SECTION J

LIST OF ATTACHMENTS

Document Number	Title	Number of Pages
Exhibit A	DELETED	
Exhibit B	DD Form 1423 - Contract Data Requirements	6
Exhibit C	DD Form 1664 - Data Item Description	43
Exhibit D	DELETED	
Exhibit E	SF-294, Subcontracting Report for Individual Contracts	1
Exhibit F	SF-295, Summary Subcontract Report	1
Exhibit G	SF-25 and SF-25-A, Performance and Payment Bonds	2

END OF SECTION J

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	C. CATEGORY: TDP ____ TM ____ OTHER ____
D. SYSTEM/ITEM	E. CONTRACT/PR NO.	F. CONTRACTOR

1. DATA ITEM NO. BW001
2. TITLE OF DATA ITEM Site Survey Proposal
3. SUBTITLE N/A
4. AUTHORITY (Data Acquisition Document No.)
5. CONTRACT REFERENCE Par. 6.1.2
6. REQUIRING OFFICE
7. DD 250 REQ
8. APP CODE
9. DIST STATEMENT REQUIRED
10. FREQUENCY One time
11. AS OF DATE As required
12. DATE OF FIRST SUBMISSION See 16
13. DATE OF SUBSEQUENT SUBMISSION As required
14. DISTRIBUTION

a. ADDRESSEE	b. COPIES Draft	Final Reg	Final Repro
CEHNC		2	
Installation		1	
Other		1	
15. TOTAL →		4	

16. REMARKS As required by the Contracting Officer.
17. PRICE GROUP
18. ESTIMATED TOTAL PRICE

1. DATA ITEM NO. BW002
2. TITLE OF DATA ITEM Site Survey
3. SUBTITLE N/A
4. AUTHORITY (Data Acquisition Document No.)
5. CONTRACT REFERENCE Par. 6.1.3
6. REQUIRING OFFICE
7. DD 250 REQ
8. APP CODE
9. DIST STATEMENT REQUIRED
10. FREQUENCY N/A
11. AS OF DATE N/A
12. DATE OF FIRST SUBMISSION N/A
13. DATE OF SUBSEQUENT SUBMISSION N/A
14. DISTRIBUTION

a. ADDRESSEE	b. COPIES Draft	Final Reg	Final Repro
CEHNC		0	
Installation		0	
Other		0	
15. TOTAL →		0	

16. REMARKS No submittals.
17. PRICE GROUP
18. ESTIMATED TOTAL PRICE

1. DATA ITEM NO. BW003
2. TITLE OF DATA ITEM Site Survey Report
3. SUBTITLE N/A
4. AUTHORITY (Data Acquisition Document No.)
5. CONTRACT REFERENCE Par. 6.1.4
6. REQUIRING OFFICE
7. DD 250 REQ
8. APP CODE
9. DIST STATEMENT REQUIRED
10. FREQUENCY One time with backcheck
11. AS OF DATE As required
12. DATE OF FIRST SUBMISSION See 16
13. DATE OF SUBSEQUENT SUBMISSION As required
14. DISTRIBUTION

a. ADDRESSEE	b. COPIES Draft	Final Reg	Final Repro
CEHNC		2	
Installation		2	
Other			
15. TOTAL →		4	

16. REMARKS As required by the Contracting Officer
17. PRICE GROUP
18. ESTIMATED TOTAL PRICE

1. DATA ITEM NO. BW004
2. TITLE OF DATA ITEM Feasibility Study
3. SUBTITLE N/A
4. AUTHORITY (Data Acquisition Document No.)
5. CONTRACT REFERENCE Par. 6.1.5
6. REQUIRING OFFICE
7. DD 250 REQ
8. APP CODE
9. DIST STATEMENT REQUIRED
10. FREQUENCY One time with backcheck
11. AS OF DATE As required
12. DATE OF FIRST SUBMISSION See 16
13. DATE OF SUBSEQUENT SUBMISSION As required
14. DISTRIBUTION

a. ADDRESSEE	b. COPIES Draft	Final Reg	Final Repro
CEHNC		2	
Installation		2	
Other			
15. TOTAL →		4	

16. REMARKS As required by the Contracting Officer
17. PRICE GROUP
18. ESTIMATED TOTAL PRICE

G. PREPARED BY	H. DATE	I. APPROVED BY	J. DATE
Phyllis McDonald	3/19/97	Paul [illegible]	3/19/97

INSTRUCTIONS FOR COMPLETING DD FORM 1423

(See DoD 5010.12-M for detailed instructions.)

FOR GOVERNMENT PERSONNEL

Item A. Self-explanatory.

Item B. Self-explanatory.

Item C. Mark (X) appropriate category: TDP - Technical Data Package; TM - Technical Manual; Other - other category of data, such as "Provisioning," "Configuration Management", etc.

Item D. Enter name of system/item being acquired that data will support.

Item E. Self-explanatory (to be filled in after contract award).

Item F. Self-explanatory (to be filled in after contract award).

Item G. Signature of preparer of CDRL.

Item H. Date CDRL was prepared.

Item I. Signature of CDRL approval authority

Item J. Date CDRL was approved

Item 1. See DoD FAR Supplement Subpart 4.71 for proper numbering.

Item 2. Enter title as it appears on data acquisition document cited in Item 4

Item 3. Enter subtitle of data item for further definition of data item (optional entry).

Item 4. Enter Data Item Description (DID) number, military specification number, or military standard number listed in DoD 5010.12-L (AMSDL), or one-time DID number, that defines data content and format requirements.

Item 5. Enter reference to tasking in contract that generates requirement for the data item (e.g., Statement of Work paragraph number).

Item 6. Enter technical office responsible for ensuring adequacy of the data item

Item 7. Specify requirement for inspection/acceptance of the data item by the Government.

Item 8. Specify requirement for approval of a draft before preparation of the final data item

Item 9. For technical data, specify requirement for contractor to mark the appropriate distribution statement on the data (ref DoDD 5230.24).

Item 10. Specify number of times data items are to be delivered

Item 11. Specify as-of date of data item, when applicable

Item 12. Specify when first submittal is required

Item 13. Specify when subsequent submittals are required, when applicable.

Item 14. Enter addressees and number of draft/final copies to be delivered to each addressee. Explain reproducible copies in Item 16

Item 15. Enter total number of draft/final copies to be delivered

Item 16. Use for additional/clarifying information for Items 1 through 15. Examples are: Tailoring of documents cited in Item 4; Clarification of submittal dates in Items 12 and 13; Explanation of reproducible copies in Item 14.; Desired medium for delivery of the data item

FOR THE CONTRACTOR

Item 17. Specify appropriate price group from one of the following groups of effort in developing estimated prices for each data item listed on the DD Form 1423.

a. Group I. Definition - Data which is not otherwise essential to the contractor's performance of the primary contracted effort (production, development, testing, and administration) but which is required by DD Form 1423.

Estimated Price - Costs to be included under Group I are those applicable to preparing and assembling the data item in conformance with Government requirements, and the administration and other expenses related to reproducing and delivering such data items to the Government.

b. Group II. Definition - Data which is essential to the performance of the primary contracted effort but the contractor is required to perform additional work to conform to Government requirements with regard to depth of content, format, frequency of submittal, preparation, control, or quality of the data item.

Estimated Price - Costs to be included under Group II are those incurred over and above the cost of the essential data item without conforming to Government requirements, and the administrative and other expenses related to reproducing and delivering such data item to the Government.

c. Group III Definition - Data which the contractor must develop for his internal use in performance of the primary contracted effort and does not require any substantial change to conform to Government requirements with regard to depth of content, format, frequency of submittal, preparation, control, and quality of the data item.

Estimated Price - Costs to be included under Group III are the administrative and other expenses related to reproducing and delivering such data item to the Government.

d. Group IV Definition - Data which is developed by the contractor as part of his normal operating procedures and his effort in supplying these data to the Government is minimal.

Estimated Price - Group IV items should normally be shown on the DD Form 1423 at no cost.

Item 18. For each data item, enter an amount equal to that portion of the total price which is estimated to be attributable to the production or development for the Government of that item of data. These estimated data prices shall be developed only from those costs which will be incurred as a direct result of the requirement to supply the data, over and above those costs which would otherwise be incurred in performance of the contract if no data were required. The estimated data prices shall not include any amount for rights in data. The Government's right to use the data shall be governed by the pertinent provisions of the contract.

CONTRACT DATA REQUIREMENTS LIST

Form Approved
OMB No. 0704-0188

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.ONTRACT LINE ITEM NO.	B. EXHIBIT	C. CATEGORY: TDP ____ TM ____ OTHER ____
D. SYSTEM/ITEM	E. CONTRACT/PR NO.	F. CONTRACTOR

1. DATA ITEM NO. BW005
2. TITLE OF DATA ITEM Design
3. SUBTITLE N/A
4. AUTHORITY (Data Acquisition Document No.)
5. CONTRACT REFERENCE Par. 6.1.6
6. REQUIRING OFFICE
7. DD 250 REQ
8. APP CODE
9. DIST STATEMENT REQUIRED
10. FREQUENCY One time with backcheck
11. AS OF DATE As required
12. DATE OF FIRST SUBMISSION See 16
13. DATE OF SUBSEQUENT SUBMISSION As required
14. DISTRIBUTION

a. ADDRESSEE	b. COPIES Draft	Final Reg	Final Repro
CEHNC		1	
Installation		2	
Other			
15. TOTAL →		3	

16. REMARKS As required by the Contracting Officer.
17. PRICE GROUP
18. ESTIMATED TOTAL PRICE

1. DATA ITEM NO. BW005A
2. TITLE OF DATA ITEM Design
3. SUBTITLE N/A
4. AUTHORITY (Data Acquisition Document No.)
5. CONTRACT REFERENCE Par. 6.1.6
6. REQUIRING OFFICE
7. DD 250 REQ
8. APP CODE
9. DIST STATEMENT REQUIRED
10. FREQUENCY One time with backcheck
11. AS OF DATE As required
12. DATE OF FIRST SUBMISSION See 16
13. DATE OF SUBSEQUENT SUBMISSION As required
14. DISTRIBUTION

a. ADDRESSEE	b. COPIES Draft	Final Reg	Final Repro
CEHNC		1	
Installation		2	
Other			
15. TOTAL →		3	

16. REMARKS As required by the Contracting Officer
17. PRICE GROUP
18. ESTIMATED TOTAL PRICE

1. DATA ITEM NO. BW006
2. TITLE OF DATA ITEM ECSM Proposal
3. SUBTITLE N/A
4. AUTHORITY (Data Acquisition Document No.)
5. CONTRACT REFERENCE Par. 6.1.7
6. REQUIRING OFFICE
7. DD 250 REQ
8. APP CODE
9. DIST STATEMENT REQUIRED
10. FREQUENCY One time with backcheck
11. AS OF DATE As required
12. DATE OF FIRST SUBMISSION See 16
13. DATE OF SUBSEQUENT SUBMISSION As reqiuired
14. DISTRIBUTION

a. ADDRESSEE	b. COPIES Draft	Final Reg	Final Repro
CEHNC		2	
Installation		2	
Other			
15. TOTAL →		4	

16. REMARKS As required by the Contracting Officer.
17. PRICE GROUP
18. ESTIMATED TOTAL PRICE

1. DATA ITEM NO. BW007
2. TITLE OF DATA ITEM Preliminary Project Meeting
3. SUBTITLE N/A
4. AUTHORITY (Data Acquisition Document No.)
5. CONTRACT REFERENCE Par. 6.1.8.1
6. REQUIRING OFFICE
7. DD 250 REQ
8. APP CODE
9. DIST STATEMENT REQUIRED
10. FREQUENCY One time
11. AS OF DATE See 16
12. DATE OF FIRST SUBMISSION N/A
13. DATE OF SUBSEQUENT SUBMISSION N/A
14. DISTRIBUTION

a. ADDRESSEE	b. COPIES Draft	Final Reg	Final Repro
CEHNC		0	
Installation		0	
Other		0	
15. TOTAL →		0	

16. REMARKS As stated by the Contracting Officer.
17. PRICE GROUP
18. ESTIMATED TOTAL PRICE

G. PREPARED BY	H. DATE	I. APPROVED BY	J. DATE
Phyllis McDonald	3/19/97	[signature]	3-19-97

INSTRUCTIONS FOR COMPLETING DD FORM 1423

(See DoD 5010.12-M for detailed instructions.)

FOR GOVERNMENT PERSONNEL

Item A. Self-explanatory.

Item B. Self-explanatory.

Item C. Mark (X) appropriate category: TDP - Technical Data Package; TM - Technical Manual; Other - other category of data, such as "Provisioning," "Configuration Management", etc.

Item D. Enter name of system/item being acquired that data will support.

Item E. Self-explanatory (to be filled in after contract award).

Item F. Self-explanatory (to be filled in after contract award).

Item G. Signature of preparer of CDRL.

Item H. Date CDRL was prepared.

Item I. Signature of CDRL approval authority

Item J. Date CDRL was approved.

Item 1. See DoD FAR Supplement Subpart 4.71 for proper numbering

Item 2. Enter title as it appears on data acquisition document cited in Item 4

Item 3. Enter subtitle of data item for further definition of data item (optional entry).

Item 4. Enter Data Item Description (DID) number, military specification number, or military standard number listed in DoD 5010.12-L (AMSDL), or one-time DID number, that defines data content and format requirements.

Item 5. Enter reference to tasking in contract that generates requirement for the data item (e.g., Statement of Work paragraph number).

Item 6. Enter technical office responsible for ensuring adequacy of the data item

Item 7. Specify requirement for inspection/acceptance of the data item by the Government.

Item 8. Specify requirement for approval of a draft before preparation of the final data item

Item 9. For technical data, specify requirement for contractor to mark the appropriate distribution statement on the data (ref DoDD 5230.24)

Item 10. Specify number of times data items are to be delivered.

Item 11. Specify as-of date of data item, when applicable.

Item 12. Specify when first submittal is required.

Item 13. Specify when subsequent submittals are required, when applicable

Item 14. Enter addressees and number of draft/final copies to be delivered to each addressee. Explain reproducible copies in Item 16

Item 15. Enter total number of draft/final copies to be delivered

Item 16. Use for additional/clarifying information for Items 1 through 15. Examples are: Tailoring of documents cited in Item 4. Clarification of submittal dates in Items 12 and 13; Explanation of reproducible copies in Item 14.; Desired medium for delivery of the data item

FOR THE CONTRACTOR

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a. Group I. Definition - Data which is not otherwise essential to the contractor's performance of the primary contracted effort (production, development, testing, and administration) but which is required by DD Form 1423.

Estimated Price - Costs to be included under Group I are those applicable to preparing and assembling the data item in conformance with Government requirements, and the administration and other expenses related to reproducing and delivering such data items to the Government.

b. Group II. Definition - Data which is essential to the performance of the primary contracted effort but the contractor is required to perform additional work to conform to Government requirements with regard to depth of content, format, frequency of submittal, preparation, control, or quality of the data item.

Estimated Price - Costs to be included under Group II are those incurred over and above the cost of the essential data item without conforming to Government requirements, and the administrative and other expenses related to reproducing and delivering such data item to the Government.

c. Group III. Definition - Data which the contractor must develop for his internal use in performance of the primary contracted effort and does not require any substantial change to conform to Government requirements with regard to depth of content, format, frequency of submittal, preparation, control, and quality of the data item.

Estimated Price - Costs to be included under Group III are the administrative and other expenses related to reproducing and delivering such data item to the Government

d. Group IV. Definition - Data which is developed by the contractor as part of his normal operating procedures and his effort in supplying these data to the Government is minimal.

Estimated Price - Group IV items should normally be shown on the DD Form 1423 at no cost.

Item 18. For each data item, enter an amount equal to that portion of the total price which is estimated to be attributable to the production or development for the Government of that item of data. These estimated data prices shall be developed only from those costs which will be incurred as a direct result of the requirement to supply the data, over and above those costs which would otherwise be incurred in performance of the contract if no data were required. The estimated data prices shall not include any amount for rights in data. The Government's right to use the data shall be governed by the pertinent provisions of the contract.

