

**Operation of DUF6 Conversion Facilities
Request for Proposal DE-SOL-0007016
Questions and Answers #1**

No.	Final RFP Section	Industry Question	DOE Answer
1.	Section A, SF-33	Block 9: "See Provision L.17" does not display the number of copies. Should this be "L.21?"	Correct, it should be L.21. An upcoming amendment will reflect this change.
2.	Section B.2 (c)	CLIN 0003 - Cylinder Management - Firm Fixed Price The table specifies that a "Unit Price per Month" be provided for 60 months. Since the fixed price for each FY will be different, should the table be modified to reflect?	The table is correct as written.
3.	Section B.2 (d) and L.24(d)	CLIN 0004 - Pension and Benefits Costs In the DOE provided costs, on page L-29, it reads "Pensions and Benefits-\$3M per year (total)." However, in the table for CLIN 0004 on page B-3, the Estimated Cost is shown as \$3 million. If this cost is \$3 million per year, we believe the table in section B.2 should be \$15M. Please clarify.	The cost is \$15 million. An upcoming amendment will reflect this change.
4.	Section B.2 (d) and L.24(d)	Clause B.2 (d) indicates that the Offerors are to enter a cost of \$3,000,000 for Defined Benefit Pension Costs for the 60-month contract period. Clause L.24 (d) provides as a DOE Provided Cost, "Pensions and Benefits - \$3M per year (total)." Is the mandated cost of 3M a total cost over the life of the contract as indicated in Section B, or an annual cost as indicated in Section L?	See answer to Question #3
5.	Section B.6	Funding Profile. Clause B.6 states that the funding profile is "TBD" and will be provided upon contract award. But Clause L.24 (k) provides a full funding profile by contract year. We assume that the funding profile in L.24 (k) is the same funding profile referenced in B.6. Is this correct?	The funding profile on clause L.24 (k) is provided for proposal preparation purposes only. Once the contract is awarded, Section B.6 will reflect the most recent Funding Profile at time of award.
6.	Section C	What is the current sustained throughput for each conversion line in each plant?	See chart of metric tons of DUF6 processed monthly, posted on the documents library at: https://www.emcbc.doe.gov/SEB/DUF6/Document%20Library.php

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7.	Section C	Has either plant operated at 100% capacity during which time the BOP systems functioned at their designed capacity? If so, for how many days or weeks?	See chart of metric tons of DUF6 processed monthly, posted on the documents library at: https://www.emcbc.doe.gov/SEB/DUF6/Document%20Library.php
8.	Section C.4.1	Please provide current production rates in 2015.	See chart of metric tons of DUF6 processed monthly, posted on the documents library at: https://www.emcbc.doe.gov/SEB/DUF6/Document%20Library.php
9.	Section C.4.1	Please provide number and type of cylinders processed per day, on average.	Cylinders typically contain around 12 metric tons of DUF6. See chart of metric tons of DUF6 processed monthly posted on the documents library.
10.	Section C.4.1	Please provide production rates per Facility, per month, over the life of the contract.	See chart of metric tons of DUF6 processed monthly, posted on the documents library at: https://www.emcbc.doe.gov/SEB/DUF6/Document%20Library.php
11.	Section C.4.1	Please provide number of cylinders fed/processed in 2014 at Paducah.	See chart of metric tons of DUF6 processed monthly, posted on the documents library at: https://www.emcbc.doe.gov/SEB/DUF6/Document%20Library.php
12.	Section C.4.1	Please provide number of cylinders fed/processed in 2014 at Portsmouth.	See chart of metric tons of DUF6 processed monthly, posted on the documents library at: https://www.emcbc.doe.gov/SEB/DUF6/Document%20Library.php
13.	Section C.4.1	Please provide number of cylinders that meet $\leq 0.25\%$ assay at each facility by cylinder yard.	There are 19,134 such cylinders at Paducah, and 8,199 at Portsmouth.
14.	Section C.4.9	Section C.1 specifies that transportation and disposition of UOx, if required, will be under a separate task. C.4.9 that "All waste shall be processed, packaged and certified to meet the waste acceptance criteria (WAC) at the federal disposal	Oxide disposal is not part of the current contract. Modified cylinders are used to store the oxide. These modified cylinders are expected to be used as the waste containers for disposal. Any change from this will be addressed as part

