

Exhibit A

Contract Data Requirements Listing

SUMMARY OF DATA ITEMS

The following CDRLs are representative of those that may be dictated by an individual Task Order. This list is not meant to be exhaustive or inclusive of all that may be required, referenced, or otherwise identified within a given Task Order. The Government may require that a CDRL comply with a specific DID or Military Standard, even if the DID or Standard has been rescinded, cancelled, or exists only in a draft form. The government COR and/or assigned Task Order Manager may likewise require the Contractor to comply with an identified industry or commercial standard.

CONTRACT DATA REQUIREMENTS LIST Form Approved

OMB No. 0704-0188

Public reporting burden for this collection of information is estimated to average 440 hours per response, including the time for reviewing instructions, searching existing data sources, gathering and maintaining the data needed, and completing and reviewing the collection of information. Send comments regarding this burden estimate or any other aspect of this collection of information, including suggestions for reducing this burden, to Department of Defense, Washington Headquarters Services, Directorate for Information Operations and Reports, 1215 Jefferson Davis Highway, Suite 1204, Arlington, VA 22202-4302, and to the Office of Management and Budget, Paperwork Reduction Project (0704-0188), Washington, DC 20503. Please DO NOT RETURN your form to either of these addresses. Send completed form to the Government Issuing Contracting Officer for the Contract/PR No. listed in Block E.

- A. CONTRACT LINE ITEM NO.:
 - B. EXHIBIT : A
 - C. CATEGORY.....:
 - D. SYSTEM/ITEM.....: Blast Redirection through Energy Absorption or Deflection (BREAD)
 - E. CONTRACT/PR NO.:
 - F. CONTRACTOR.....:
-
-

1. DATA ITEM NO.: A001
2. TITLE OF DATA ITEM : Contractor's Management and Status Report
3. SUBTITLE: Weekly Situation Reports (SITREP)
4. AUTHORITY: DI-MGMT-80227
5. CONTRACT REFERENCE: C.3.4.1, C.5.1
6. REQUIRING OFFICE: RDTA
7. DD250 REQ : LT
8. APP CODE : N/A
9. DIST. STATEMENT REQUIRED: SEE BLOCK 16
10. FREQUENCY : SEE BLOCK 16
11. AS OF DATE: SEE BLOCK 16
12. DATE OF FIRST SUB:SEE BLOCK 16
13. DATE OF SUBS. SUB:SEE BLOCK 16
14. DISTRIBUTION ADDRESSEES: SUBMIT REPORTS ELECTRONICALLY TO THE E-MAIL ADDRESSES SHOWN IMMEDIATELY BELOW:

James Park, POC. james.m.park24.civ@mail.mil
Heather Masden, COR, heather.m.masden.civ@mail.mil

15. TOTAL:
16. REMARKS:

- a. The Contractor shall deliver Weekly Situation Reports (SITREP) electronically in a Word document to the addresses in Block 14.
- b. The first submission shall be no later than seven (7) calendar days after the Start of Work Meeting. Subsequent submissions shall be no later than seven (7) calendar days after the prior weeks' submission.
- c. Each SITREP shall include the following: current accomplishments; events to be completed; and associated timelines. The Contractor shall address the technical performance related to blast impulse reduction of the concept; schedule and budget information since the previously submitted SITREP.
- d. The Contractor shall include the following statement on all submissions, "Distribution Statement D: Distribution authorized to the Department of Defense and U.S. DoD Contractors only."

17. PRICE GROUP:
 18. ESTIMATED TOTAL PRICE:
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1. DATA ITEM NO.: A002
2. TITLE OF DATA ITEM : Presentation Material
3. SUBTITLE: Design Review Presentation
4. AUTHORITY: DI-ADMIN-81373
5. CONTRACT REFERENCE: C.4.6, C.5.2
6. REQUIRING OFFICE .: RDTA
7. DD250 REQ : LT
8. APP CODE : N/A
9. DIST. STATEMENT REQUIRED: SEE BLOCK 16
10. FREQUENCY : SEE BLOCK 16
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Heather Masden, COR, heather.m.masden.civ@mail.mil

15. TOTAL:
16. REMARKS:

a. The Contractor shall deliver Design Review Presentations material electronically to the addresses in Block 14.

b. Design Review Presentations shall be delivered five (5) business days prior to all scheduled Concept Review Meetings. A final Design Review Presentation shall be delivered to the addresses in Block 14 no later than five (5) business days after all scheduled Concept Review Meetings to include all changes discussed during each meeting.

c. The Contractor shall include the following statement on all submissions, "Distribution Statement D: Distribution authorized to the Department of Defense and U.S. DoD Contractors only."