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A. CONTRACT LINE ITEM NO.	B. EXHIBIT	C. CATEGORY: TDP ____ TM ____ OTHER ____
D. SYSTEM/ITEM	E. CONTRACT/PR NO.	F. CONTRACTOR

1. DATA ITEM NO. BW008
2. TITLE OF DATA ITEM Shop Drawings
3. SUBTITLE N/A
4. AUTHORITY (Data Acquisition Document No.)
5. CONTRACT REFERENCE Par. 6.1.8.2
6. REQUIRING OFFICE
7. DD 250 REQ
8. APP CODE
9. DIST STATEMENT REQUIRED
10. FREQUENCY N/A
11. AS OF DATE N/A
12. DATE OF FIRST SUBMISSION See 16
13. DATE OF SUBSEQUENT SUBMISSION N/A
14. DISTRIBUTION

a. ADDRESSEE	b. COPIES Draft	Final Reg	Final Repro
CEHNC		1	
Installation			
Other			
15. TOTAL →		1	

16. REMARKS Submission shall be as indicated paragraph 10.1, BW008.

17. PRICE GROUP
18. ESTIMATED TOTAL PRICE

1. DATA ITEM NO. BW009
2. TITLE OF DATA ITEM Quality Control Program
3. SUBTITLE N/A
4. AUTHORITY (Data Acquisition Document No.)
5. CONTRACT REFERENCE Par. 6.1.8.3
6. REQUIRING OFFICE
7. DD 250 REQ
8. APP CODE
9. DIST STATEMENT REQUIRED
10. FREQUENCY One time with backcheck
11. AS OF DATE As required
12. DATE OF FIRST SUBMISSION See 16
13. DATE OF SUBSEQUENT SUBMISSION As required
14. DISTRIBUTION

a. ADDRESSEE	b. COPIES Draft	Final Reg	Final Repro
CEHNC		1	
Installation		2	
Other			
15. TOTAL →		3	

16. REMARKS Submit plan within 30 days after contract award.

17. PRICE GROUP
18. ESTIMATED TOTAL PRICE

1. DATA ITEM NO. BW010
2. TITLE OF DATA ITEM Site Safety and Health Plan
3. SUBTITLE N/A
4. AUTHORITY (Data Acquisition Document No.)
5. CONTRACT REFERENCE Par. 6.1.8.4
6. REQUIRING OFFICE
7. DD 250 REQ
8. APP CODE
9. DIST STATEMENT REQUIRED
10. FREQUENCY One time with backcheck
11. AS OF DATE As required
12. DATE OF FIRST SUBMISSION See 16
13. DATE OF SUBSEQUENT SUBMISSION As required
14. DISTRIBUTION

a. ADDRESSEE	b. COPIES Draft	Final Reg	Final Repro
CEHNC		1	
Installation		2	
Other			
15. TOTAL →		3	

16. REMARKS Submit plan within 30 days after contract award.

17. PRICE GROUP
18. ESTIMATED TOTAL PRICE

1. DATA ITEM NO. BW011
2. TITLE OF DATA ITEM Work Schedule
3. SUBTITLE N/A
4. AUTHORITY (Data Acquisition Document No.)
5. CONTRACT REFERENCE Par. 6.1.8.5
6. REQUIRING OFFICE
7. DD 250 REQ
8. APP CODE
9. DIST STATEMENT REQUIRED
10. FREQUENCY One time with backcheck
11. AS OF DATE As required
12. DATE OF FIRST SUBMISSION See 16
13. DATE OF SUBSEQUENT SUBMISSION As required
14. DISTRIBUTION

a. ADDRESSEE	b. COPIES Draft	Final Reg	Final Repro
CEHNC		1	
Installation		2	
Other			
15. TOTAL →		3	

16. REMARKS As required by the Contracting Officer.

17. PRICE GROUP
18. ESTIMATED TOTAL PRICE

G. PREPARED BY	H. DATE	I. APPROVED BY	J. DATE
Phyllis McDonald	3/19/97	[illegible]	3/19/97

INSTRUCTIONS FOR COMPLETING DD FORM 1423

(See DoD 5010.12-M for detailed instructions.)

FOR GOVERNMENT PERSONNEL

Item A. Self-explanatory.

Item B. Self-explanatory.

Item C. Mark (X) appropriate category: TDP - Technical Data Package; TM - Technical Manual; Other - other category of data, such as "Provisioning," "Configuration Management", etc.

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Item F. Self-explanatory (to be filled in after contract award).

Item G. Signature of preparer of CDRL.

Item H. Date CDRL was prepared.

Item I. Signature of CDRL approval authority

Item J. Date CDRL was approved

Item 1. See DoD FAR Supplement Subpart 4.71 for proper numbering

Item 2. Enter title as it appears on data acquisition document cited in Item 4

Item 3. Enter subtitle of data item for further definition of data item (optional entry).

Item 4. Enter Data Item Description (DID) number, military specification number, or military standard number listed in DoD 5010 12-L (AMSDL), or one-time DID number, that defines data content and format requirements.

Item 5. Enter reference to tasking in contract that generates requirement for the data item (e.g., Statement of Work paragraph number).

Item 6. Enter technical office responsible for ensuring adequacy of the data item

Item 7. Specify requirement for inspection/acceptance of the data item by the Government.

Item 8. Specify requirement for approval of a draft before preparation of the final data item

Item 9. For technical data, specify requirement for contractor to mark the appropriate distribution statement on the data (ref DoDD 5230 24).

Item 10. Specify number of times data items are to be delivered

Item 11. Specify as-of date of data item, when applicable.

Item 12. Specify when first submittal is required.

Item 13. Specify when subsequent submittals are required, when applicable

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Item 16. Use for additional/clarifying information for Items 1 through 15 Examples are: Tailoring of documents cited in Item 4, Clarification of submittal dates in Items 12 and 13; Explanation of reproducible copies in Item 14.; Desired medium for delivery of the data item

FOR THE CONTRACTOR

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a. Group I. Definition - Data which is not otherwise essential to the contractor's performance of the primary contracted effort (production, development, testing, and administration) but which is required by DD Form 1423.

Estimated Price - Costs to be included under Group I are those applicable to preparing and assembling the data item in conformance with Government requirements, and the administration and other expenses related to reproducing and delivering such data items to the Government.

b Group II. Definition - Data which is essential to the performance of the primary contracted effort but the contractor is required to perform additional work to conform to Government requirements with regard to depth of content, format, frequency of submittal, preparation, control, or quality of the data item.

Estimated Price - Costs to be included under Group II are those incurred over and above the cost of the essential data item without conforming to Government requirements, and the administrative and other expenses related to reproducing and delivering such data item to the Government.

c. Group III. Definition - Data which the contractor must develop for his internal use in performance of the primary contracted effort and does not require any substantial change to conform to Government requirements with regard to depth of content, format, frequency of submittal, preparation, control, and quality of the data item.

Estimated Price - Costs to be included under Group III are the administrative and other expenses related to reproducing and delivering such data item to the Government.

d Group IV Definition - Data which is developed by the contractor as part of his normal operating procedures and his effort in supplying these data to the Government is minimal.

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Item 18. For each data item, enter an amount equal to that portion of the total price which is estimated to be attributable to the production or development for the Government of that item of data. These estimated data prices shall be developed only from those costs which will be incurred as a direct result of the requirement to supply the data, over and above those costs which would otherwise be incurred in performance of the contract if no data were required. The estimated data prices shall not include any amount for rights in data. The Government's right to use the data shall be governed by the pertinent provisions of the contract

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A. CONTRACT LINE ITEM NO.	B. EXHIBIT	C. CATEGORY: TDP ____ TM ____ OTHER ____

D. SYSTEM/ITEM	E. CONTRACT/PR NO.	F. CONTRACTOR

1. DATA ITEM NO. BW012
2. TITLE OF DATA ITEM Monthly Progress Reports
3. SUBTITLE N/A
4. AUTHORITY (Data Acquisition Document No.)
5. CONTRACT REFERENCE Par. 6.1.8.6
6. REQUIRING OFFICE
7. DD 250 REQ
8. APP CODE
9. DIST STATEMENT REQUIRED
10. FREQUENCY One time
11. AS OF DATE As required
12. DATE OF FIRST SUBMISSION See 16
13. DATE OF SUBSEQUENT SUBMISSION As required
14. DISTRIBUTION
16. REMARKS
Monthly submittals.

a. ADDRESSEE	b. COPIES Draft	Final Reg	Final Repro
CEHNC		1	
Installation		2	
Other			
15. TOTAL →		3	

17. PRICE GROUP
18. ESTIMATED TOTAL PRICE

1. DATA ITEM NO. BW013
2. TITLE OF DATA ITEM Telephone/Correspondence Record
3. SUBTITLE N/A
4. AUTHORITY (Data Acquisition Document No.)
5. CONTRACT REFERENCE Par. 6.1.8.8
6. REQUIRING OFFICE
7. DD 250 REQ
8. APP CODE
9. DIST STATEMENT REQUIRED
10. FREQUENCY One time
11. AS OF DATE As required
12. DATE OF FIRST SUBMISSION See 16
13. DATE OF SUBSEQUENT SUBMISSION As required
14. DISTRIBUTION
16. REMARKS
Monthly submittals.

a. ADDRESSEE	b. COPIES Draft	Final Reg	Final Repro
CEHNC		2	
Installation		2	
Other			
15. TOTAL →		4	

17. PRICE GROUP
18. ESTIMATED TOTAL PRICE

1. DATA ITEM NO. BW014
2. TITLE OF DATA ITEM System Testing
3. SUBTITLE N/A
4. AUTHORITY (Data Acquisition Document No.)
5. CONTRACT REFERENCE Par. 6.1.8.9
6. REQUIRING OFFICE
7. DD 250 REQ
8. APP CODE
9. DIST STATEMENT REQUIRED
10. FREQUENCY One time with backcheck
11. AS OF DATE As required
12. DATE OF FIRST SUBMISSION See 16
13. DATE OF SUBSEQUENT SUBMISSION As required
14. DISTRIBUTION
16. REMARKS
In accordance with Contractor's approved schedule or as directed by the Contracting Officer.

a. ADDRESSEE	b. COPIES Draft	Final Reg	Final Repro
CEHNC		1	
Installation		2	
Other			
15. TOTAL →		3	

17. PRICE GROUP
18. ESTIMATED TOTAL PRICE

1. DATA ITEM NO. BW015
2. TITLE OF DATA ITEM Operating Instructions
3. SUBTITLE N/A
4. AUTHORITY (Data Acquisition Document No.)
5. CONTRACT REFERENCE Par. 6.1.8.10
6. REQUIRING OFFICE
7. DD 250 REQ
8. APP CODE
9. DIST STATEMENT REQUIRED
10. FREQUENCY One time with backcheck
11. AS OF DATE As required
12. DATE OF FIRST SUBMISSION See 16
13. DATE OF SUBSEQUENT SUBMISSION As required
14. DISTRIBUTION
16. REMARKS
Submit operating instructions for draft. Operating instructions plus manuals for final. Past instructions per par. 10.3 of BW015.

a. ADDRESSEE	b. COPIES Draft	Final Reg	Final Repro
CEHNC		1	
Installation		1	
Other			
15. TOTAL →		2	

17. PRICE GROUP
18. ESTIMATED TOTAL PRICE

G. PREPARED BY	H. DATE	I. APPROVED BY	J. DATE
Shylin McDonald	3/19/97	[illegible signature]	3-19-97

INSTRUCTIONS FOR COMPLETING DD FORM 1423

(See DoD 5010.12-M for detailed instructions.)

FOR GOVERNMENT PERSONNEL

Item A. Self-explanatory.

Item B. Self-explanatory.

Item C. Mark (X) appropriate category: TDP - Technical Data Package; TM - Technical Manual; Other - other category of data, such as "Provisioning," "Configuration Management", etc.

Item D. Enter name of system/item being acquired that data will support.

Item E. Self-explanatory (to be filled in after contract award).

Item F. Self-explanatory (to be filled in after contract award).

Item G. Signature of preparer of CDRL.

Item H. Date CDRL was prepared.

Item I. Signature of CDRL approval authority

Item J. Date CDRL was approved

Item 1. See DoD FAR Supplement Subpart 4.71 for proper numbering.

Item 2. Enter title as it appears on data acquisition document cited in Item 4.

Item 3. Enter subtitle of data item for further definition of data item (optional entry).

Item 4. Enter Data Item Description (DID) number, military specification number, or military standard number listed in DoD 5010.12-L (AMSDL), or one-time DID number, that defines data content and format requirements.

Item 5. Enter reference to tasking in contract that generates requirement for the data item (e.g., Statement of Work paragraph number).

Item 6. Enter technical office responsible for ensuring adequacy of the data item.

Item 7. Specify requirement for inspection/acceptance of the data item by the Government.

Item 8. Specify requirement for approval of a draft before preparation of the final data item

Item 9. For technical data, specify requirement for contractor to mark the appropriate distribution statement on the data (ref. DoDD 5230.24).

Item 10. Specify number of times data items are to be delivered.

Item 11. Specify as-of date of data item, when applicable.

Item 12. Specify when first submittal is required.

Item 13. Specify when subsequent submittals are required, when applicable.

Item 14. Enter addressees and number of draft/final copies to be delivered to each addressee. Explain reproducible copies in Item 16

Item 15. Enter total number of draft/final copies to be delivered

Item 16. Use for additional/clarifying information for Items 1 through 15. Examples are: Tailoring of documents cited in Item 4; Clarification of submittal dates in Items 12 and 13; Explanation of reproducible copies in Item 14.; Desired medium for delivery of the data item

FOR THE CONTRACTOR

Item 17. Specify appropriate price group from one of the following groups of effort in developing estimated prices for each data item listed on the DD Form 1423.

a. Group I. Definition - Data which is not otherwise essential to the contractor's performance of the primary contracted effort (production, development, testing, and administration) but which is required by DD Form 1423.

Estimated Price - Costs to be included under Group I are those applicable to preparing and assembling the data item in conformance with Government requirements, and the administration and other expenses related to reproducing and delivering such data items to the Government.

b. Group II Definition - Data which is essential to the performance of the primary contracted effort but the contractor is required to perform additional work to conform to Government requirements with regard to depth of content, format, frequency of submittal, preparation, control, or quality of the data item.

Estimated Price - Costs to be included under Group II are those incurred over and above the cost of the essential data item without conforming to Government requirements, and the administrative and other expenses related to reproducing and delivering such data item to the Government.

c. Group III. Definition - Data which the contractor must develop for his internal use in performance of the primary contracted effort and does not require any substantial change to conform to Government requirements with regard to depth of content, format, frequency of submittal, preparation, control, and quality of the data item.

Estimated Price - Costs to be included under Group III are the administrative and other expenses related to reproducing and delivering such data item to the Government

d. Group IV Definition - Data which is developed by the contractor as part of his normal operating procedures and his effort in supplying these data to the Government is minimal.

Estimated Price - Group IV items should normally be shown on the DD Form 1423 at no cost.

Item 18. For each data item, enter an amount equal to that portion of the total price which is estimated to be attributable to the production or development for the Government of that item of data. These estimated data prices shall be developed only from those costs which will be incurred as a direct result of the requirement to supply the data, over and above those costs which would otherwise be incurred in performance of the contract if no data were required. The estimated data prices shall not include any amount for rights in data. The Government's right to use the data shall be governed by the pertinent provisions of the contract

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

CONTRACT LINE ITEM NO.	B. EXHIBIT	C. CATEGORY: TDP ___ TM ___ OTHER ___
D. SYSTEM/ITEM	E. CONTRACT/PR NO.	F. CONTRACTOR

1. DATA ITEM NO. BW016
2. TITLE OF DATA ITEM Training
3. SUBTITLE N/A
4. AUTHORITY (Data Acquisition Document No.)
5. CONTRACT REFERENCE Par. 6.1.8.11
6. REQUIRING OFFICE
7. DD 250 REQ
8. APP CODE
9. DIST STATEMENT REQUIRED
10. FREQUENCY One time with backcheck
11. AS OF DATE As required
12. DATE OF FIRST SUBMISSION See 16
13. DATE OF SUBSEQUENT SUBMISSION As required
14. DISTRIBUTION

a. ADDRESSEE	b. COPIES Draft	Final Reg	Final Repro
CEHNC		1	
Installation		1	
Other			
15. TOTAL →		2	

16. REMARKS
In accordance with Contractor's approved schedule or as directed by the Contracting Officer.

17. PRICE GROUP
18. ESTIMATED TOTAL PRICE

1. DATA ITEM NO. BW017
2. TITLE OF DATA ITEM Certification of Computer Media
3. SUBTITLE N/A
4. AUTHORITY (Data Acquisition Document No.)
5. CONTRACT REFERENCE Par. 6.1.8.12
6. REQUIRING OFFICE
7. DD 250 REQ
8. APP CODE
9. DIST STATEMENT REQUIRED
10. FREQUENCY One time
11. AS OF DATE As required
12. DATE OF FIRST SUBMISSION See 16
13. DATE OF SUBSEQUENT SUBMISSION As required
14. DISTRIBUTION

a. ADDRESSEE	b. COPIES Draft	Final Reg	Final Repro
CEHNC		2	
Installation		2	
15. TOTAL →		4	

16. REMARKS
Submission of all data shall be detailed in BW017.

17. PRICE GROUP
18. ESTIMATED TOTAL PRICE

1. DATA ITEM NO. BW018
2. TITLE OF DATA ITEM Operating and Maintenance Manuals
3. SUBTITLE N/A
4. AUTHORITY (Data Acquisition Document No.)
5. CONTRACT REFERENCE Par. 6.1.8.13
6. REQUIRING OFFICE
7. DD 250 REQ
8. APP CODE
9. DIST STATEMENT REQUIRED
10. FREQUENCY One time with backcheck
11. AS OF DATE As required
12. DATE OF FIRST SUBMISSION See 16
13. DATE OF SUBSEQUENT SUBMISSION As required
14. DISTRIBUTION

a. ADDRESSEE	b. COPIES Draft	Final Reg	Final Repro
CEHNC		1	
Installation		2	
Other			
15. TOTAL →		3	

16. REMARKS
In accordance wtih Contractor's approved schedule or as directed by the Contracting Officer.

17. PRICE GROUP
18. ESTIMATED TOTAL PRICE

1. DATA ITEM NO. BW019
2. TITLE OF DATA ITEM Spare Parts List
3. SUBTITLE N/A
4. AUTHORITY (Data Acquisition Document No.)
5. CONTRACT REFERENCE Par. 6.1.8.14
6. REQUIRING OFFICE
7. DD 250 REQ
8. APP CODE
9. DIST STATEMENT REQUIRED
10. FREQUENCY One time with backcheck
11. AS OF DATE As required
12. DATE OF FIRST SUBMISSION See 16
13. DATE OF SUBSEQUENT SUBMISSION As required
14. DISTRIBUTION

a. ADDRESSEE	b. COPIES Draft	Final Reg	Final Repro
CEHNC		1	
Installation		2	
Other			
15. TOTAL →		3	

16. REMARKS
As required by the Contracting Officer.

17. PRICE GROUP
18. ESTIMATED TOTAL PRICE

G. PREPARED BY	H. DATE	I. APPROVED BY	J. DATE
Shelli M McDonald	3/19/97	Paul [illegible]	3-19-97

INSTRUCTIONS FOR COMPLETING DD FORM 1423

(See DoD 5010.12-M for detailed instructions.)