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		<p>facility..." and further that "if another licensed LLW repository is chosen ... the Contractor shall be responsible for disposition activities"..</p> <p>Please confirm that no disposition (Manifesting, loading , transportation and disposal) for the UOX product is covered by the tasks in this procurement.</p> <p>It is presumed that the facility currently identified for UOx disposition is NNSS, and waste is being packaged to meet the expected WAC. Should the WAC requirements change, or should a different facility with a different WAC be chosen by DOE, will the costs associated with modifying the waste containers that have been generated at the time of the change would be covered under that separate task, and not this procurement?</p>	<p>of the oxide disposal task.</p>
15.	Section C.6.1.1	<p>This paragraph states that the Project Management Plan should be consistent with section H.6.6 "Integrated Contractor Work Control Systems and Reporting Requirements (July 2012)." Section H.6.6 is Partnering. Please clarify.</p>	<p>Integrated Contractor Work Control Systems and Reporting Requirements is clause H.54 of the final RFP. An upcoming amendment will reflect this change.</p>
16.	Section H.1 (a)	<p>"Product" means any saleable material that results from the DUF6 conversion process, includingCalcium Fluoride (CaF2). Has CaF2 been sold to date? If so, is there a contract in place? What was the 2014 generation rate for saleable CaF2? Please provide documents in support of the previous sale.</p>	<p>There has been no CaF2 sold to date.</p>
17.	Section L.2 (d)	<p>L.2 (d) refers to "Valid for the number of days specified on the solicitation cover sheet"; it is not stated on SF33.</p>	<p>The offer acceptance period is 360 days as stated in provision L.8. An upcoming amendment will reflect the change to the SF33.</p>

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18.	Section L.20	Clause L.20 states that questions may be submitted up to 21 days before proposal due date, which would be October 16. The cover letter states that the deadline for questions is October 8. Please clarify.	Questions are due October 8, per the cover letter. Section L.20 will be revised in an upcoming amendment.
19.	Section L.21 (a)	".....in sections L.26, L.27, L.28" These sections no longer exist, should the correct sections be L.22, L.23, and L.24?	This is correct. An upcoming amendment will modify Section L accordingly.
20.	Section L.21 (f)	Clause L.21(f) excludes the Past Performance and Experience Reference Information Forms, but does not mention the List of Terminated Contracts (Attachment L-4). We assume that the information regarding terminated contracts is also excluded from the page limitation. Is this correct?	Attachment L-4, List of Contracts Terminated for Convenience or Default, is NOT excluded from the Volume II page count.
21.	Section L.21 (t)	This Section states "If there are any inconsistencies between the language in L.2 and this provision; L.25 shall take precedence." Please clarify whether this should read "If there are any inconsistencies between the language in L.2 and this provision, L.21 shall take precedence."	The RFP should refer to section L.21 in this instance. An upcoming amendment will reflect this change.
22.	Section L.22 (g)	This clause requests "Offerors that submit a proposal as a Joint Venture and/or LLC and/or Other Teaming Arrangement shall provide full and complete information on each of the participating members/companies, as well as the proposed organization itself." Would DOE please clarify what is meant by "full and complete information on each of the participating members/companies?"	As stated in Section L.22 (g) "If the Offeror's proposed organization is a joint venture, newly-formed Limited Liability Company (LLC), or other similar entity where more than one company is involved in a business relationship created for the purpose of performing under a resultant contract, the Offeror shall provide a complete copy of the teaming agreement(s) and operating agreement (if applicable) that describes the business arrangement between the entities. Proposals received from a joint venture, team or LLC shall identify the one member/partner that will have a majority interest and be responsible for the Offeror's actions. The Offeror shall also provide copies or drafts of any