17. PRICE GROUP:
 18. ESTIMATED TOTAL PRICE:
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1. DATA ITEM NO.: A003
2. TITLE OF DATA ITEM : Report, Record of Meeting/Minutes
3. SUBTITLE: Meeting Minutes
4. AUTHORITY: DI-ADMIN-81505
5. CONTRACT REFERENCE: C.4.1, C.4.2, C.4.3, C.4.4, C.4.5, C.5.3, C.9.1.2.2, C.9.2.2.1, C.9.3.2.1
6. REQUIRING OFFICE .: RDTA
7. DD250 REQ : LT
8. APP CODE : N/A
9. DIST. STATEMENT REQUIRED: SEE BLOCK 16
10. FREQUENCY : SEE BLOCK 16
11. AS OF DATE: SEE BLOCK 16
12. DATE OF FIRST SUB: SEE BLOCK 16
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Heather Masden, COR, heather.m.masden.civ@mail.mil

15. TOTAL:
16. REMARKS:

- a. The Contractor shall prepare and deliver Meeting Minutes electronically in a Word document to the addresses in Block 14.
- b. Meeting Minutes shall be delivered no later than five (5) calendar days after each Review Meeting.
- c. The Contractor shall include the following statement on all submissions, "Distribution Statement D: Distribution authorized to the Department of Defense and U.S. DoD Contractors only."

17. PRICE GROUP:
 18. ESTIMATED TOTAL PRICE:
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-
1. DATA ITEM NO.: A004
 2. TITLE OF DATA ITEM : Conference Agenda
 3. SUBTITLE: Agenda
 4. AUTHORITY: DI-ADMN-81249A
 5. CONTRACT REFERENCE: C.4.3, C.4.4, C.5.4
 6. REQUIRING OFFICE .: RDTA
 7. DD250 REQ : LT
 8. APP CODE : N/A
 9. DIST. STATEMENT REQUIRED: SEE BLOCK 16
 10. FREQUENCY : SEE BLOCK 16
 11. AS OF DATE: SEE BLOCK 16
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Heather Masden, COR, heather.m.masden.civ@mail.mil

15. TOTAL:

16. REMARKS:

a. The Contractor shall deliver Conference Agenda(s) electronically in a Word document to the addresses in Block 14.

b. The first submission shall be no later than five (5) calendar days prior to the scheduled meeting. Subsequent submissions shall be no later than five (5) calendar days prior to the scheduled meeting.

c. The Contractor shall include the following statement on all submissions, "Distribution Statement D: Distribution authorized to the Department of Defense and U.S. DoD Contractors only."

17. PRICE GROUP:

18. ESTIMATED TOTAL PRICE:

1. DATA ITEM NO.: A005
2. TITLE OF DATA ITEM : Scientific and Technical Reports
3. SUBTITLE: Manufacturing Steps and Process
4. AUTHORITY: DI-MISC-80711A
5. CONTRACT REFERENCE: C.3.2, C.3.4.2, C.5.5, C.9.2.3.1
6. REQUIRING OFFICE .: RDTA
7. DD250 REQ : LT
8. APP CODE : N/A
9. DIST. STATEMENT REQUIRED:
10. FREQUENCY : SEE BLOCK 16
11. AS OF DATE: SEE BLOCK 16
12. DATE OF FIRST SUB: SEE BLOCK 16
13. DATE OF SUBS. SUB: SEE BLOCK 16
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Heather Masden, COR, heather.m.masden.civ@mail.mil

15. TOTAL:

16. REMARKS:

a. The Contractor shall deliver the draft and final Scientific and Technical Report electronically in a Word document to the addresses in Block 14.

b. The Contractor shall deliver the draft Scientific and Technical Report no later than four (4) months after the contract award date. The COR will review and provide comments within fifteen (15) calendar days of draft submittal. The Contractor shall deliver the final Scientific and Technical Report no later than thirty (30) calendar days from receipt of draft report with comments.

c. The Contractor shall include in the draft and final report Standard Form (SF) 298 (Report Documentation Page) as the report's cover.

d. The Contractor shall include the following statement on all submissions, "Distribution Statement D: Distribution authorized to the Department of Defense and U.S. DoD Contractors only."