FOR GOVERNMENT PERSONNEL

Item A. Self-explanatory.

Item B. Self-explanatory.

Item C. Mark (X) appropriate category: TDP - Technical Data Package; TM - Technical Manual; Other - other category of data, such as "Provisioning," "Configuration Management", etc.

Item D. Enter name of system/item being acquired that data will support.

Item E. Self-explanatory (to be filled in after contract award).

Item F. Self-explanatory (to be filled in after contract award).

Item G. Signature of preparer of CDRL.

Item H. Date CDRL was prepared.

Item I. Signature of CDRL approval authority.

Item J. Date CDRL was approved.

Item 1. See DoD FAR Supplement Subpart 4.71 for proper numbering.

Item 2. Enter title as it appears on data acquisition document cited in Item 4.

Item 3. Enter subtitle of data item for further definition of data item (optional entry).

Item 4. Enter Data Item Description (DID) number, military specification number, or military standard number listed in DoD 5010.12-L (AMSDL), or one-time DID number, that defines data content and format requirements.

Item 5. Enter reference to tasking in contract that generates requirement for the data item (e.g., Statement of Work paragraph number).

Item 6. Enter technical office responsible for ensuring adequacy of the data item.

Item 7. Specify requirement for inspection/acceptance of the data item by the Government.

Item 8. Specify requirement for approval of a draft before preparation of the final data item.

Item 9. For technical data, specify requirement for contractor to mark the appropriate distribution statement on the data (ref. DoDD 5230.24).

Item 10. Specify number of times data items are to be delivered.

Item 11. Specify as-of date of data item, when applicable.

Item 12. Specify when first submittal is required.

Item 13. Specify when subsequent submittals are required, when applicable.

Item 14. Enter addressees and number of draft/final copies to be delivered to each addressee. Explain reproducible copies in Item 16.

Item 15. Enter total number of draft/final copies to be delivered.

Item 16. Use for additional/clarifying information for Items 1 through 15. Examples are: Tailoring of documents cited in Item 4; Clarification of submittal dates in Items 12 and 13; Explanation of reproducible copies in Item 14.; Desired medium for delivery of the data item.

FOR THE CONTRACTOR

Item 17. Specify appropriate price group from one of the following groups of effort in developing estimated prices for each data item listed on the DD Form 1423.

a. Group I. Definition - Data which is not otherwise essential to the contractor's performance of the primary contracted effort (production, development, testing, and administration) but which is required by DD Form 1423.

Estimated Price - Costs to be included under Group I are those applicable to preparing and assembling the data item in conformance with Government requirements, and the administration and other expenses related to reproducing and delivering such data items to the Government.

b. Group II. Definition - Data which is essential to the performance of the primary contracted effort but the contractor is required to perform additional work to conform to Government requirements with regard to depth of content, format, frequency of submittal, preparation, control, or quality of the data item.

Estimated Price - Costs to be included under Group II are those incurred over and above the cost of the essential data item without conforming to Government requirements, and the administrative and other expenses related to reproducing and delivering such data item to the Government.

c. Group III. Definition - Data which the contractor must develop for his internal use in performance of the primary contracted effort and does not require any substantial change to conform to Government requirements with regard to depth of content, format, frequency of submittal, preparation, control, and quality of the data item.

Estimated Price - Costs to be included under Group III are the administrative and other expenses related to reproducing and delivering such data item to the Government.

d. Group IV. Definition - Data which is developed by the contractor as part of his normal operating procedures and his effort in supplying these data to the Government is minimal.

Estimated Price - Group IV items should normally be shown on the DD Form 1423 at no cost.

Item 18. For each data item, enter an amount equal to that portion of the total price which is estimated to be attributable to the production or development for the Government of that item of data. These estimated data prices shall be developed only from those costs which will be incurred as a direct result of the requirement to supply the data, over and above those costs which would otherwise be incurred in performance of the contract if no data were required. The estimated data prices shall not include any amount for rights in data. The Government's right to use the data shall be governed by the pertinent provisions of the contract.

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

C. CATEGORY: TDP ____ TM ____ OTHER ____

D. SYSTEM/ITEM

E. CONTRACT/PR NO.

F. CONTRACTOR

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1. DATA ITEM NO.: BW020
2. TITLE OF DATA ITEM: Equipment & Construction Warranties
3. SUBTITLE: N/A
4. AUTHORITY (Data Acquisition Document No.)
5. CONTRACT REFERENCE: Par. 6.1.8.15
6. REQUIRING OFFICE
7. DD 250 REQ
8. APP CODE
9. DIST STATEMENT REQUIRED
10. FREQUENCY: One time
11. AS OF DATE: As required
12. DATE OF FIRST SUBMISSION: See 16
13. DATE OF SUBSEQUENT SUBMISSION: As required
14. DISTRIBUTION

a. ADDRESSEE	b. COPIES Draft	Final Reg	Final Repro
CEHNC		1	
Installation		1	
Other			
15. TOTAL →		2	

16. REMARKS: In accordance with Contractor's approved schedule or as directed by the Contracting Officer.

17. PRICE GROUP
18. ESTIMATED TOTAL PRICE

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1. DATA ITEM NO.: BW021
2. TITLE OF DATA ITEM: Service Organizations
3. SUBTITLE: N/A
4. AUTHORITY (Data Acquisition Document No.)
5. CONTRACT REFERENCE: Par. 6.1.8.16
6. REQUIRING OFFICE
7. DD 250 REQ
8. APP CODE
9. DIST STATEMENT REQUIRED
10. FREQUENCY: One time
11. AS OF DATE: As required
12. DATE OF FIRST SUBMISSION: See 16
13. DATE OF SUBSEQUENT SUBMISSION: As required
14. DISTRIBUTION

a. ADDRESSEE	b. COPIES Draft	Final Reg	Final Repro
CEHNC		1	
Installation		2	
Other			
15. TOTAL →		3	

REMARKS: In accordance with Contractor's approved schedule or as directed by the Contracting Officer.

17. PRICE GROUP
18. ESTIMATED TOTAL PRICE

---

1. DATA ITEM NO.: BW022
2. TITLE OF DATA ITEM: As-Built Drawings
3. SUBTITLE: N/A
4. AUTHORITY (Data Acquisition Document No.)
5. CONTRACT REFERENCE: Par. 6.1.8.17
6. REQUIRING OFFICE
7. DD 250 REQ
8. APP CODE
9. DIST STATEMENT REQUIRED
10. FREQUENCY: One time
11. AS OF DATE: As required
12. DATE OF FIRST SUBMISSION: See 16
13. DATE OF SUBSEQUENT SUBMISSION: As required
14. DISTRIBUTION

a. ADDRESSEE	b. COPIES Draft	Final Reg	Final Repro
CEHNC		1	
Installation		2	
Other			
15. TOTAL →		3	

16. REMARKS: Submittals shall be as indicated in par. 10.1 of BW022.

17. PRICE GROUP
18. ESTIMATED TOTAL PRICE

---

1. DATA ITEM NO.: BW023
2. TITLE OF DATA ITEM: Site Specific ECSM Report
3. SUBTITLE: N/A
4. AUTHORITY (Data Acquisition Document No.)
5. CONTRACT REFERENCE: Par. 6.1.8.18
6. REQUIRING OFFICE
7. DD 250 REQ
8. APP CODE
9. DIST STATEMENT REQUIRED
10. FREQUENCY: One time
11. AS OF DATE: As required
12. DATE OF FIRST SUBMISSION: See 16
13. DATE OF SUBSEQUENT SUBMISSION: As required
14. DISTRIBUTION

a. ADDRESSEE	b. COPIES Draft	Final Reg	Final Repro
CEHNC		2	
Installation		2	
Other			
15. TOTAL →		4	

16. REMARKS: In accordance with Contractor's approved schedule or as directed by the Contracting Officer.

17. PRICE GROUP
18. ESTIMATED TOTAL PRICE

G. PREPARED BY: Phyllis McDonald
H. DATE: 3/19/97
I. APPROVED BY: [signature]
J. DATE: 3-19-97

INSTRUCTIONS FOR COMPLETING DD FORM 1423

(See DoD 5010.12-M for detailed instructions.)

FOR GOVERNMENT PERSONNEL

Item A. Self-explanatory.

Item B. Self-explanatory.

Item C. Mark (X) appropriate category: TDP - Technical Data Package; TM - Technical Manual; Other - other category of data, such as "Provisioning," "Configuration Management", etc.

Item D. Enter name of system/item being acquired that data will support.

Item E. Self-explanatory (to be filled in after contract award).

Item F. Self-explanatory (to be filled in after contract award).

Item G. Signature of preparer of CDRL.

Item H. Date CDRL was prepared.

Item I. Signature of CDRL approval authority

Item J. Date CDRL was approved.

Item 1. See DoD FAR Supplement Subpart 4.71 for proper numbering

Item 2. Enter title as it appears on data acquisition document cited in item 4.

Item 3. Enter subtitle of data item for further definition of data item (optional entry).

Item 4. Enter Data Item Description (DID) number, military specification number, or military standard number listed in DoD 5010 12-L (AMSDL), or one-time DID number, that defines data content and format requirements.

Item 5. Enter reference to tasking in contract that generates requirement for the data item (e.g., Statement of Work paragraph number).

Item 6. Enter technical office responsible for ensuring adequacy of the data item

Item 7. Specify requirement for inspection/acceptance of the data item by the Government.

Item 8. Specify requirement for approval of a draft before preparation of the final data item

Item 9. For technical data, specify requirement for contractor to mark the appropriate distribution statement on the data (ref DoDD 5230 24).

Item 10. Specify number of times data items are to be delivered.

Item 11. Specify as-of date of data item, when applicable.

Item 12. Specify when first submittal is required

Item 13. Specify when subsequent submittals are required, when applicable

Item 14. Enter addressees and number of draft/final copies to be delivered to each addressee. Explain reproducible copies in item 16

Item 15. Enter total number of draft/final copies to be delivered

Item 16. Use for additional/clarifying information for items 1 through 15. Examples are: Tailoring of documents cited in item 4; Clarification of submittal dates in items 12 and 13; Explanation of reproducible copies in item 14.; Desired medium for delivery of the data item

FOR THE CONTRACTOR

Item 17. Specify appropriate price group from one of the following groups of effort in developing estimated prices for each data item listed on the DD Form 1423.

a. Group I. Definition - Data which is not otherwise essential to the contractor's performance of the primary contracted effort (production, development, testing, and administration) but which is required by DD Form 1423.

Estimated Price - Costs to be included under Group I are those applicable to preparing and assembling the data item in conformance with Government requirements, and the administration and other expenses related to reproducing and delivering such data items to the Government

b. Group II. Definition - Data which is essential to the performance of the primary contracted effort but the contractor is required to perform additional work to conform to Government requirements with regard to depth of content, format, frequency of submittal, preparation, control, or quality of the data item

Estimated Price - Costs to be included under Group II are those incurred over and above the cost of the essential data item without conforming to Government requirements, and the administrative and other expenses related to reproducing and delivering such data item to the Government.

c. Group III. Definition - Data which the contractor must develop for his internal use in performance of the primary contracted effort and does not require any substantial change to conform to Government requirements with regard to depth of content, format, frequency of submittal, preparation, control, and quality of the data item.

Estimated Price - Costs to be included under Group III are the administrative and other expenses related to reproducing and delivering such data item to the Government

d. Group IV. Definition - Data which is developed by the contractor as part of his normal operating procedures and his effort in supplying these data to the Government is minimal.

Estimated Price - Group IV items should normally be shown on the DD Form 1423 at no cost.

Item 18. For each data item, enter an amount equal to that portion of the total price which is estimated to be attributable to the production or development for the Government of that item of data. These estimated data prices shall be developed only from those costs which will be incurred as a direct result of the requirement to supply the data, over and above those costs which would otherwise be incurred in performance of the contract if no data were required. The estimated data prices shall not include any amount for rights in data. The Government's right to use the data shall be governed by the pertinent provisions of the contract

DATA ITEM DESCRIPTION

FORM APPROVAL
OMB NO 0704-0188

2. TITLE: SITE SURVEY PROPOSAL

1. IDENTIFICATION NUMBER BW001

3. DESCRIPTION / PURPOSE

To provide details concerning the content and organization a site survey proposal.

4. APPROVAL DATE (YYMMDD)	5. OFFICE OF PRIMARY RESPONSIBILITY	6a. DTIC APPLICABLE	6b. GIDEP APPLICABLE

7. APPLICATION / INTERRELATIONSHIP:

This Data Item Description (DID) defines what information is to be included in a site survey proposal.

8. APPROVAL LIMITATION	9a. APPLICABLE FORMS	9b. AMSC NUMBER

10. PREPARATION INSTRUCTIONS Each site survey proposal shall be in accordance with this DID.

The contractor shall provide a site survey proposal unless otherwise directed by the contracting officer. The contractor shall describe the energy cost saving projects for which the contractor will search. The contractor shall provide a detailed listing of the tasks the contractor intends to perform at the site, including personnel and equipment needed to perform these tasks. The contractor shall describe any measuring or metering that the contractor intends to perform and how such tasks will be accomplished. The contractor shall specify any support that the contractor may require from the Government.

11. DISTRIBUTION STATEMENT

Exhibit C
DACA87-97- D-0064
Total 43 pages

DATA ITEM DESCRIPTION

FORM APPROVAL
OMB NO 0704-0188

2. TITLE: SITE SURVEY

1. IDENTIFICATION NUMBER BW002

3. DESCRIPTION / PURPOSE

To provide guidance to the contractor as to what a site survey should involve.

4. APPROVAL DATE (YYMMDD)	5. OFFICE OF PRIMARY RESPONSIBILITY	6a. DTIC APPLICABLE	6b. GIDEP APPLICABLE

7. APPLICATION / INTERRELATIONSHIP:

This Data Item Description (DID) gives overall parameters for conducting a site survey.

8. APPROVAL LIMITATION	9a. APPLICABLE FORMS	9b. AMSC NUMBER

10. PREPARATION INSTRUCTIONS Each site survey shall be in accordance with this DID.

Site surveys shall be performed as stated in the approved site survey proposal. The contractor shall survey the site, building, or area. The contractor shall review existing as-built drawings, maintenance records, and other pertinent documentation. The contractor shall interview onsite maintenance personnel and staff to determine the existing conditions of the site, building, or area to be surveyed. Potentially hazardous materials such as asbestos, lithium bromide refrigerant, light ballasts, lead piping, etc., shall be identified with the aid of installation documentation and personnel. Type, location, and amount of hazardous material shall be determined. The contractor shall identify areas where cost reductions may be realized by repairing, modifying, or replacing equipment or installing new equipment and facilities. As appropriate , the contractor shall conduct system/equipment tests to isolate and define problems. The contractor shall indicate areas which have been investigated and which do not warrant further efforts. The contractor shall indicate whether or not a feasibility study is warranted to determine technical and/or cost feasibility.

11. DISTRIBUTION STATEMENT

DATA ITEM DESCRIPTION

FORM APPROVAL
OMB NO 0704-0188

2. TITLE: SITE SURVEY REPORT

1. IDENTIFICATION NUMBER BW003

3. DESCRIPTION / PURPOSE

To document the results of the contractor's site survey relative to a proposed project.

4. APPROVAL DATE (YYMMDD)	5. OFFICE OF PRIMARY RESPONSIBILITY	6a. DTIC APPLICABLE	6b. GIDEP APPLICABLE

7. APPLICATION / INTERRELATIONSHIP:

This Data Item Description (DID) states the content requirements for a site survey report.

8. APPROVAL LIMITATION	9a. APPLICABLE FORMS	9b. AMSC NUMBER

10. PREPARATION INSTRUCTIONS Each site survey report shall be in accordance with this DID.

The contractor shall prepare and submit to the Government a site survey report for each site survey performed. The site survey report shall document all significant aspects of the survey, including but not limited to the problem under investigation, people contacted during the visit, relevant information obtained from site personnel, availability and quality of as-built drawings, maintenance records, measurements taken, equipment inspection details, determination of problem areas and recommendations to resolve the problems, and estimated energy cost-saving measure (ECSM) cost, if appropriate. Type, location, and amount of hazardous materials shall be documented along with a proposed method of labeling, handling, removal, and disposal. Removal of hazardous materials shall be in a manner that minimizes impact on the ECSM schedule. A proposed cost for this effort shall also be included. The report shall include a narrative describing the proposed ECSM in concept, accompanied by sketches of the proposed ECSM; descriptions of the equipment to be supplied. The contractor shall propose the details and scope of work for a feasibility study of ECSMs which are to be pursued. The contractor shall include a cost estimate of the proposed feasibility study. The proposed cost estimate will be negotiated with the Government and resubmitted as required.