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			applicable mentor/protégé agreements or arrangements, and/or arrangements with major subcontractors. After award, DOE reserves the right to require consent to subcontract(s) for each of the proposed major subcontractors or participating members/companies in accordance with FAR 52.244-2, Subcontracts (Section I)."
23.	Section L.23 –Criterion 1	<p>The RFP states "The Offeror... shall submit an Attachment L-2... Form for three (3) contracts or projects." With the offeror as the subject of the sentence, this states that there are only 3 projects per team (as defined in FAR 9.601(1)).</p> <p>We assume that the statement, "including each entity participating in the teaming arrangement thereof as defined by FAR 9.601(1)" provides further definition of the offeror and that it is not intended that each entity provide 3 past performance forms.</p> <p>We assume that all offerors (that have no major subcontractors) , regardless of the number of JV participants will submit only 3 forms.</p> <p>We assume that a team led by a single entity with 2 major subcontractors can submit a total of 7 forms; whereas, a team comprised of 4 joint venture participants can submit a total of 3 forms.</p> <p>Are these assumptions correct?</p>	<p>As stated in provision L.23 1) the Offeror, including each entity participating in the teaming arrangement shall submit an Attachment L-2 for three (3) contracts or projects and each of the Offeror’s major subcontractor(s), proposed to perform work with a value of \$30 million or more over the contract period, shall submit an Attachment L-2 for two (2) contracts or projects.</p> <p>This means that an Offeror will submit 3 contracts/projects per entity if they are part of a teaming arrangement and 2 contracts/projects per entity if their role will be major subcontractor.</p> <p>As an example, if your team is comprised of 3 companies/entities you will need to submit 9 contracts/projects. If your team is comprised of 2 companies/entities and you have one major sub (over 30M) then you will have to provide 8 contracts/projects.</p>
24.	Section L.23 – Criterion 2	Can DOE please increase the total page count from 75 to 100 pages or exclude the Transition Operations Plan from page count?	The Transition Operations Plan (TOP) is NOT excluded from the page count.

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25.	Section L.23 – Criterion 2	This clause references ". . . management and disposition of all wastes in conformance with requirements of Sections C.4 and C.5." Since C.5 is now the new PWS section dealing with Plant Modifications, we assume that the correct reference in this case is Sections C.4 and C.6. Is this correct?	That is correct, the correct references are C.4 and C.6. An upcoming amendment will reflect this change.
26.	Section L.23 – Criteria 1 & 4	Please confirm that, for an LLC, each of the LLC partners may submit 3 project descriptions.	<p>As stated in provision L.23 1) the Offeror, including each entity participating in the teaming arrangement shall submit an Attachment L-2 for three (3) contracts or projects and each of the Offeror's major subcontractor(s), proposed to perform work with a value of \$30 million or more over the contract period, shall submit an Attachment L-2 for two (2) contracts or projects.</p> <p>This means that an Offeror will submit 3 contracts/projects per entity if they are part of a teaming arrangement and 2 contracts/projects per entity if their role will be major subcontractor.</p> <p>As an example, if your team is comprised of 3 companies/entities you will need to submit 9 contracts/projects. If your team is comprised of 2 companies/entities and you have one major sub (over 30M) then you will have to provide 8 contracts/projects.</p>
27.	Section L.23 – Criteria 1 & 4	We understand the instruction to mean that the information to be provided with the written proposal under Criterion 1 includes copies of the completed L-2 forms and copies of the L-3 forms as submitted to our project points of contact and that identical L-2 forms will be also provided in response to Criterion 4. Please confirm.	The Offeror shall submit only one set of L-2 forms per contract or project and they will be used for both Criterion 1 and 4.