17. PRICE GROUP:

18. ESTIMATED TOTAL PRICE:

1. DATA ITEM NO.: A006
2. TITLE OF DATA ITEM : CAD Models and Blast Modeling Results
3. SUBTITLE: 3-D CAD
4. AUTHORITY: DI-SESS-81000E
5. CONTRACT REFERENCE: C.3.1.1, C.3.4.3. C.5.6
- REQUIRING OFFICE .: RDTA
7. DD250 REQ : LT
8. APP CODE : N/A
9. DIST. STATEMENT REQUIRED: SEE BLOCK 16
10. FREQUENCY : SEE BLOCK 16
11. AS OF DATE: SEE BLOCK 16
12. DATE OF FIRST SUB: SEE BLOCK 16
13. DATE OF SUBS. SUB: SEE BLOCK 16
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Heather Masden, COR, heather.m.masden.civ@mail.mil

15. TOTAL:
16. REMARKS:

- a. The Contractor shall deliver the draft designs, drawings and models to the COR no later than five (5) business days before each Design Review Meeting
- b. The Contractor shall deliver the final designs, drawings and models to the COR no later than ten (10) business days after the contract completion date
- c. The Contractor shall deliver detailed design CAD models to the COR not later than forty-five (45) days after the contract award date
- d. The Contractor shall provide CAD data in the following formats (Initial Graphics Exchange Specification (IGES), .stp file format, Pro-Engineer (Pro/E));

17. PRICE GROUP:
 18. ESTIMATED TOTAL PRICE:
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1. DATA ITEM NO.: A007
2. TITLE OF DATA ITEM : Technical Data Package/Level II
3. SUBTITLE: Developmental Design Drawings/Models and Associated Lists
4. AUTHORITY: DI-SESS-81002F
5. CONTRACT REFERENCE: C.3.2, C.5.7
6. REQUIRING OFFICE .: RDTA
7. DD250 REQ : LT
8. APP CODE : N/A
9. DIST. STATEMENT REQUIRED: No
10. FREQUENCY : SEE BLOCK 16
11. AS OF DATE: SEE BLOCK 16
12. DATE OF FIRST SUB: SEE BLOCK 16
13. DATE OF SUBS. SUB: SEE BLOCK 16
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Heather Masden, COR, heather.m.masden.civ@mail.mil
15. TOTAL:
16. REMARKS:
The TDPs shall be IAW MIL-STD-31000 and the TDP Option Selection Worksheet (provided by the COR, if applicable).
The contractor shall present a draft Technical Data Package at the PDR Meeting and shall provide a copy to the Government COR within five (5) business days following the meeting.
The contractor shall present an updated Technical Data Package at the CDR Meeting and shall provide a copy to the Government COR within five (5) business days following the meeting.
The Government COR will return the updated copy within ten (10) business days of receipt with comments or concurrence.
The contractor shall finalize the technical documentation, to include incorporating the CORs comments, and deliver the final TDPs no later than ten (10) business days after receipt of the Government CORs comments.
17. PRICE GROUP:
18. ESTIMATED TOTAL PRICE:

1. DATA ITEM NO.: A008
2. TITLE OF DATA ITEM : Proposed Spare Parts List
3. SUBTITLE: Bill of Materials (BOM)
4. AUTHORITY: DI-ILSS-80134A
5. CONTRACT REFERENCE: C.3.3, C.5.8
6. REQUIRING OFFICE .: RDTA
7. DD250 REQ : LT
8. APP CODE : N/A
9. DIST. STATEMENT REQUIRED: No
10. FREQUENCY : SEE BLOCK 16
11. AS OF DATE: SEE BLOCK 16
12. DATE OF FIRST SUB: SEE BLOCK 16
13. DATE OF SUBS. SUB: SEE BLOCK 16
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Heather Masden, COR, heather.m.masden.civ@mail.mil

15. TOTAL:
16. REMARKS:

A BOM shall be submitted with each Level II Technical Data Package, CDRL A007.

17. PRICE GROUP:
 18. ESTIMATED TOTAL PRICE:
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1. DATA ITEM NO.: A009
2. TITLE OF DATA ITEM : Fabrication Report
3. SUBTITLE: Fabrication Report
4. AUTHORITY: DI-MISC-80711A
5. CONTRACT REFERENCE: C.5.9, C.9.2.3.4, C.9.3.3.4
6. REQUIRING OFFICE .: RDTA
7. DD250 REQ : LT
8. APP CODE : N/A
9. DIST. STATEMENT REQUIRED: No
10. FREQUENCY : SEE BLOCK 16
11. AS OF DATE: SEE BLOCK 16
12. DATE OF FIRST SUB: SEE BLOCK 16
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Heather Masden, COR, heather.m.masden.civ@mail.mil
15. TOTAL:
16. REMARKS:

The fabrication report shall contain any action taken during fabrication, deviations from, or changes to the Lvl II drawings. This report shall be delivered five (5) days following the completion of fabrication to the COR.