11. DISTRIBUTION STATEMENT

DATA ITEM DESCRIPTION

FORM APPROVAL
OMB NO 0704-0188

2. TITLE: FEASIBILITY STUDY

1. IDENTIFICATION NUMBER BW004

3. DESCRIPTION / PURPOSE

To provide details of the cost feasibility of the proposed energy cost-saving measure (ECSM).

4. APPROVAL DATE (YYMMDD)	5. OFFICE OF PRIMARY RESPONSIBILITY	6a. DTIC APPLICABLE	6b. GIDEP APPLICABLE

7. APPLICATION / INTERRELATIONSHIP:

This Data Item Description (DID) identifies the Government requirements for feasibility studies to be performed under this ECSM.

8. APPROVAL LIMITATION	9a. APPLICABLE FORMS	9b. AMSC NUMBER

10. PREPARATION INSTRUCTIONS Each feasibility study shall be in accordance with this DID.

10.1 The contractor shall perform a life cycle cost analysis in accordance with National Institute of Technology and Standards Handbook 135, using the Department of Energy's Energy Escalation Rates and other applicable criteria as specified by the contracting officer for each ECSM. The report shall state the purpose of the study; identify pertinent data; list and discuss all assumptions, provide a detailed cost breakdown of the action, show calculations of all costs and savings, with a brief narrative describing each calculation, life cycle cost analysis yearly breakdown and results, recommendations, conclusions, an analysis for sensitivity of all significant variables and other pertinent data. The feasibility study shall document the technical approach of the ECSM including drawings, sketches, and equipment catalog cuts, to the extent needed to define the means and method of ECSM. This submittal should provide sufficient detail to present the concept of the design. The submittal shall include the proposed estimated cost to develop the design. The proposed estimated cost will be negotiated with the Government and resubmitted as required.

10.2 The contractor shall evaluate the financial aspects of the project from the contractor's and the Government's points of view taking in consideration the cost to develop the project and the cost to administer the contract. The contractor shall use the National Institute of Standards and Technology Handbook 135 life cycle cost procedures, energy escalation rates and discount rates when determining the life cycle cost of the project from the Government's perspective unless otherwise directed by the contracting officer. The contractor shall use the contractor's own financial criteria when determining life cycle cost of project from the contractor's perspective.

11. DISTRIBUTION STATEMENT

DATA ITEM DESCRIPTION

FORM APPROVAL
OMB NO 0704-0188

2. TITLE DESIGN

1. IDENTIFICATION NUMBER BW005

3. DESCRIPTION / PURPOSE

To provide details for the proposed ECSM design.

4. APPROVAL DATE (YYMMDD)	5. OFFICE OF PRIMARY RESPONSIBILITY	6a. DTIC APPLICABLE	6b. GIDEP APPLICABLE

7. APPLICATION / INTERRELATIONSHIP

This Data Item Description (DID) provides baseline requirements for a design package for an ECSM having a first cost greater than $100,000.

8. APPROVAL LIMITATION	9a. APPLICABLE FORMS	9b. AMSC NUMBER

10. PREPARATION INSTRUCTIONS

10. Design. ECSM design shall be in accordance with this DID if the first cost of the ECSM is greater than $100,000.

10.1 General.

10.1.1 ECSM design packages shall include procedures, drawings, specifications, design analyses, cost estimates, and other items as appropriate. The contractor shall prepare project design documentation and submit such documentation to the Government for review and approval. These design packages shall reflect the current level of design completion. Project drawings and specifications shall be certified by a registered professional engineer to ensure compliance with applicable State, local, and installation building codes. The design shall be in accordance with CEHND 1110-1-1, except as modified herein or as indicated by the contracting officer.

10.1.2 All project and associated equipment and facility installation design documentation shall comply with installation design and construction standards. These standards shall be the standards listed below or if other standards are used, such standards shall meet or exceed the stringency of the standards listed below.

American Association of State Highway and Transportation Officials (AASHTO)
American Concrete Institute (ACI)
American Society for Testing and Materials (ASTM)
American Society of Civil Engineers (ASCE)
American Society of Heating, Refrigerating and Air-Conditioning Engineers (ASHRAE)
American Society of Mechanical Engineers (ASME)
American Institute of Steel Construction (AISC)
American Water Works Association (AWWA
Architectural and Engineering Instructions (AEI)

11. DISTRIBUTION STATEMENT

Environmental Protection Agency (EPA)
Institute of Electrical and Electronic Engineers (IEEE)
Metal Building Manufacturers Association (MBMA
National Electric Code (NEC)
National Fire Protection Association (NFPA)
National Standard Plumbing Code (NSPC)
Occupational Safety and Health Act (OSHA)
Uniform Building Code (UBC)
Uniform Federal Accessibility (UFA)
U.S. Army Corps of Engineers Safety and Health Requirements (EM 385-1-1)
State, local, and installation safety documents applicable to the project
Applicable Army Technical Manuals (TM's)
Federal, state, and installation environmental codes and regulations

Dates current at the time of the ECSM award shall apply, and specific dates shall be identified in the ECSM. The listing above is presented to give the contractor insight into the nationally recognized standards desired; the Government reserves the right to require any specific standard based on design parameters.

10.1.3 In case of conflict among standards, the most stringent shall apply, unless otherwise specified by the contracting officer. In a case where additional standards are required, they shall be comparable in stringency to the standards listed above.

10.1.4 The listing of standard acronyms in 10.1.2 above is intended for information purposes only. Standards actually selected for use in the design shall be cited in the design document, spelled out, with exact standard number, given, and with issue date, at time of design. In addition, a list of standards referred to in the design document shall be presented in the design document.

10.1.5 Each submittal shall be accompanied by manufacturer- and contractor-supplemented data as needed to fully illustrate the design. The design packages shall be cross-referenced to previous submittals.

10.1.6 Submittals shall consist of printed copies (number of copies as specified by contract) of data, including drawings provided on 5-1/4-inch HD floppy disks in DOS format, compatible with the type of CADD system as indicated by the contracting officer and requiring no translation by the Government. Specifications shall reflect the drawings in all details and shall consist of one 8-1/2- by 11-inch manuscript copy on bond paper and one clear reproducible copy. One copy of all information in the specifications shall be submitted on 5-1/4- or 3-1/2- inch magnetic media diskettes compatible with IBM PC DOS and in the ASCII format. Design analyses shall be submitted in bound copy or in 3-ring binder. Cost estimates shall be submitted on a form which details the itemization as required herein. One set of printed copies will be returned to the contractor marked up to show the required corrections or to indicate approval. For minor corrections, comments will be provided on 8-1/2- by 11-inch forms.

10.2 Preliminary Design. The preliminary design shall provide a complete description of the proposed project, the standards to be used in the final design, and the estimated cost to construct the ECSM. The preliminary design be prepared to conform with the following detailed instructions.

10.2.1 Drawings. Preliminary plans shall be prepared to contract-drawing scale and, as appropriate, shall include but not be limited to the following:

10.2.1.1 Site plan, showing new and existing contours, controlling grades, storm drainage, and the relation of buildings to existing or proposed roads, streets, parking areas, rail sidings, utilities, floor elevations, and controlling grades.

10.2.1.2 Floor plans, showing dimensions and functional arrangement of areas, including corridors, exits, stairs, and utility spaces, properly related to exterior access, vehicle parking, service areas, etc. Individual treatment shall be given to special designs or items involving deviation from normally accepted standards. Pertinent information regarding fire-prevention and safety requirements shall be indicated. Gross floor areas shall be shown for each floor and for the entire building. Column lines shall be designated to aid in location of project components.

10.2.1.3 Elevations and sections, showing story heights, fenestrations, suspended ceilings (if any), and partitions in relation to finish grades. They shall show materials, thicknesses, methods of attachment, and relation of fenestration to supporting columns or walls.

10.2.1.4 Elevations, sections, and plans showing foundations, floors, walls, and roof- framing systems, with sizing of typical members. Typical sections shall indicate the methods of framing. Design loadings shall be noted on the drawings.

10.2.1.5 Mechanical features, showing heating, ventilation, air-conditioning, plumbing, elevators, material- handling equipment, and the location,capacity, and space requirements of major equipment items. Double-line layout and riser diagrams of piping, ducts, and equipment shall be shown. The operating range or capacity for heating, ventilation, air-conditioning, and refrigeration equipment shall be clearly stated. .

10.2.1.6 Electrical features (including power generation and distribution, lighting, communications, instrumentation, and electronic equipment) showing sufficient detail to allow the preparation of an estimate of the cost of the facility's electrical features. Power features shall include a single-line diagram which indicates service equipment, substations, motor control centers, feeders, and panels. Panelboard schedules for individual loads shall be furnished. The design analysis shall reflect a complete load study based on known and estimated loads. Location, capacity, and space requirements of major items of equipment, including interior substations, service equipment, motor control centers, and panels, shall be shown. Lighting features shall indicate typical lighting arrangements, types of fixtures proposed, and lighting levels required. Riser diagrams shall indicate items of equipment for each different type of system, such as fire alarm, communication, instrumentation, television, and others as required. The drawings shall indicate and describe all electrical interfaces required by the criteria.

10.2.1.7 Drawings shall provide equipment schedules and identification tag numbers. Tag numbers shall be developed in accordance with HNDP 1115-3-3. For large and complex systems that are critical to operation and maintenance , safety, and logistics, the contractor shall provide equipment operating parameters as directed by the contracting officer.

10.2.2 Specifications. Preliminary specifications shall be provided as part of the preliminary design submittal. The specifications shall clearly specify all products to be installed and the required installation procedures. The format of the specifications shall be based upon the Corps of Engineers Guide Specifications (CEGS). Specifications shall also include all demolition requirements. Specifications shall be compatible with the level of design completion and shall accompany the drawings. When a specifications section for a portion of the work is not available for markup, equivalent to CEGS's in format and content, a complete section shall be prepared.

10.2.2.1 Current CEGS and other agency specifications complete with current revisions (specification revisions) and notices (change to existing specification) incorporated are available on compact disc from the National Institute of Building Sciences (NIBS), Washington, DC 20005, Telephone No. (202) 289-7800. This disk is the database for the SPECSINTACT System which is an automated specification processing system in use by the Corps of Engineers. This disc contains other Government agency specifications as well as the CEGS. For projects involving small quantities of CEGS, the specifications may be obtained from the contracting officer on 3-1/2 or 5-1/4 inch IBM compatible diskettes employing the ASCII format.

10.2.3 Fire protection and code analysis sheet. A fire protection and code analysis sheet that describes how the proposed building meets the requirements of the applicable code shall be submitted. A plan of the facility which shows locations of fire-rated assemblies, fire separation walls, and fire partitions shall be drawn.

10.2.4 Design Analysis. A design analysis shall be submitted in support of information depicted on the preliminary plans. The design analysis is a written explanation of a project design which is expanded and revised with each phase of the project design. The written material may be illustrated by diagrams and sketches that aid in the understanding of design concepts. The design analysis shall include a summary of the design philosophy and assumptions, the history of the project, and reference sources such as criteria furnished by the contracting officer, letters, codes, conference minutes, and pertinent research. It shall also contain outline specifications and design calculations, both computerized and manual. In addition, catalog cuts and manufacturer's data for all equipment items shall be submitted. Finally, the design analysis shall document significant design choices, that is, it shall outline alternative systems, arrangements, and hardware that were considered in arriving at the recommended concept and

the rationale for selection of the alternatives recommended. The design analysis shall include appropriate analyses (i.e., life cycle cost analysis of the design alternative considered, constructibility analysis, etc.). The justification of each major selection and design decision must be stated clearly, and it shall be in sufficient detail to permit verification that the concept design complies with the criteria and conforms to applicable codes and standards. This comprehensive design analysis shall be submitted as required in chapter 2, Presentation of Data, of CEHND 1110-1-1.

10.2.5 Preliminary Cost Estimate. The preliminary cost estimate accompanying each package shall be detailed, as a minimum, as shown below, based on the current level of design.

a. Description of item/service.
b. Quantity of item/service.
c. Unit of measure for items/service.
d. Man-hours per unit of measure to install/test/service
e. Material cost for item/service
f. Equipment cost associated with item (if applicable).
g. Special services (factory technicians, test labs, etc.) required.
h. Subcontractor work.
i. Margin

The details indicated above shall be arranged in a logical manner, with mathematical summations at suitable positions. Wage rates utilized in crew rates shall be identified as to crew composition by trade, with base rate and fringes detailed separately.

10.3 Final Design. The final plans shall contain the necessary details for all phases of the project and must be sufficient to attract competitive bids and afford a clear understanding of the job throughout construction.

10.3.1 Final Design Specifications. The contractor shall prepare specification sections (Construction Specification Institute (CSI) Divisions 1 through 16) as required to detail the project and supplement the drawings for the project. Other documents to be prepared and submitted with the specifications include a cover sheet, table of contents, list of Government-furnished equipment, list of proprietary items, statement of work sequence, and statement of construction duration, as well as any other documents needed to complete the project specifications package.

10.3.2 Final Design Analysis. The final design analysis shall be submitted with the final drawings and specifications.

10.3.3 Final Cost Estimate. A final cost estimate, based on the final drawings and specifications shall be submitted. This cost estimate shall be detailed as previously described. The estimate shall be a corrected, expanded version of the cost estimate previously submitted.

10.3.4 Other Cost Estimates. Cost estimates for training, preparation of O&M manuals, and proveout shall also be submitted.

10.3.5 Cost Estimate Submittal. All cost estimates shall be submitted, under separate cover, with the design.

10.3.6 Life Cycle Cost Analysis (LCCA). The LCCA which was provided during the feasibility stage shall be updated with design specific data as required.

10.4 Submittal Form. All submittals required under this DID shall be itemized on an Engineering Form 4025, which shall accompany the submittal.

DATA ITEM DESCRIPTION

FORM APPROVAL
OMB NO 0704-0188

2. TITLE: DESIGN

1. IDENTIFICATION NUMBER BW005A

3. DESCRIPTION / PURPOSE

To provide details for a proposed energy cost-saving measure (ECSM) design.

4. APPROVAL DATE (YYMMDD)	5. OFFICE OF PRIMARY RESPONSIBILITY	6a. DTIC APPLICABLE	6b. GIDEP APPLICABLE

7. APPLICATION / INTERRELATIONSHIP:

This Data Item Description (DID) describes the details required in a design for an ECSM having a first cost of less than $100,000.

8. APPROVAL LIMITATION	9a. APPLICABLE FORMS	9b. AMSC NUMBER

10. PREPARATION INSTRUCTIONS The design shall be in accordance with this DID if the first cost of the ECSM is less than $100,000.

10.1 The design shall consist of documentation of the design analysis performed in order to select equipment and material, single-line drawings and detailed double-line shop/installation drawings to show the location and relationship of all equipment and material, catalog cuts and/or equipment specifications as needed to document the materials to be used, manufacturers' installation procedures or execution specifications as needed to indicate the methods and means of installation, and the codes and standards to which the ECSM shall adhere. Corps of Engineers and other Army design requirements and criteria shall be adhered to in all aspects of the design. Single-line drawings shall include, but not be limited to, floor plans, utility and equipment layout drawings, foundation plans, demolition drawings, control drawings, and P&I diagrams as needed to completely define the ECSM when viewed in conjunction with shop drawings, catalog cuts, and manufacturers' installation requirements. A demolition plan shall be prepared to indicate the disposition of all removed material, equipment, and debris. The design shall include a proposed schedule for all activities required by this contract to implement the ECSM.

10.2 To obtain competition with respect to equipment purchase and any subcontracted labor, the contractor shall prepare preliminary drawings with equipment schedules as needed and forward these to a minimum of two distinct suppliers (i.e., supplier's having no common brand name affiliation with each other or with the contractor) of each piece of equipment required. The contractor shall receive supplier/subcontractor quotes broken down into distinct equipment costs and installation costs in terms of man-hours, costs and skills. These quotes shall be forwarded to the Government as part of the design submittal. The contractor shall select the responsive and responsible suppliers/subcontractors with the lowest price and proceed with the development of shop/equipment installation drawings for the specific equipment selected.

11. DISTRIBUTION STATEMENT

The contractor shall also compile equipment catalog cut sheets with manufacturers' specifications and manufacturers' installation procedures or execution specifications from the selected suppliers. The contractor shall then complete the drawings and prepare specifications in such detail as is required to tie together the shop drawings, catalog cuts, and installation requirements into a comprehensive package that defines the ECSM such that the Government can perform a detailed independent cost estimate. The contractor cost estimate, as a minimum, shall be detailed enough to indicate:

a. Description of item/service.
b. Quantity of item/service.
c. Unit of measure for item/service.
d. Man-hours per unit to install/test/service.
e. Material cost for item/service.
f. Equipment cost associated with item/service (with manufacturers' price quotes).
g. Special services (factory technicians, test labs, etc.) required.
h. Subcontractor work.
i. Margins.

The details indicated above shall be arranged in a logical manner, with mathematical summations at suitable locations. Wage rates utilized in determining crew rates shall be identified as to crew composition by trade, with base rate and fringes detailed separately.

10.3 Cost estimates for training, preparation of operation and maintenance manuals, and proveout shall also be submitted.

10.4 All cost estimates shall be submitted, under separate cover, with the design.

10.5 All submittals required under this DID shall be via an Engineering Form 4025, which shall accompany the submittal.

DATA ITEM DESCRIPTION

FORM APPROVAL
OMB NO 0704-0188

2. TITLE: ECSM PROPOSAL

1. IDENTIFICATION NUMBER BW006

3. DESCRIPTION / PURPOSE

To provide a detailed energy cost-savings analysis, with a thorough description of all assumptions, all calculations used to derive the savings prediction, and supporting documentation such that the Government can completely verify the accuracy and logic of the savings estimate.