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28.	Section L.24 (d)	DOE has provided a substantial number of DOE-provided costs, but we request that DOE also provide an established number for all operations-related materials and supplies. The incumbent has direct knowledge of materials and supplies on hand, including the extent of available spare parts and overall warehouse inventory. This knowledge could result in their ability to provide a substantially lower cost for these items. A DOE-provided cost for this item would remove the competitive advantage currently provided to the incumbent.	See the file entitled "WBS with Budgeted Costs" posted in the documents library at: https://www.emcbc.doe.gov/SEB/DUF6/Document%20Library.php
29.	Section L.24 (d)	Offerors should assume proceeds from the sale of HF... are offset by costs associated with producing the HF. Please provide a copy of the Solvay subcontract to be novated. When does the subcontract end? Are there limits on quantity contracted for? Does the sales price escalate or is it tied to an index? If the subcontract ends during the period of performance, are we expected to renegotiate it or initiate a reprocurement? Does Solvay provide any operational support as part of the subcontract? Who is responsible for equipment (railcars/trucks) and transportation costs as a part of the sales agreement?	See the Solvay agreements posted in the documents library at: https://www.emcbc.doe.gov/SEB/DUF6/Document%20Library.php
30.	Section L.24 (d)	Secondary Waste Transportation and Disposal ...\$700K for both sites.. How should those costs be split for estimating purposes, for example, should we assume \$100K per line?	See the file entitled "WBS with Budgeted Costs" posted in the documents library at: https://www.emcbc.doe.gov/SEB/DUF6/Document%20Library.php
31.	Section L.24 (d)	No costs have been provided for maintenance and operating supplies. Please provide costs for those categories for the two sites, or provide historical information related to those costs to serve as a basis for our estimates.	See the file entitled "WBS with Budgeted Costs" posted in the documents library at: https://www.emcbc.doe.gov/SEB/DUF6/Document%20Library.php
32.	Section L.24 (h) (v)	This clause references Project Support as PWS Section C.5. We presume this should be Section C.6. Is this correct?	That is correct. An upcoming amendment will reflect this change.

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33.	Attachment L-1	The resume format requests that we provide the compensation level of every position a key person has held in the employment history section of the resume. Please consider removing the requirement for compensation in the Resume Form, Attachment L-1.	This requirement will be removed, compensation should NOT be included in the resume form L-1. The attachment will be replaced to reflect this change.
34.	Site Tour	Located adjacent to the conversion building is a cylinder storage area to allow for the decay of short lived isotopes. This yard contained between 250 and 300 cylinders. How long does it take for an individual cylinder to decay to the point where it can be modified for an oxide storage function?	Cylinders remain in the aging yard for a minimum of 45 days.
35.	Site Tour	Are there facilities and equipment for the use and loading of alternative oxide transport and disposal containers (other than cylinders)?	No.
36.	Site Tour	We observed specialized equipment for the ultrasonic cleaning of filters. How often does these filters require cleaning?	Three times per year.
37.	Site Tour	We observed specialized equipment for the cleaning of the distributor plate. How often do these plates require cleaning?	Three times per year.
38.	Site Tour	Are there pipe wall thickness readings for the solids conveying lines? If so, please provide the latest pipe wall thickness.	No, these are not available.
39.	General	Please provide a copy of the current Baseline for the two operating facilities.	See the file entitled "WBS with Budgeted Costs" posted in the documents library at: https://www.emcbc.doe.gov/SEB/DUF6/Document%20Library.php
40.	General	While DOE has provided an assumption for the costs of facility modifications, no estimate for maintenance has been similarly estimated. Please either provide an assumption of the cost of facility maintenance or provide detailed information on the number and types of maintenance tickets for the past four years.	See the file entitled "WBS with Budgeted Costs" posted in the documents library at: https://www.emcbc.doe.gov/SEB/DUF6/Document%20Library.php