCARBON LIQUIDS USING CO2 IN US SHALES IN THE FOLLOWING GEOLOGICAL FORMATIONS: CANA-WOODFORD SHALE IN THE ANADARKO BASIN, NIOBRARA SHALE IN THE DJ BASIN, AND THE MOWRY SHALE IN THE POWDER RIVER BASIN

RFP #DE-FE- 0024159-20-01

RFP Closing Date: December 18, 2020

Responses to Questions Received by December 11, 2020

- 1. Q: One question I have is there an specific funding level for this call?**

A: USEA seeks proposals that provide the best value.

- 2. Q: Does this proposal have requirement for the duration of the project?**

A: Our hope is to have this project completed by the end of September 2021.

- 3. Q: The proposal requires studies for three basins, is it possible to propose a study on one of the basin instead of three due to the resource constraints?**

A: Our expectation is all three basins will be covered in the study.

- 4. Q: Is it possible to have the proposal to cover three basins sequentially? This will allow people to finish three basins with limited resource, but with longer duration of the project.**

A: Please see answers to #2 and #3 above.

- 5. Q: Are there any existing databases on these basins within DOE that could be shared with our team if funded?**

A: USEA will do its best to facilitate information sharing with DOE.

- 6. Q: Is it possible to include indirect cost, such as software (simulation, database access) license fee and IT support, in the proposal?**

A: Please include all costs that would be required for you to complete this study.

- 7. Q: Could you provide the reasons why these three basins were selected? Why not Permian, EagleFord, Bakken, or even the Niobrara shale/Turner sand in Powder River Basin?**

A: USEA has already completed this work which can be found here:

<https://usea.org/publication/increasing-shale-oil-recovery-and-c02-storage-cyclic-c02-enhanced-oil-recovery>

- 8. Q: Is it possible to be part of the program by just providing the inputs/ideas/data?**

A: USEA will consider the participation of pro-bono volunteers after vetting the expertise of individuals as well as any data offered. There is no guarantee this would be incorporated into

the report. As such, if you feel you have expertise and data that would be valuable to the report, we suggest you seek to partner on the proposal.

9. Q: What is the expected award size?

A: Please see the answer to #1.

10. Q: What is the anticipated range of funding that you plan to grant?

A: Please see the answer to #1

11. Q: Will you identify one or multiple recipients?

A: USEA will identify one recipient.

12. Q: Is this RFP meant for a consulting company, academia, or both?

A: USEA is agnostic to the type of organization to complete this project.

13. Q: Would this lead to a larger research project?

A: Currently, no follow-up work is planned by USEA.

14. Q: Would the findings be used to also lobby for new research calls by DOE?

A: The findings will be used to inform the public of the potential issues and opportunities of managing CO₂ and extending the lives of these basins.

15. Q: Is the due date for the final report September 2021?

A: Yes

16. Q: How is this study going to be used?

A: Please see the answer to #14.