4. APPROVAL DATE (YYMMDD)	5. OFFICE OF PRIMARY RESPONSIBILITY	6a. DTIC APPLICABLE	6b. GIDEP APPLICABLE

7. APPLICATION / INTERRELATIONSHIP:

This Data Item Description (DID) describes the details required for a ECSM proposal.

8. APPROVAL LIMITATION	9a. APPLICABLE FORMS	9b. AMSC NUMBER

10. PREPARATION INSTRUCTIONS

The ECSM proposal shall include the approved final design, submitted in accordance with DIN BW005 or BW005A, as appropriate, and the proposal defined herein. A narrative executive summary which defines the effort to be performed shall be provided. The narrative shall briefly cover the design of the system/modification to be provided and each major topic indicated below.

10.1 Savings Estimate

10.1.1 Energy Cost-Savings Estimate. The contractor shall provide a detailed energy savings analysis with a thorough description of all assumptions, all calculations used to derive the savings prediction, and supporting documentation such that the Government can completely verify the accuracy and logic of the savings estimate. If a computer program is used to calculate the savings, a step-by-step hand calculation which shows the procedure and logic used by the software shall be provided. For example, if a computer program is used to determine the energy used to heat and cool a building before and after an insulation retrofit, a simplified hand calculation which verifies the order of magnitude of the results and presents the logic and assumptions used by the software shall be provided. An electronic copy of the program file shall be provided for Government inspection and review, along with access to the software used to generate the program.

10.1.2 Ancillary-Savings Estimate. An estimate of ancillary savings shall be submitted. The estimate shall include a narrative which describes the operation, maintenance, and repair cost currently being borne by the Government for which the contractor is either going to assume responsibility or eliminate. The cost of operation, maintenance, and repair is subject to review, modification, and approval by the Government.

10.2 Energy Cost-Savings Determination Method. The contractor shall provide a proposal which indicates how savings generated by contractor efforts during the life of the energy cost-saving measure (ECSM) will be determined.

11. DISTRIBUTION STATEMENT

10.2.1 Baseline Energy Usage. The contractor shall submit for review and approval the method and means the contractor plans to use to predict the amount of energy the system in question would have used had the contractor not implemented the ECSM. The contractor shall submit all supporting documentation used to arrive at this baseline, along with a narrative which completely and clearly describes the methodology employed and the assumptions made. The contractor shall indicate how this baseline affects other baselines already in effect for other projects, how this baseline may impact baselines for future projects, and how future energy cost-saving projects implemented in the area by parties other than this contractor may affect this baseline

10.2.2 Actual Energy Usage. The contractor shall submit for review and approval the method the contractor plans to use to measure or calculate the amount of energy the system uses after implementation of the ECSM. The contractor shall submit all supporting documentation, along with a narrative which completely and clearly describes the methodology to be used to determine actual energy usage and the assumptions made. The contractor shall indicate how this actual energy usage determination method affects others already in effect for other projects, how it may affect future projects, and how future energy projects implemented in the area by parties other than this contractor may affect the proposed actual energy usage determination method. The contractor shall indicate if additional meters will be required. If additional meters will be needed, the contractor shall indicate where they will be provided, what type meters will be installed, how the meters will be monitored, and when they will be read.

10.3 Ancillary Cost-Savings Determination Method. The contractor shall submit the contractor's proposed method of determining ancillary cost savings during the life of the ECSM. The method may include adjustments for cost inflation and equipment deterioration during the term of the ECSM, if appropriate. The Government may require changes to the methodology to reflect real world funding constraints.

10.4 Energy and Maintenance Savings-Sharing Arrangement. The contractor shall propose the savings-sharing arrangement by which the portion of the verified savings which the contractor will receive will be determined. The method selected should minimize the impact on the contractor of factors beyond the contractor's control. For example, the contractor might install a propane-air mixing plant to use as a backup to the natural gas supply so that the installation could procure natural gas at an interruptible rate. Since the savings generated by this effort would increase with the Government's usage of its natural gas-burning facilities and decrease as the Government reduced usage of its natural gas-burning facilities, sharing the savings on a percentage basis would vary the contractor's payment based on natural gas-burning facility usage, which might not be under the contractor's control. In such a case as this, a fixed-price payment subject to available savings might be the most appropriate arrangement since the contractor would receive a negotiated fixed payment as long as the contractor provided a reliable backup to the natural gas supply and as long as the Government used enough natural gas to create sufficient savings to cover the contractor's payment. If, on the other hand, the project in question consisted of an extensive retrofit in the family-housing area, then payment to the contractor based on a percentage of verified savings might be the most appropriate arrangement, since the contractor's efforts would control the potential savings and this payment scheme would encourage the contractor to work hard to maximize savings in which the contractor would share. The Government has the right to modify the method proposed to ensure that the payment determination scheme places the risk on the appropriate party and motivates the contractor to perform to the contractor's maximum potential. The contractor has the right not to perform the ECSM if the contractor does not accept the modified payment determination method. The method selected may be a combination of a fixed- price payment subject to available savings and a percentage sharing of the remaining savings, if appropriate. The following are examples of how payments may be determined, but the method selected is not limited to the examples presented herein.

10.4.1 Contractor Payment Methodology

10.4.1.1 Percent-Derived Method. This method may best be utilized when savings are primarily controlled by the contractor's actions. The negotiations between the Government and the contractor will deal with technology type, cost to develop the ECSM, financing term, monthly payment, percentage of savings to the contractor, baseline methodology, and length of the contract. At the time of negotiation, the contractor will already have bid a percent margin or markup for all technology types and a financing rate. The proposed percent margins and financing rate will be used in determining the monthly payment that the contractor will receive.

The following example illustrates how the energy cost saving sharing arrangement will be developed.

Assume that the Government and the contractor have agreed on an ECSM which results in the contractor desiring a total monthly payment of $7567.31 (See Section B for the method of determining this payment). This desired payment is the basis for the energy cost-savings sharing arrangement.

Assume that the Government decides to utilize a fixed unit price of energy for the term of the ECSM to determine savings and that the annual savings generated by the ECSM are estimated to be:

Energy: $200,000

Maintenance: $20,000

The contractor may also propose a percentage of savings that the contractor wishes to receive. Assume, for example, that the total savings for the month is:

Energy $200,000/12 = $16,667 per month

Maintenance: $20,000/12 = $ 1,667 per month

Total Savings = $18,334 per month

contractor bid percent = $7567.31/$18,334 = 0.4127 or 41.3 percent

Therefore, the contractor would propose to receive 41.3 percent of the savings for the 5 years.

10.4.1.2 Straight Dollar Method. This method may be best utilized when savings are controlled primarily by factors outside the contractor's control. The negotiations between the Government and the contractor will deal with technology type, cost to develop the ECSM, financing term, monthly payment, baseline methodology, and length of the contract. At the time of negotiation, the contractor will already have bid a percent margin or markup for all technology types and a financing rate. The proposed percent margins and financing rate will be used in determining the monthly payment the contractor will receive.

The following example illustrates how the energy cost saving sharing arrangement will be developed.

Assume that the Government and the contractor have agreed on an ECSM which results in the contractor desiring a total monthly payment of $7567.31 (See Section B for the method of determining this payment). This desired payment is the basis for the energy cost-savings sharing arrangement.

Assume that the Government decides to utilize a fixed unit price of energy for the term of the ECSM to determine savings and that the annual savings generated by the ECSM are estimated to be:

Energy: $200,000

Maintenance: $20,000

The contractor may also propose a straight dollar payment that the contractor wishes to receive. Assume, for example, that the total savings for the month is :

Energy $200,000/12 = $16,667 per month

Maintenance $20,000/12 = $1,667 per month

Total Savings = $18,334 per month

Since the savings per month ($18,334) exceeds the desired payment ($7567.31), the contractor will receive this monthly payment as long as there are sufficient energy and ancillary cost savings available. In a case where sufficient funds are not available in any given month due to factors beyond the contractor's control, the amount due to the contractor will be added to the next month's bill (interest free). If at the end of a delivery order the contractor has not received all payments due to the contractor, the delivery order may be extended (at the contracting officer's direction)

to allow the contractor to receive all payments due. The delivery order extension will not exceed the contract term.

10.4.1.3 Other Payment Determination Methods. These examples are only suggested ways to determine payment. The contractor's payment may be determined by a combination of these two methods or can be determined in another manner. The payment determination method should be structured to place the risk with the party that controls the factor (s) causing the risk. For example, if the contractor repairs, cleans, and modifies a boiler to increase its efficiency, the total dollar savings generated by the project depends on how much the Government uses the boiler. Therefore, total dollar savings may be affected by the Government, and it may be appropriate to place the risk associated with boiler usage fluctuations on the Government by paying the contractor via the straight dollar method. On the other hand if the contractor undertakes an electrical demand reduction project which involves the installation of electric generators to reduce the billing demand, then the performance of the contractor greatly affects the savings generated and, therefore, the percent-derived method may be appropriate.

10.5 Maintenance and Repair. The contractor shall submit the contractor approach to maintenance and repair of the systems to be modified by this ECSM as appropriate. The contractor shall describe the maintenance and repair organization to be utilized in this effort. The contractor shall describe in detail the maintenance and repair tasks to be performed, the number of maintenance personnel on site, the qualifications and duties of the personnel, and the personnel schedules. The contractor shall provide specific details and plans for scheduled, preventive, unscheduled, and emergency maintenance and repair. The contractor shall explain all contractual relationships involved if the maintenance and repair service is to be provided by a firm (s) other than the contractor. The contractor shall discuss how the contractor will interface with others who may have maintenance responsibility in the same area. The contractor shall describe how the contractor proposes to receive and respond to both routine and emergency requests for maintenance and repair services, including response times for both and maximum times for completion of repair of failures which may require the removal of equipment from service or limit the equipment's effectiveness. The contractor shall indicate spare parts availability. The contractor shall discuss service equipment and tools needed to perform contractor duties and how the need for this equipment will be met. The contractor shall define specifically the boundaries of the maintenance effort for which the contractor proposes to assume responsibility. In some cases, the Government may provide maintenance and repair services. The Government will be responsible for maintenance and repair of Government-owned, contractor-modified systems only if so stated in the approved ECSM and only if the contractor specifically absolves the Government of liability for lost savings due to Government action or inaction. The ECSM shall also state that the Government is responsible for providing only such maintenance and repair services as are within the Government's capability, recognizing that funding and personnel resource limitations may at some point during the term of the ECSM limit the maintenance and repair efforts that the Government can provide.

10.6 Operation. The contractor shall explain the contractor approach to operation of the ECSM if appropriate. The contractor shall describe in detail the operation tasks to be performed, the number of operators on site, the qualification duties of the operators, and the operator schedule. The contractor shall describe all contractual relationships involved if operation is to be provided by a subcontractor. The contractor shall indicate what conditions the systems and services the contractor will provide will be contractually obligated to maintain, such as minimum and maximum space temperatures, lighting levels, flow rates, steam pressure and quality, reliability and availability, and other conditions pertinent to the ECSM.

10.7 Schedule. The contractor shall provide a computer-generated schedule which indicates all major activities to be performed by the contractor from the construction phase of the ECSM through completion of training and project documentation, including but not limited to obtaining of permits, acquisition, mobilization, construction, utility outages, testing, inspection and approval, training, as-built drawing submittal, O&M manual submittal, and final remediation report submittal.

10.8 Cancellation Schedule. The contractor shall submit the proposed cancellation schedule for the work if the contract is terminated for convenience.

10.9 Training. The contractor shall submit a proposed Government employee training plan. All ECSM's which will change equipment operation, maintenance, or repair practices, even if the contractor plans to assume these responsibilities, shall include provisions for the training of an appropriate number of Government employees with respect to the new practices. This requirement is intended to ensure that if during a National Security emergency the post had to be closed to all but Government personnel, the Government personnel would have the knowledge needed

to successfully operate the contractor's systems. If the ECSM is small or uncomplicated, the training may consist of a brief field tour and an opportunity for Government personnel to question the instructor with respect to system configuration and operation . With respect to larger or more complicated systems, the training would be more extensive, involving a formal training course. Submitted information shall include a training synopsis, a list of the equipment which the training will cover, course duration with a breakdown of classroom field training hours, instructor's qualifications, and course material to be provided.

10.10 Government Responsibilities. The contractor shall specify all areas of project implementation for which the contractor will expect the Government to be responsible.

10.11 Interface with Existing ECSMs. If appropriate, the contractor shall specify how the ECSM will interface with existing and proposed ECM's. The contractor shall describe any changes in the savings or the savings determination method of other existing ECSM's necessitated by this ECM.

10.12 Utility Coordination. The contractor shall specify all contractor coordination with local utility companies, including electric, natural gas. telephone, and others as appropriate, needed to implement the ECSM.

10.13 Permits, Licenses, Approvals, and Certifications. Specify any permits, licenses, approvals, and certificates of compliance/acceptability that the contractor will be required to obtain in order to perform the ECSM. The contractor indicate timeframes for obtaining these items.

10.14 Environmental. The contractor specify any environmental studies which may be required prior to implementation of the ECSM, indicating who will perform the effort.

10.15 Management

10.15.1 Resumes and Organizational Chart. The contractor shall provide resumes of key individuals, in each functional area, who would be involved with the project.. Functional areas include overall management, construction , quality control, operation, maintenance and repair, savings verification, and billing. Each resume shall cite education, dates of employment, pertinent experience, professional licenses held, labor category, and organizational position (corporate and project). The contractor shall specify how continuity of performance would be retained in the absence of key individuals. The contractor shall provide an organizational chart which shows the interrelationships of personnel within the contractor's firm and also between the contractor and subcontractor(s) organization.

10.15.2 If subcontractors who were not team members during the original proposal phase of this contract are proposed or team member, the contractor shall provide information documenting the past experience of the new subcontractor in the type of project proposed or similar projects. A narrative which describes the subcontractor's company history, organization, and experience with particular emphasis on corporate experience, in each subcontractor's work area. The submittal shall include a list of projects of similar nature and size as the proposed project, which the subcontractor has completed, including information on the project type and size, year completed, and the responsibility held by the subcontractor in question. The contractor shall describe any past working relationship with the subcontractor.

10.16 Financing Strategy. If the ECSM is to be debt funded, the contractor shall submit a list the providers of debt and equity funding who have expressed an interest in and are likely to finance the project. The contractor shall describe the proposed financing strategy. This description shall include a discussion of financial structure, i.e., the debt equity ratio; debt terms, including fixed or floating interest rate, term of debt, and type of amortization; and all equity investors. The contractor shall provide a letter from at least one financial institution stating that the institution has reviewed the proposal from both a technical and a financial standpoint and is interested in funding the ECSM.

10.17 Risk Mitigation. The contractor shall specify the major areas of financial risk associated with the construction, financing, operation, maintenance, and cash flow for the proposed ECSM and shall specify who assumes each risk, how the risk is or mitigated, and what impact an unmitigated risk may have on the Government or the contractor. The contractor shall describe any special contract provisions proposed to minimize the risk. The contractor shall describe any financial risk for which either party may retain but for which the party may have limited control or responsibility. The contractor shall specify the methods to be employed by the contractor or expected by the contractor to be employed by the Government to minimize the impact of the risk. The contractor shall specify

methods to be utilized by the contractor to minimize problems during periods of negative cash flow, such as sinking funds, credit backing, project diversity, or deferred principle payments.

10.18 Ownership. The contractor shall provide a certified list of equipment, material, tools, software, licenses, and other items which will become Government property at the completion of the ECSM at no cost to the Government. The contractor shall include with this list a description, model number, serial number, location, and other identifiers as appropriate.

10.19 Estimated Costs. The contractor shall provide a detailed cost estimate of all nonconstruction activities which are considered allowable costs in accordance with section B of this contract. These costs include but are not limited to operation, maintenance, repair, and training costs. These estimated costs and the resulting savings-sharing arrangement will be compared to the independent Government estimates to determine compliance with the cost provisions of this contract.

DATA ITEM DESCRIPTION

FORM APPROVAL
OMB NO 0704-0188

2. TITLE: PRELIMINARY PROJECT MEETING

1. IDENTIFICATION NUMBER BW007

3. DESCRIPTION / PURPOSE

To assure familiarity with details of the Contract and to allow the Contracting Officer, or authorized representative, to interface with the Contractor and his/her organization.

4. APPROVAL DATE (YYMMDD)	5. OFFICE OF PRIMARY RESPONSIBILITY	6a. DTIC APPLICABLE	6b. GIDEP APPLICABLE

7. APPLICATION / INTERRELATIONSHIP:

This Data Item Description (DID) provides a baseline for the preliminary project meeting.

8. APPROVAL LIMITATION	9a. APPLICABLE FORMS	9b. AMSC NUMBER

10. PREPARATION INSTRUCTIONS The pre-construction conference shall be held in accordance with this Data Item Description.

10.1 General

10.1.1 This conference will be held at the location specified by the Contracting Officer, or authorized representative. The purpose of this pre-construction conference is to enable the Contracting Officer, or authorized representative, to outline the procedures that will be followed by the Government in its administration of the contract and to discuss the performance that will be expected from the Contractor. This conference will allow the Contractor an opportunity to ask questions about the Government's supervision and inspection of contract work, security requirements, regulations, etc. The Contracting Officer, or authorized representative, may invite installation, using service, engineering, and/or security personnel as well as other involved Government personnel as well as other involved Government personnel to attend this conference.