17. PRICE GROUP:
 18. ESTIMATED TOTAL PRICE:
-

1. DATA ITEM NO.: A010
2. TITLE OF DATA ITEM : Blast Modeling Results
3. SUBTITLE: Modeling & Simulation (M&S)
4. AUTHORITY: DI-SESS-81002E
5. CONTRACT REFERENCE: C.3.1.2, C.3.4.4, C.3.5.10
- REQUIRING OFFICE .: RDTA
7. DD250 REQ : LT
8. APP CODE : N/A
9. DIST. STATEMENT REQUIRED: SEE BLOCK 16
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Heather Masden, COR, heather.m.masden.civ@mail.mil

15. TOTAL:
16. REMARKS:

- a. The Contractor shall deliver the draft designs, drawings and M&S models to the COR no later than five (5) business days before each PDR, CDR or Design Review Meeting
- b. The Contractor shall deliver the final designs, drawings and M&S models to the COR no later than ten (10) business days after the contract completion date
- c. The Contractor shall deliver detailed design CAD models and M&S Models to the COR not later than forty-five (45) days after the contract award date
- d. The Contractor shall provide CAD data and M&S Models in the following formats (Initial Graphics Exchange Specification (IGES), .stp file format, Pro-Engineer (Pro/E))

17. PRICE GROUP:
 18. ESTIMATED TOTAL PRICE:
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1. DATA ITEM NO.: A011
2. TITLE OF DATA ITEM : Blast Modeling Results
3. SUBTITLE: Finite Element Analysis (FEA)
4. AUTHORITY: DI-SESS-81002E
5. CONTRACT REFERENCE: C.3.1.2, C.3.4.5, C.3.5.11
- REQUIRING OFFICE .: RDTA
7. DD250 REQ : LT
8. APP CODE : N/A
9. DIST. STATEMENT REQUIRED: SEE BLOCK 16
10. FREQUENCY : SEE BLOCK 16
11. AS OF DATE: SEE BLOCK 16
12. DATE OF FIRST SUB: SEE BLOCK 16
13. DATE OF SUBS. SUB: SEE BLOCK 16
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James Park, POC. james.m.park24.civ@mail.mil
Heather Masden, COR, heather.m.masden.civ@mail.mil

15. TOTAL:
16. REMARKS:

- e. The Contractor shall deliver the draft designs, drawings and FEA models to the COR no later than five (5) business days before each PDR, CDR or Design Review Meeting
- f. The Contractor shall deliver the final designs, drawings and FEA models to the COR no later than ten (10) business days after the contract completion date
- g. The Contractor shall deliver detailed design CAD models and FEA models to the COR not later than forty-five (45) days after the contract award date
- h. The Contractor shall provide CAD data and FEA model data in the following formats (Initial Graphics Exchange Specification (IGES), .stp file format, Pro-Engineer (Pro/E));

17. PRICE GROUP:
 18. ESTIMATED TOTAL PRICE:
-

1. DATA ITEM NO.: A012
2. TITLE OF DATA ITEM : Scientific and Technical Reports
3. SUBTITLE: Final Report
4. AUTHORITY: DI-MISC-80711A
5. CONTRACT REFERENCE: C.5.12
6. REQUIRING OFFICE .: RDTA
7. DD250 REQ : LT
8. APP CODE : N/A
9. DIST. STATEMENT REQUIRED:
10. FREQUENCY : SEE BLOCK 16
11. AS OF DATE: SEE BLOCK 16
12. DATE OF FIRST SUB: SEE BLOCK 16
13. DATE OF SUBS. SUB: SEE BLOCK 16
14. DISTRIBUTION ADDRESSEES:

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Heather Masden, COR, heather.m.masden.civ@mail.mil

15. TOTAL:

16. REMARKS:

a. The Contractor shall deliver the draft and final Scientific and Technical Report electronically in a Word document to the addresses in Block 14.

b. The Contractor shall deliver the draft Scientific and Technical Report no later than four (4) months after the contract award date. The COR will review and provide comments within fifteen (15) calendar days of draft submittal. The Contractor shall deliver the final Scientific and Technical Report no later than thirty (30) calendar days from receipt of draft report with comments.

c. The Contractor shall include in the draft and final report Standard Form (SF) 298 (Report Documentation Page) as the report's cover.

d. The Contractor shall include the following statement on all submissions, "Distribution Statement D: Distribution authorized to the Department of Defense and U.S. DoD Contractors only."

17. PRICE GROUP:

18. ESTIMATED TOTAL PRICE:
