

Information and/or Questions and Answers to DARPA-BAA-08-58 Coal to Liquids (CTL)

In order to assist with the development of proposals, the following general comments are provided:

- 1) One can assume that clean electrical energy is available. While the energy is available one can not assume it is free, and must account for the costs of electrical power in price estimates.
- 2) When identifying the component technologies clearly delineate what is new and unique about your approach, and what components are proven industrial processes.
- 3) Identify the scalability of proposed technologies; if approach is dependant on a technique that has only been demonstrated at small scales please indicate why it can be extend to the production sizes required by the BAA.
- 4) Clearly identify how much coal will be used and how much fuel will be produced for a given amount of the proposed hydrogen source, i.e. clearly identify how many units of inputs are required to produce a given unit of output,
- 5) It is important to remember that this solicitation is focused on innovative clean coal to liquid conversion technologies. Of primary interest are proposals that explore innovative coal to liquid conversion technologies that have net zero carbon dioxide emissions by avoiding the production of carbon dioxide altogether. Proposals that separate and reutilize carbon dioxide as an integral part of a novel coal to liquid conversion process that results in a net zero carbon dioxide emission may be of interest under this BAA. Proposals focused on investigating carbon dioxide sequestering methods in order to reduce emissions for existing coal to liquid conversion technologies are not of interest under this BAA.

Please take the time to review the Q&A section it was posted to assist you in responding to this solicitation.