10.1.2 Discussion Items

The following is a list of items for discussion during this conference. This is not considered to be a complete listing.

(a) Authority of the Contracting Officer, or authorized representative, and procedures for administering the contract.

(b) Contractor labor standards provisions.

(c) Contract modification and administration procedures.

(d) Contractor insurance requirements.

(e) Contractor performance evaluation.

11. DISTRIBUTION STATEMENT

DATA ITEM DESCRIPTION

FORM APPROVAL
OMB NO 0704-0188

2. TITLE: SHOP DRAWINGS

1. IDENTIFICATION NUMBER: BW008

3. DESCRIPTION / PURPOSE

Catalog cuts, manufacturers' literature or data, drawings, design calculations and other data as specified showing details of proposed equipment, construction, and installation.

4. APPROVAL DATE (YYMMDD)	5. OFFICE OF PRIMARY RESPONSIBILITY	6a. DTIC APPLICABLE	6b. GIDEP APPLICABLE

7. APPLICATION / INTERRELATIONSHIP:

This Data Item Description (DID) provides for shop drawings resulting from the effects of this ECSM.

8. APPROVAL LIMITATION	9a. APPLICABLE FORMS	9b. AMSC NUMBER

10. PREPARATION INSTRUCTIONS

10.1 Submittal. Shop drawings shall be itemized and submitted on Engineering Form 4025. The term "shop drawings" as used herein includes catalog cuts, manufacturers' literature or data, drawings, design calculations with associated data, performance curves, equipment specification sheets, critical dimension sketch (internal clearances) and other information as specified, showing details of proposed equipment and/or installations. Shop drawings shall be submitted to the Contracting Officer for review and approval. Shop drawings shall be complete, shall contain all required detailed information, and shall be submitted in logical order to facilitate proper coordination and review. Submittals on component items forming a system or that are interrelated shall be submitted at one time as a single submittal in order to demonstrate that the items have been properly coordinated and will function as a unit. For the initial submittal on shop drawings, other than descriptive literature, the Contractor shall furnish two brown line reproducible intermediate (sepia) and five copies. In addition, the Contractor shall furnish one camera ready original reproducible (reproduction of manufacturer's standard issue is not acceptable) and 5 sets of catalog cuts, manufacturers' literature or data, design calculations with associated data, performance curves, equipment specification sheets, critical dimension sketch (internal clearances) and other information as specified, showing details of proposed equipment, construction and/or installations.

10.1.1 Shop drawings, other than descriptive material such as catalog cuts and manufacturers' literature or data, shall be submitted on standard full size sheets (30" by 42") or half size sheets (15" by 21"). Reproducibles shall be sharp in detail, and suitable for making quality reproductions and for microfilm copying; copies shall be black-on-white or blue-on-white; blueprints are not acceptable. All prints accompanying reproducibles shall be produced from the reproducibles submitted. Quality of the reproducibles and prints of reproducibles shall be checked prior to submitting for approval.

10.1.2 Catalog cuts and other descriptive data which has more than one model, size, or type, or which shows optional equipment shall be clearly marked to show the model, size, or type, and all optional equipment which is proposed for approval. Approval by the Contracting Officer will be applicable only to those shop drawings and other submittals requiring approval action by the Government.

11. DISTRIBUTION STATEMENT

10.2 Approval. When approved by the Contracting Officer, each copy of the drawings will be identified as having received approval by being so stamped and dated. One reproducible copy will be returned to the Contractor and one reproducible copy will be retained by the Contracting Officer. The approval of the drawings by the Contracting Officer shall not be construed as a complete check, but will indicate only that the general method of construction and detailing is satisfactory. Contracting Officer's approval of drawings will not relieve the Contractor of the responsibility for any error which may exist, as the Contractor shall be responsible for the dimension and design of adequate connections, details, and satisfactory construction of all work. In addition, the approval by the Contracting Officer will not relieve the Contractor from his responsibility for deviations from drawings or specifications unless he has, in writing, called attention to the deviations and the Contracting Officer approves the change or deviations, in writing, at the time of submission. Nor will it relieve him from the responsibility for any errors of any kind in approved drawing schedules. When the Contractor does call the deviations to the attention of the Contracting Officer, he shall state in his letter whether or not such deviations involve any cost adjustment. If this is not mentioned, it will be presumed that no extra cost is involved in making the change. However, failure to mention deviations which should result in a credit to the Government will not prevent subsequent credit to the Government. In the absence of approval, deviations shall not be performed, and if performed, it shall be at the Contractor's expense.

10.3 Resubmittal. If shop drawings are not approved, requiring submittal, the Contractor shall take all necessary corrective action and resubmit for approval within 10 calendar days after receipt of notice from the Contracting Officer or his authorized representative. Resubmitted drawings or other data shall show all changes and revisions noted on the drawing or noted in the comments during review.

DATA ITEM DESCRIPTION

FORM APPROVAL
OMB NO 0704-0188

2. TITLE: QUALITY CONTROL PROGRAM

1. IDENTIFICATION NUMBER BW009

3. DESCRIPTION / PURPOSE

Implementation and documentation of a comprehensive contract quality control program for the ECSM construction and operations, maintenance, and repair activities.

4. APPROVAL DATE (YYMMDD)	5. OFFICE OF PRIMARY RESPONSIBILITY	6a. DTIC APPLICABLE	6b. GIDEP APPLICABLE

7. APPLICATION / INTERRELATIONSHIP:

This Data Item Description (DID) identifies the contract requirements for the quality control program.

8. APPROVAL LIMITATION	9a. APPLICABLE FORMS	9b. AMSC NUMBER

10. PREPARATION INSTRUCTIONS The quality control program shall be in accordance with this Data Item Description unless otherwise indicated or modified in the ECSM.

10.1 Inspection System

10.1.1 General. The Contractor shall provide and maintain an effective quality control program or Contractor inspection system which will assure that all supplies and services required under the contract conform to contract requirements whether constructed or processed by the Contractor, or procured from subcontractors or vendors. The Contractor shall perform or have performed the inspections and tests required to substantiate that all supplies and services conform to drawings, specifications, and contract requirements and shall also perform or have performed all inspection and tests otherwise required by the contract unless the required inspection and/or test is specifically designated to be performed by the Government.

10.1.2 Organization. The system shall be implemented by the designation of a quality control person from the Contractor's production or supervisory staff who shall report directly to the Contractor's top management. This organization shall consist of not less than one person who will be on the job site at all times work is in progress, and whose sole responsibility is to provide continuous inspection of the work to insure compliance with the contract plans and specifications. On construction efforts, this person shall have as a minimum: at least five (5) years verifiable construction experience in the type of work specified in the contract. On operations, maintenance, and repair activities, this person shall have at least 5 years verifiable experience in the type of operations, maintenance, and repair work specified.

10.1.3 Records. The Contractor shall maintain current records on an appropriate approved format of all inspections and tests performed. These records should provide factual evidence that the required inspections or tests have been performed, including type and number of inspections or tests involved; results of inspections or tests; nature of defects, causes for rejection, etc.; proposed remedial action; and corrective actions taken. The Contractor shall not build upon or conceal any

11. DISTRIBUTION STATEMENT

feature of the work containing uncorrected defects, and payment on deficient items will be withheld until satisfactorily corrected. These records must cover both conforming and defective items and must include a statement that all supplies and materials, incorporated materials, incorporated in the work, are in full compliance with the terms of the contract. These records shall be turned over to the Contracting Officer, or authorized representative, at the completion of the ECSM construction and monthly for operations, maintenance, and repair work.

10.1.4 Schedules. The Contractor shall establish controls necessary to assure scheduled completion dates established by the contract are not impacted by delinquent submittal data and/or operational tests. Sixty days in advance of the ECSM construction completion date and prior to scheduling a prefinal inspection of the work, or any phase of work, under the contract, the Contractor shall submit to the Contracting Officer, or authorized representative, a complete and factual report of all remaining submittals, inspections, and tests required prior to acceptance of the work. The report shall include the following:

a. A list of outstanding shop drawing submittals or resubmittals requiring approval by the Contractor.

b. A list of manuals, test reports, spare parts, keys, etc., to be furnished to the Government, and scheduled submittal dates.

c. Schedule of required operational tests and/or instruction periods.

d. Scheduled delivery dates for materials or equipment impacting contract completion.

e. Plan of action by the Contractor for correcting any known contract deficiencies including delay in scheduled progress.

10.1.5 Pre-Installation Conference. After the ECSM is awarded and before construction operations are started, the Contractor shall meet with the Contracting Officer or his/her representative, and discuss the inspection system requirements. The meeting shall develop mutual understanding relative to details of the system, including the forms to be used for recording the inspections, administration of the system, and interrelationship of Contractor and Government inspection. The mutual understanding meeting shall be documented by the preparation of minutes of the meeting for signature by both the Contractor and the Contracting Officer or Contracting Officer's Representative. The Contractor shall furnish to the Government an inspection system plan which shall include the personnel procedures, instructions, and reports to be used. This document will include as a minimum:

a. A description of the quality control organization, including a chart showing lines of authority and acknowledgment that the CQC staff shall implement the three phase control system for all aspects of the work specified and shall report to the Project Manager or someone higher in the Contractor's organization.

b. The name, qualifications, duties, responsibilities, and authorities of each person assigned a QC function.

c. Procedures for scheduling and managing submittals, including those of subcontractors, off-site fabricators, suppliers and purchasing agents.

d. Control testing procedures for each specific test required.

DATA ITEM DESCRIPTION	FORM APPROVAL OMB NO 0704-0188

2. TITLE: SITE SAFETY AND HEALTH PLAN	1. IDENTIFICATION NUMBER BW010

3. DESCRIPTION / PURPOSE

This plan details the tasks and activities of site safety management required to identify, evaluate, and eliminate or control hazards at the work.

4. APPROVAL DATE (YYMMDD)	5. OFFICE OF PRIMARY RESPONSIBILITY	6a. DTIC APPLICABLE	6b. GIDEP APPLICABLE

7. APPLICATION / INTERRELATIONSHIP:

This Data Item Description (DID) identifies the contract requirements for the site safety and health plan.

8. APPROVAL LIMITATION	9a. APPLICABLE FORMS	9b. AMSC NUMBER

10. PREPARATION INSTRUCTIONS For each ECSM, a site safety and health plan shall be prepared in accordance with this Data Item Description. The Site Safety and Health Plan must be submitted and approved by the Contracting Officer before a Notice to Proceed can be issued for the task order.

The Site Safety and Health Plan (SSHP) shall be prepared in accordance with the requirements specified in this section and shall comply with all federal, state and local health and safety requirements, e.g., the Occupational Safety and Health Administration (OSHA) requirements (29 CFR 1910 and 1926) and the U.S. Army Corps of Engineers Safety and Health Requirements Manual (EM 385-1-1). The SSHP shall address those elements which are specific to this site and has potential for negative effects on the safety and health of workers and other personnel on site. Where a specific element is not applicable, the Contractor shall make negative declaration in the plan to establish that adequate consideration was given the topic, and a brief justification for its omission shall be given. This SSHP does not cover asbestos or lead-based paint removal, hazardous material or environmental remediation without the addition of supplement data documented in the site survey report.

10.1 General. A fully trained and experienced site safety and health officer (SSHO), responsible to the Contractor may be delegated to implement the on-site elements of the SSHP. The SSHP shall be in a form usable by authorized U.S. Government representatives and other authorized visitors to the site during site operations.

10.2 Staff Organization, Qualifications, and Responsibilities. The operational and health and safety responsibilities of each key person shall be discussed. The organizational structure, with lines of authority for safety and health and overall responsibilities of the Contractor and all subcontractors shall be provided. An organizational chart showing the lines of authority for safety shall be provided. Each person assigned specific safety and health responsibilities shall be identified and his/her qualifications and experience documented by resume.

10.3 Site Description. The Contractor shall provide a description of the site, including a complete summary of safety and health hazards anticipated on site. This site description shall be based on anticipated work, site history and prior site uses and activities.

11. DISTRIBUTION STATEMENT

10.4 Hazard Assessment and Risk Analysis. The Contractor shall provide a complete description of the work to be performed with a complete summary of hazards anticipated. The Contractor shall identify the safety and health hazards that may be encountered for each task and/or site operation to be performed. Each task/operation is to be discussed separately. Material Safety Data Sheets (MSDS) for each hazardous substance brought on site shall be included as an appendix to the SSHP.

10.5 Accident Prevention. The SSHP may serve as the Accident Prevention Plan provided it addresses all content requirements of both 29 CFR 1910 and EM 385-1-1 (Table 1-1). All Accident Prevention Plan elements required by EM 385-1-1, but not specifically covered by these elements shall be addressed in this section of the SSHP. Daily safety and health inspections shall be conducted to determine if site operations are conducted in accordance with the approved SSHP and contract requirements.

10.6 Personal Protective Equipment. A written Personal Protective Equipment (PPE) Program shall be provided in the SSHP if necessary. Minimum levels of protection necessary for each task/operation to be performed shall be based on the hazard assessment/risk analysis.

10.7 Medical Surveillance. All personnel requiring respiratory protection shall have an annual medical examination to ensure they are physically qualified to wear respiratory protection. Those requiring respiratory protection shall be fit-tested in accordance with appropriate regulations. Any other medical surveillance requirements shall be determined by onsite conditions and exposures.

10.8 Noise Control. The Contractor shall monitor for hazardous noise conditions. If warranted, a hearing conservation program and noise abatement program shall be implemented.

10.9 Site Control. The SSHP shall include a site map, description of work, on/off site communication systems, site access controls, and security procedures.

10.10 Standing Operating Procedures, Engineering Controls and Work Practices. The Contractor shall develop Standing Operating Procedures for minimizing hazards and taking action to correct hazards where necessary. Site rules and safe work practices shall be discussed and shall include such topics as use of the buddy system, smoking restrictions, material handling procedures, confined space entry, excavation safety, physiological and meteorological monitoring for heat/cold stress, illumination, sanitation, and daily safety inspections, etc. This list of topics is not intended to be all inclusive.

10.11 Logs, Reports and Recordkeeping. Recordkeeping procedures for training logs, daily safety inspection logs, employee/visitor registers, medical surveillance records and certifications, air monitoring results and personal exposure records shall be described. All personnel exposure and medical monitoring records shall be maintained in accordance with applicable OSHA standards, CFR 1910 and 1926. All recordable accidents/injuries/illnesses shall be reported to the Contracting Officer, or authorized representative, immediately. A completed ENG 3394, Accident Investigation Report, shall be submitted within two (2) working days in accordance with AR 385-40 and USACE Supplement 1 to that regulation.

(Sample of typical Contractor Quality Control Report)

CONTRACTOR'S NAME
(Address)
DAILY CONSTRUCTION QUALITY CONTROL REPORT
Date:_____ Report No.:_____

Contract No.:_____

Description and Location of Work:_____

Weather: (Clear) (P. Cloudy) (Cloudy); Temperature:_____Min._____Max.;
Rainfall:_____inches

Contractor/Subcontractors & Area of Responsibility w/Labor Count for Each:
a._____
b._____
c._____
d._____

Equipment Data: (Include items of construction equipment, other than hand tools, at the job site, and whether or not used.)

1. Work Performed Today: (Indicate location and description of work performed. Refer to work performed by prime and/or subcontractors by letter in Table above. If no work is performed, report the reason.)

_____

2. Results of Surveillance: (Include satisfactory work completed, or deficiencies with action to be taken.)
   a. Preliminary Inspection:

   b. Final Inspection:

_____

3. Test Required by Plans and/or Specifications Performed and Results of Tests:

_____

4. Verbal Instructions Received: (List any instructions given by Government personnel on construction deficiencies, retesting required, etc., with no action to be taken.)

5. Remarks: (Cover any conflicts in plans, specifications, or instructions or any delay to the job.)

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6. Results of Safety Inspection: (Include safety violations and corrective actions taken.)

Contractor's Inspector

CONTRACTOR'S VERIFICATION: The above report is complete and correct and all material and equipment used and work performed during this reporting period are in compliance with the contract plans and specifications except as noted above.

Contractor's Chief of Quality Control

NOTE

DO NOT LEAVE REPORT ITEMS BLANK

Items 1. through 6. must be reported every day. If there is no other report on an item, enter the word "none" in the reporting space. Reports with items left blank will be returned as incomplete.

INSPECTION CHECKLIST

CONTRACT NO.: DACA - _____ DATE: _____

DESCRIPTION AND LOCATION OF WORK INSPECTED: _____

_____ SPECS. SECTION _____

REFERENCE CONTRACT DRAWINGS: _____

A. PERSONNEL PRESENT

NAME	POSITION	COMPANY
1.		
2.		
3.		
4.		
5.		
6.		
7.		
8.		
9.		
10.		

B. MATERIALS BEING USED ARE IN STRICT COMPLIANCE WITH THE CONTRACT PLANS AND SPECIFICATIONS. YES_____ NO_____

IF NOT, EXPLAIN: _____

C. PROCEDURES AND/OR WORK METHODS WITNESSED ARE IN STRICT COMPLIANCE WITH THE REQUIREMENTS OF THE CONTRACT SPECIFICATIONS.

YES_____ NO_____

IF NOT, EXPLAIN: _____

D. WORKMANSHIP IS ACCEPTABLE. YES_____ NO_____ STATE AREAS WHERE IMPROVEMENT IS NEEDED: _____

_____

E. SAFETY VIOLATIONS AND CORRECTION ACTION TAKEN: _____

_____

_____

QUALITY CONTROL REPRESENTATIVE

DATA ITEM DESCRIPTION

FORM APPROVAL
OMB NO 0704-0188

2. TITLE: WORK SCHEDULE

1. IDENTIFICATION NUMBER BW011

3. DESCRIPTION / PURPOSE

To provide details of scheduling the work tasks.

4. APPROVAL DATE (YYMMDD)	5. OFFICE OF PRIMARY RESPONSIBILITY	6a. DTIC APPLICABLE	6b. GIDEP APPLICABLE

7. APPLICATION / INTERRELATIONSHIP:

This Data Item Description (DID) provides details for preparing a work schedule.

8. APPROVAL LIMITATION	9a. APPLICABLE FORMS	9b. AMSC NUMBER

10. PREPARATION INSTRUCTIONS For each ECSM, a work schedule shall be prepared in accordance to this Data Item Description. The Work Schedule must be submitted and approved by the Contracting Officer before a Notice to Proceed can be issued for the task order.

Work schedule charts shall be prepared on ENG Form 2454. The ECSM construction work shall be divided into definable ECSM construction features. As a minimum, the Contractor shall address each specification section as a principle contract feature. The WT column should indicate the percentage of the construction for which each principle construction feature accounts. The vertical lines shall be identified by specific time frames, (i.e., weekly, bi-weekly, monthly) with one space accounting for no more than one month. The Contractor shall identify the date of award of the ECSM on the chart. The Contractor shall also identify the construction completion date on the chart. The Contractor shall place bars on the chart to indicate scheduled progress for each feature of work. The Contractor shall note the anticipated percentage complete for each item at the end of each month and at the end of each scheduled block.

11. DISTRIBUTION STATEMENT

DATA ITEM DESCRIPTION

FORM APPROVAL
OMB NO 0704-0188

2. TITLE: MONTHLY PROGRESS REPORTS

1. IDENTIFICATION NUMBER BW012

3. DESCRIPTION / PURPOSE

Progress reports will be used as a measure of accomplished activity.

4. APPROVAL DATE (YYMMDD)	5. OFFICE OF PRIMARY RESPONSIBILITY	6a. DTIC APPLICABLE	6b. GIDEP APPLICABLE

7. APPLICATION / INTERRELATIONSHIP:

This Data Item Description (DID) provides details for monthly progress reports.

8. APPROVAL LIMITATION	9a. APPLICABLE FORMS	9b. AMSC NUMBER

10. PREPARATION INSTRUCTIONS For each ECSM, an individual monthly progress report shall be prepared in accordance with this Data Item Description unless otherwise indicated or modified in the ECSM.

A narrative report in tabular form shall be provided by the Contractor which details each activity shown on the schedule for the reporting period. The Contractor shall submit proposed format to the Contracting Officer, or authorized representative, for approval. Specific contents are:

a. Summarize progress by estimated percent of completion for each ECSM project.

b. Remarks section shall be provided for the Contractor to describe any problems which caused lag in schedule as well as Contractor plans to get back on schedule.

c. Section shall be provided for the Government's comments.

A monthly summary progress report shall be provided. The monthly summary progress report shall be in the same general format as the individual monthly progress. It shall summarize the individual progress reports in a manner that achievements and problems shall be readily visible.

11. DISTRIBUTION STATEMENT

DATA ITEM DESCRIPTION

FORM APPROVAL
OMB NO 0704-0188

2. TITLE: TELEPHONE/CORRESPONDENCE RECORDS

1. IDENTIFICATION NUMBER: BW013

3. DESCRIPTION / PURPOSE

4. APPROVAL DATE (YYMMDD)	5. OFFICE OF PRIMARY RESPONSIBILITY	6a. DTIC APPLICABLE	6b. GIDEP APPLICABLE

7. APPLICATION / INTERRELATIONSHIP:

This Data Item Description (DID) details requirements for telephone conversation/correspondence records.

8. APPROVAL LIMITATION	9a. APPLICABLE FORMS	9b. AMSC NUMBER

10. PREPARATION INSTRUCTIONS Telephone conversation/correspondence records shall be in accordance with this Data Item Description unless otherwise indicated or modified in the ECSM.

The Contractor shall keep a record of each substantive phone conversation and written correspondence related to the performance of this contract. A summary of the phone conversations and written correspondence shall be submitted to the Contracting Officer, or authorized representative, monthly and is due not later than the 10th of the following month. For this contract, "substantive" is defined as:

- all calls to or from Army personnel that require action by either the Army or the Contractor.
- all calls to or from Army personnel that directly or indirectly affect contract terms and conditions.
- all calls to or from federal, state, or local regulatory agency personnel.
- all calls to Contractor personnel that require calling party to be referred to the Public Affairs Office.

Calls involved in the routine performance of project work that do not fit the above definition of substantive need not be recorded and provided to the Contracting Officer, or authorized representative.

11. DISTRIBUTION STATEMENT

DATA ITEM DESCRIPTION

FORM APPROVAL
OMB NO 0704-0188

2. TITLE: SYSTEM TESTING

1. IDENTIFICATION NUMBER BW014

3. DESCRIPTION / PURPOSE

To provide for systematic testing of the modified system/equipment and to document the tests performed as well as the results of these tests.

4. APPROVAL DATE (YYMMDD)	5. OFFICE OF PRIMARY RESPONSIBILITY	6a. DTIC APPLICABLE	6b. GIDEP APPLICABLE

7. APPLICATION / INTERRELATIONSHIP:

This Data Item Description (DID) states the requirements for system testing.

8. APPROVAL LIMITATION	9a. APPLICABLE FORMS	9b. AMSC NUMBER

10. PREPARATION INSTRUCTIONS System/equipment testing shall be done in accordance with this Data Item Description unless otherwise indicated or modified in the ECSM.

The Contractor shall submit to the Contracting Officer, or authorized representative, a copy of a proposed testing plan necessary to prove the system/equipment meets the operating standards promulgated by the design. The plan shall be submitted thirty (30) days prior to completion of construction. As a minimum, this testing plan shall contain:

a. Project nomenclature.

b. System/Equipment description.

c. Specific requirements for system/equipment test.

d. Measurements to be taken indicating method and means.

After approval by the Contracting Officer, or authorized representative, the Contractor shall schedule the implementation of this testing plan at a time convenient for the Contracting Officer, or authorized representative, to have installation representative observed.

11. DISTRIBUTION STATEMENT

DATA ITEM DESCRIPTION

FORM APPROVAL
OMB NO 0704-0188

2. TITLE: OPERATING INSTRUCTIONS

1. IDENTIFICATION NUMBER BW015

3. DESCRIPTION / PURPOSE

Operating instructions will be used by Government personnel at the installation to operate the modified system/equipment.

4. APPROVAL DATE (YYMMDD)	5. OFFICE OF PRIMARY RESPONSIBILITY	6a. DTIC APPLICABLE	6b. GIDEP APPLICABLE

7. APPLICATION / INTERRELATIONSHIP:

This Data Item Description (DID) details the requirements for operating instructions.

8. APPROVAL LIMITATION	9a. APPLICABLE FORMS	9b. AMSC NUMBER

10. PREPARATION INSTRUCTIONS Operation instructions shall be in accordance with this Data Item Description unless otherwise indicated or modified in the ECSM.

10.1 The operating instructions shall be comprehensive and cover the total operation of the ECSM. The operating instructions shall contain step-by-step methods for operating each separate component and for operating the systems in a systematic manner. These manuals shall show the location of the item being described and provide a clear and concise narrative description of the item, its operating function, characteristics, and its interrelationship with other system components. The instructions shall prescribe the manufacturers' recommended schedule for preventive maintenance plans. The instructions shall clearly identify seasonal maintenance requirements and state the frequencies for all maintenance operations.

10.2 The manuals shall include the manufacturers' name, model number, service manual, and parts list for each major system component and subcomponent.

10.3 Framed instructions, encased in environmentally protective covering, shall be prepared in a manner consistent with the final configuration of the system/equipment at the end of the contract. They shall include system/equipment diagrams and condensed operating and maintenance instructions. A complete set shall be placed at strategic operating locations on the system/equipment. The operating instructions shall be provided in a bound document which is clearly tabbed, indexed, and marked for easy use.

11. DISTRIBUTION STATEMENT

DATA ITEM DESCRIPTION

FORM APPROVAL
OMB NO 0704-0188

2. TITLE: TRAINING

1. IDENTIFICATION NUMBER BW016

3. DESCRIPTION / PURPOSE

To delineate Contractor required training requirements.

4. APPROVAL DATE (YYMMDD)	5. OFFICE OF PRIMARY RESPONSIBILITY	6a. DTIC APPLICABLE	6b. GIDEP APPLICABLE

7. APPLICATION / INTERRELATIONSHIP:

This Data Item Description (DID) provides the requirements to provide a training program.

8. APPROVAL LIMITATION	9a. APPLICABLE FORMS	9b. AMSC NUMBER

10. PREPARATION INSTRUCTIONS For each ECSM, training shall be in accordance with this Data Item Description unless otherwise indicated or modified in the ECSM.

10.0 General Requirements. The Contractor shall provide a training program for Government personnel as specified below:

10.1 The program shall provide instruction on operation, troubleshooting, maintenance and repair of equipment and systems modified or installed under each ECSM. Instructions shall include both a classroom phase and a practical application phase. The course material shall include the operation and maintenance plans and manuals as instructional materials. The program shall be conducted in facilities directed by the Government.

10.2 In accordance with his/her approved schedule, the Contractor shall prepare a training outline and submit it to the Government for review. The training course outline shall identify for each block of instructions: the teaching objective, objectives, the time and length of instruction, the place of instruction, the training aids required, the recommended audience, and a brief description of the contents. The training course outline shall be assembled in a notebook, tabbed for each block of instructions.

10.3 The Contractor shall train Government personnel to operate, maintain, and repair equipment and systems after the completion of system testing in accordance with each ECSM.

11. DISTRIBUTION STATEMENT

DATA ITEM DESCRIPTION

FORM APPROVAL
OMB NO 0704-0188

2. TITLE: CERTIFICATION OF COMPUTER MEDIA

1. IDENTIFICATION NUMBER: BW017

3. DESCRIPTION / PURPOSE

To provide certification of virus free computer media.

4. APPROVAL DATE (YYMMDD)	5. OFFICE OF PRIMARY RESPONSIBILITY	6a. DTIC APPLICABLE	6b. GIDEP APPLICABLE

7. APPLICATION / INTERRELATIONSHIP:

This Data Item Description (DID) requires a virus free submittal of computer data.

8. APPROVAL LIMITATION	9a. APPLICABLE FORMS	9b. AMSC NUMBER

10. PREPARATION INSTRUCTIONS Certification of computer media shall be in accordance with this Data Item Description unless otherwise indicated or modified in the ECSM.

All delivery media (floppy disks, magnetic tapes, etc.) for computer data shall be certified by the Contractor to be compatible with installation computer equipment and to be free of known computer viruses. A compatibility certification and the name(s) and release date(s) of the virus scanning software used to analyze the delivery media shall be furnished to the Government at the time of delivery. The release or revision date of the virus scanning software shall be the current version which has detected the latest known viruses at the time of delivery of the media. If analysis of the delivery media by the Government finds evidence of incompatibility or virus infection, the media will be returned to the Contractor. The Contractor shall resubmit the media at no cost to the Government.

11. DISTRIBUTION STATEMENT

DATA ITEM DESCRIPTION

FORM APPROVAL
OMB NO 0704-0188

2. TITLE: OPERATING AND MAINTENANCE MANUALS

1. IDENTIFICATION NUMBER BW018

3. DESCRIPTION / PURPOSE

Operating manuals will be used by Government personnel at the installation to operate the modified system/equipment, and maintenance manuals will be used by Government personnel at the installation to identify and perform required preventive and corrective maintenance on the installed/modified system after completion of the ECSM.

4. APPROVAL DATE (YYMMDD)	5. OFFICE OF PRIMARY RESPONSIBILITY	6a. DTIC APPLICABLE	6b. GIDEP APPLICABLE

7. APPLICATION / INTERRELATIONSHIP:

This Data Item Description (DID) details the requirements for operating and maintenance manuals.

8. APPROVAL LIMITATION	9a. APPLICABLE FORMS	9b. AMSC NUMBER

10. PREPARATION INSTRUCTIONS Operating and maintenance manuals shall be in accordance with this Data Item Description unless otherwise indicated or modified in the ECSM.

10.1 The operating manuals shall be in accordance with ER 25-345-1, comprehensive, and cover the total operation of the ECSM. The operating manuals shall contain step-by-step methods for operating each separate component and for operating the systems in a systematic manner. These manuals shall show the location of the item being described and provide a clear and concise narrative description of the item, its operating function, characteristics, and its interrelationship with other system components. The maintenance manual shall provide comprehensive details of complex components and parts with illustrations of how the components and parts are systematically arranged and located. The maintenance instructions shall prescribe the manufacturers' recommended schedule for preventive maintenance plans. The instructions shall clearly identify seasonal maintenance requirements and state the frequencies for all maintenance and/or operations.

10.2 The manuals shall include the manufacturers' name, model number, service manual, and parts list for each major system component and subcomponent.

10.3 Framed instructions, encased in environmentally protective covering, shall be prepared in a manner consistent with the final configuration of the system/equipment at the end of the ECSM construction. They shall include system/equipment diagrams and condensed operating and maintenance instructions. A complete set shall be placed at strategic operating locations on the system/equipment. The operating and maintenance manuals shall be provided in a bound document which is clearly tabbed, indexed, and marked for easy use.

11. DISTRIBUTION STATEMENT

DATA ITEM DESCRIPTION

FORM APPROVAL
OMB NO 0704-0188

2. TITLE: SPARE PARTS LIST

1. IDENTIFICATION NUMBER BW019

3. DESCRIPTION / PURPOSE

To provide itemization and source of spare parts.

4. APPROVAL DATE (YYMMDD)	5. OFFICE OF PRIMARY RESPONSIBILITY	6a. DTIC APPLICABLE	6b. GIDEP APPLICABLE

7. APPLICATION / INTERRELATIONSHIP:

This Data Item Description (DID) describes the procedures for providing the spare parts list.

8. APPROVAL LIMITATION	9a. APPLICABLE FORMS	9b. AMSC NUMBER

10. PREPARATION INSTRUCTIONS The spare parts list shall be in accordance with this Data Item Description unless otherwise indicated or modified in the ECSM.

For each major/minor piece of equipment and/or replaceable system component, a list of spares for nominal operations shall be prepared. This list shall have the host equipment and/or system component identified by nomenclature, manufacturer, and part number. Under each identification, the spares shall be identified by nomenclature and cost at time of contract completion. A local source of parts as well as service on the parts shall be identified. This source shall be capable of responding within 24 hours of a call for service. In addition, the name and telephone number of the regional supplier of the equipment/systems components shall be provided.

11. DISTRIBUTION STATEMENT

DATA ITEM DESCRIPTION	FORM APPROVAL OMB NO 0704-0188
2. TITLE: EQUIPMENT AND CONSTRUCTION WARRANTIES	1. IDENTIFICATION NUMBER BW020

3. DESCRIPTION / PURPOSE

To provide warranties on equipment and construction to installation personnel.

4. APPROVAL DATE (YYMMDD)	5. OFFICE OF PRIMARY RESPONSIBILITY	6a. DTIC APPLICABLE	6b. GIDEP APPLICABLE

7. APPLICATION / INTERRELATIONSHIP:

This Data Item Description (DID) describes the procedures for providing equipment and construction warranties.

8. APPROVAL LIMITATION	9a. APPLICABLE FORMS	9b. AMSC NUMBER

10. PREPARATION INSTRUCTIONS Equipment and construction warranties shall be in accordance with this Data Item Description unless otherwise indicated or modified in the ECSM.

10.1 The work covered by this section consists of furnishing all labor, materials, and equipment, and performing all work required to inventory, protect, safeguard, tag and maintain all equipment, equipment units and materials and all repaired or replaced equipment, units of equipment and materials prior to acceptance by the Government.

10.2 The Contractor shall be responsible for the protection, safeguard and periodic maintenance of all equipment, units of equipment and materials prior to acceptance by the Government; and shall strictly adhere to manufacturers' and suppliers; storage, handling, installation, maintenance, and operating procedures in order that all manufacturers' and suppliers' warranties are valid.

10.3 The Contractor shall obtain all commercial warranties available on the major/minor equipment and turn them over to the Government at the conclusion of the ECSM. The Contractor shall also prepare a list of the companies which honor the warranties, including names, addresses, and telephone numbers. The Contractor shall prepare a list of all items of equipment, units of equipment and materials provided or installed under the terms of this contract that require periodic maintenance to maintain the manufacturers' and suppliers' warranty. This list shall be turned over to the Contracting Officer along with the operations and maintenance manuals and instructions. The list shall include equipment and units of equipment that require electrical power or fuel, compressed air or gases, or may require removal or replacement, such as air handling units, fans, air conditioners, compressors, condensers, boiler, thermal exchangers, pumps, cooling towers, fire hydrants, tanks, etc. The list shall be kept up to date as installed. Included on each item as applicable shall be: Description, Manufacturer, Model or Catalog No., Serial No., Input and Output (power, voltage, BTU, tons, etc.), HP, Size or Capacity (tanks), net replacement costs, where installed, when installed and placed in service, warranty expiration dates, and any other data necessary to describe the item. List shall be turned over to the Government prior to final inspection.

10.4 In addition to the commercial warranties described above, the Contractor shall provide a one-year warranty period on all installation/modification work he/she does on the job. During the one-year warranty period, the Contractor shall remedy at the Contractor's expense any failure to conform, or any defect, damage, or failure of the work. The Contractor shall furnish the name,

11. DISTRIBUTION STATEMENT

address, and telephone number of the Contractor's single point of contact for full time (24 hours per day) answering and response capability, within the local service area of the warranted construction. The local service area is described as within a 180-mile radius of the installation.

10.5 The Contractor shall furnish and install equipment warranty identification tags on each piece of equipment and unit of equipment installed by the Contractor. The Contractor shall fully utilize all manufacturers' guarantees and warranties and the equipment warranty identification tag shall show both the one year workmanship and material warranty expiration date and the manufacturers' warranty expiration date. The tag provided and installed by the Contractor shall be similar to the exhibit provided in this specification. The Contractor shall submit a sample to the Government for approval prior to purchase of the tags. The tags shall be for use indoors or outdoors, resistant to solvents, abrasion, weather and the temperature extremes expected and shall utilize permanent type pressure sensitive adhesive. The Contractor shall install these tags in a position that is visible to workmen. The equipment warranty identification tags shall be installed prior to the final inspection. During the one year warranty period, any repair or replacement that would affect warranty shall include inventory information and a new warranty identification tag. The inventory information provided on the repaired or replaced item shall be similar to and shall supplement the original inventory information provided in accordance with this specification. The tag shall be furnished and installed by the Contractor, and shall be identical to the original tag, except that the equipment Serial Number will be changed and the manufacturers' warranty expiration date will be changed to show any manufacturers' or suppliers' warranty which is applicable.

10.6 If any equipment, equipment units or materials are repaired or replaced by the Contractor under the warranty provisions of the specifications, the Contractor shall comply with the provisions of this DID regarding the requirements to inventory, protect, safeguard, tag and maintain all repaired or replaced equipment, equipment units, and materials.

10.7 The Government will notify the Contractor, after the discovery of any failure to conform, or any defect, damage or failure; written verification of the notice to the Contractor will follow the initial notification.

10.8 If the Contractor fails to remedy any failure, defect, or damage within the time period established for Priority 1 work as provided below following notification of the need for remedial action, the Government shall have the right to replace, repair, or otherwise remedy the failure to conform, or any defect, or any damage, or failure of the work at the Contractor's expense.

10.9 Following notification by the Contracting Officer, the Contractor shall respond to a warranty service requirement identified by the Government in accordance with the provisions of the task order. This list prioritizes warranty work into three categories:

Priority	Response Time
1	Perform on site inspection to evaluate situation, determine course of action, initiate work within 24 hours and work continuously to completion or relief.
2	Perform on site inspection to evaluate situation, determine course of action, initiate work within 48 hours and work continuously to completion or relief.
3	All other work to be initiated within 5 work days and work continuously to completion or relief.

10.10 If parts and/or materials are required to complete the work and are not immediately available, the Contractor shall have a maximum of 12 hours after arrival at the job site to provide the Contracting Officer with firm written proposals for emergency alternatives and temporary repairs for Government participation with the Contractor to provide emergency relief until the required parts are available on site for the Contractor to perform permanent warranty repair. The Contractors' proposals shall include a firm date and time that the required parts shall be available on site to complete the permanent repair. The Contracting Officer will evaluate the proposed alternatives and negotiate the alternative considered to be in the best interest of the Government to reduce the impact of the emergency condition.

10.11 Requirement for Priority 1 Work. If the task order identifies any warranty work on this project as Priority 1 work, the Contractor shall furnish the name, telephone number, and address of the Contractor's single point of contact for full time (24 hours per day) answering and response capability, within the local service area of the warranted construction. The Contractor's single point of contact shall perform warranty work action, and answer Government inquiries regarding warranty work, action, and status. The local service area telephone number and address shall be provided as a positive means of contacting the Contractor's single point of contact anytime during the day or night for response by the Contractor for warranty service, starting 7 calendar days prior to final inspection or 7 calendar days prior to the Contractor turning the facility/work over to the Contracting Officer for occupancy, whichever occurs first, and continuing through the life of the one year Contractor's warranty period. The local service area is defined in these specifications as the area included within a 180 mile radius of the installation. The Contractor may propose alternate locations which may be approved at the discretion of the Contracting Officer.

10.12 Requirement for Priority 2 and Priority 3 Work. If the task order identifies any warranty work on this project as Priority 2 or Priority 3 work, the Contractor may, at the Contractor's discretion, choose to provide the Contracting Officer with a non-local single point of contact in lieu of the local service area single point of contact for full time (24 hours per day) answering and response capability. The Contractor's response to Priority 2 and/or Priority 3 warranty service shall continue to be required as set forth in paragraph 10.9 above, regardless of the single point of contact location selected by the Contractor. When the Contractor selects a non-local single point of contact for warranty response under the provisions of this paragraph, the Contractor shall furnish the name, telephone number, and address of the Contractor's non-local single point of contact for full time (24 hours per day) answering and response capability. The Contractor's single point of contact shall perform warranty work action, and answer Government inquiries regarding work, action, and status. The non-local telephone number and address shall be provided as a positive means of contacting the Contractor's single point of contact anytime during the day or night for response by the Contractor for warranty service, starting 7 calendar days prior to final inspection or 7 calendar days prior to the Contractor turning the facility/work over to the Contracting Officer for occupancy, whichever occurs first, and continuing through the life of the one year Contractor's warranty period.

DATA ITEM DESCRIPTION

FORM APPROVAL
OMB NO 0704-0188

2. TITLE: SERVICE ORGANIZATIONS

1. IDENTIFICATION NUMBER BW021

3. DESCRIPTION / PURPOSE

To provide installation personnel with a source for service organizations.

4. APPROVAL DATE (YYMMDD)	5. OFFICE OF PRIMARY RESPONSIBILITY	6a. DTIC APPLICABLE	6b. GIDEP APPLICABLE

7. APPLICATION / INTERRELATIONSHIP:

This Data Item Description (DID) details the procedure for providing a list of standard equipment and service organizations.

8. APPROVAL LIMITATION	9a. APPLICABLE FORMS	9b. AMSC NUMBER

10. PREPARATION INSTRUCTIONS List of standard equipment and service organizations shall be provided in accordance with this Data Item Description unless otherwise indicated or modified in the ECSM.

A certified list of major/minor equipment installed/modified on the project shall be submitted along with a certified list of service organizations, with addresses, telephone numbers, and qualifications of qualified, permanent service organizations for support of major/minor equipment. This list shall contain a cost for each item.

11. DISTRIBUTION STATEMENT

DATA ITEM DESCRIPTION

FORM APPROVAL
OMB NO 0704-0188

2. TITLE: AS-BUILT DRAWINGS

1. IDENTIFICATION NUMBER BW022

3. DESCRIPTION / PURPOSE

As-built drawings shall be prepared to reflect the final construction configuration of the facilities.

4. APPROVAL DATE (YYMMDD)	5. OFFICE OF PRIMARY RESPONSIBILITY	6a. DTIC APPLICABLE	6b. GIDEP APPLICABLE

7. APPLICATION / INTERRELATIONSHIP:

This Data Item Description (DID) provides for as-built drawings resulting from the effects of this ECSM.

8. APPROVAL LIMITATION	9a. APPLICABLE FORMS	9b. AMSC NUMBER

10. PREPARATION INSTRUCTIONS As-built drawings shall be in accordance with this Data Item Description unless otherwise indicated or modified in the ECSM.

10.1 The Contractor shall maintain a set of red-lined, scaled, marked up drawings (latest revision status) throughout the ECSM construction and the contract that fully document the status of the work. These drawings shall be maintained throughout the ECSM construction phase and shall be available for review by the Government upon request and shall be submitted to the Government at the end of ECSM construction. If any system changes are made during the term of the contract, the Contractor shall update the Government's copy of the as-built drawings. These drawings may take forms ranging from simple schematics to detailed installation drawings. The form of the as-builts will be determined by the complexity of the project as ascertained by the Contracting Officer.

Final submittal of certified as-built drawings may range from a simple marked up schematic submitted in triplicate to a submittal made in a digital format (CADD system) compatible to the installation (as determined by the authorized installation representative) as well as one set on mylar reproducibles and two (2) sets of blue lines.

11. DISTRIBUTION STATEMENT

DATA ITEM DESCRIPTION

FORM APPROVAL
OMB NO 0704-0188

2. TITLE: SITE SPECIFIC ECSM REPORT

1. IDENTIFICATION NUMBER BW023

3. DESCRIPTION / PURPOSE

To provide a final report of all work performed under the ECSM.

4. APPROVAL DATE (YYYMMDD)	5. OFFICE OF PRIMARY RESPONSIBILITY	6a. DTIC APPLICABLE	6b. GIDEP APPLICABLE

7. APPLICATION / INTERRELATIONSHIP:

This Data Item Description (DID) gives the format and content for the site specific ECSM report.

8. APPROVAL LIMITATION	9a. APPLICABLE FORMS	9b. AMSC NUMBER

10. PREPARATION INSTRUCTIONS The site specific remediation report shall be prepared in accordance with this Data Item Description unless otherwise indicated or modified in the ECSM.

10.1 Final Report. A final report of all technical work accomplished and information gained in performance of the ECSM construction, pertinent observations, nature of problems, positive as well as negative results, and design criteria established where applicable will be prepared. Procedures followed, processes developed, etc., will be included. The details of all technical work included shall be sufficient to permit full understanding of the techniques and procedures used evolving technology or processes developed.

10.2 Format

10.2.1 The title page will identify the report by providing contract number, project name and reporting period.

10.2.2 The front cover of draft reports will bear the following statement in addition to other requirements, "The view, opinions, and/or findings contained in the report are those of the author(s) and should not be construed as an official Department of the Army position, policy, or decision, unless so designated by other documentation."

10.2.3 Table of Contents.

10.3 Main Body. The main body of the report shall make use of the following outline only as applicable to each individual situation.

10.3.1 Introduction. The introduction shall consist of a statement of work, technical instructions, other contract direction, and previous related submittals. It should also state aims and objectives.

11. DISTRIBUTION STATEMENT

10.3.2 Discussion. Discussion shall give a detailed discussion of the technical effort or work performed covering procedures, equipment, facilities, data, and results (both expected and unexpected).

10.3.3 Documentation. Documentation should be made making reference to all related submittals (drawings, intermediate reports, laboratory reports, conference reports, and other research sources).

10.3.4 Tests. Identify tests conducted and resultant test results, both QA and QC.

10.3.5 Summary. The main report body shall end with a summary which should be a concise, self-explanatory recapitulation of the report.

10.3.6 Conclusion. The report should contain a logical conclusion based on the Contractor's evaluation of data presented in the report when an evaluation is applicable. The conclusion should be concise and based on supporting arguments presented in the body of the report. Content of the conclusion is optional on less formalized reports and is left to the discretion of the Contractor.

10.3.7 Recommendations. The report should contain recommendations, when applicable. The recommendations should be a logical outcome of the conclusions and should provide information necessary for action leading to improvements of a system of the state of the art.

10.4 Optional Content

10.4.1 Attendants. Drawings, sketches, photographs, calculations, references or other attachments may be used to clarify or explain the text and may be included either in the body of the report of in an appendix. Oversize material shall be arranged to fold within the report without protruding and shall be limited on one-way horizontal foldouts.

10.4.2 Illustrations. Separate lists of figures, illustrations, and tables may be given immediately following the table of contents, on the same page if possible. Such lists shall be included when there are ten or more figures, illustrations and tables.

10.4.3 Abbreviations and Symbols. Lists of abbreviations and symbols with definitions, and definitions of terms, may also be given following the table of contents, or on the same page or its reverse. The lists should be included when applicable for intelligibility and usefulness to the educated, but not specialized, reader of scientific reports.

10.4.4 References. A list of references is recommended if more than five titles are cited in the text, and shall follow the last page of the text in the report. Head the page "REFERENCES," list the items in order of initial test reference, and number the items with Arabic numerals. The information of each item will include, in this sequence, as applicable: personal author, title, document number, the Defense Documentation Center AD number, (when known), publisher, data, and classification.

10.4.5 Bibliography. A bibliography (supplemental or associated reading) may be included, if appropriate. Head the list "BIBLIOGRAPHY." It may appear on the same page with the references, space permitting. The items will include the same information required for references, but arranged alphabetically by author and not numbered.

10.4 6 Index. An alphabetical index may be included, if necessary. Normally, it will be included only in a voluminous report that will clearly be used frequently for reference. If used, the index should not be a repetition of section of paragraph titles, but should list every important subject breakdown which users are most likely to seek.

10.4.7 Appendix. An appendix may be used on material related to or additional to the report, such as material not essential to understanding the text, but which provides vital details to the critical reader; additional detailed description; or explanatory matter; extensive test data; complex mathematical derivations; and reproduction of additional tables, illustrations, charts or graphs referenced frequently throughout the report; lists of materials when the contract requires that such a list will be included in the report; and similar material. Special forms that are required by a specification may be included in the appendix. Appendices shall also be used to incorporate reports submitted by other activities that perform some of the technical effort. Each appendix shall be preceded by a title

PERFORMANCE BOND

(See instructions on reverse)

DATE BOND EXECUTED (Must be same or later than date of contract)	FORM APPROVED OMB NO. 9000-0045

Public reporting burden for this collection of information is estimated to average 25 minutes 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 the FAR Secretariat (MVRS), Office of Federal Acquisition Policy, GSA, Washington, D.C. 20405; and to the Office of Management and Budget, Paperwork Reduction Project (9000-0045), Washington, D.C. 20503.

PRINCIPAL (Legal name and business address)	TYPE OF ORGANIZATION ("X" one) ☐ INDIVIDUAL ☐ PARTNERSHIP ☐ JOINT VENTURE ☐ CORPORATION
	STATE OF INCORPORATION
SURETY(IES) (Name(s) and business address(es))	PENAL SUM OF BOND

MILLION(S)	THOUSAND(S)	HUNDRED(S)	CENTS

CONTRACT DATE	CONTRACT NO.

OBLIGATION:

We, the Principal and Surety(ies), are firmly bound to the United States of America (hereinafter called the Government) in the above penal sum. For payment of the penal sum, we bind ourselves, our heirs, executors, administrators, and successors, jointly and severally. However, where the Sureties are corporations acting as co-sureties, we, the Sureties, bind ourselves in such sum "jointly and severally" as well as "severally" only for the purpose of allowing a joint action or actions against any or all of us. For all other purposes, each Surety binds itself, jointly and severally with the Principal, for the payment of the sum shown opposite the name of the Surety. If no limit of liability is indicated, the limit of liability is the full amount of the penal sum.

CONDITIONS:

The principal has entered into the contract identified above.

THEREFORE:

The above obligation is void if the Principal -

(a)(1) Performs and fulfills all the undertakings, covenants, terms, conditions, and agreements of the contract during the original term of the contract and any extensions thereof that are granted by the Government, with or without notice to the Surety(ies), and during the life of any guaranty required under the contract, and (2) performs and fulfills all the undertakings, covenants, terms conditions, and agreements of any and all duly authorized modifications of the contract that hereafter are made. Notice of those modifications to the Surety(ies) are waived.

(b) Pays to the Government the full amount of the taxes imposed by the Government, if the said contract is subject to the Miller Act, (40 U.S.C. 270a-270e), which are collected, deducted, or withheld from wages paid by the Principal in carrying out the construction contract with respect to which this bond is furnished.

WITNESS:

The Principal and Surety(ies) executed this performance bond and affixed their seals on the above date.

PRINCIPAL

	1.	2.	3.	
SIGNATURE(S)	(Seal)	(Seal)	(Seal)	Corporate Seal
NAME(S) & TITLE(S) (Typed)	1.	2.	3.	

INDIVIDUAL SURETY(IES)

	1.	2.
SIGNATURE(S)	(Seal)	(Seal)
NAME(S) (Typed)	1.	2.

CORPORATE SURETY(IES)

A	NAME & ADDRESS		STATE OF INC.	LIABILITY LIMIT $
SUR	SIGNATURE(S)	1.	2.	Corporate Seal
	NAME(S) & TITLE(S) (Typed)	1.	2.	

CORPORATE SURETY(IES) (Continued)

SURETY B	NAME & ADDRESS		STATE OF INC.	LIABILITY LIMIT $	Corporate Seal
	SIGNATURE(S)	1.	2.		
	NAME(S) & TITLE(S) (Typed)	1.	2.		
SURETY C	NAME & ADDRESS		STATE OF INC.	LIABILITY LIMIT $	Corporate Seal
	SIGNATURE(S)	1.	2.		
	NAME(S) & TITLE(S) (Typed)	1.	2.		
SURETY D	NAME & ADDRESS		STATE OF INC.	LIABILITY LIMIT $	Corporate Seal
	SIGNATURE(S)	1.	2.		
	NAME(S) & TITLE(S) (Typed)	1.	2.		
SURETY E	NAME & ADDRESS		STATE OF INC.	LIABILITY LIMIT $	Corporate Seal
	SIGNATURE(S)	1.	2.		
	NAME(S) & TITLE(S) (Typed)	1.	2.		
SURETY F	NAME & ADDRESS		STATE OF INC.	LIABILITY LIMIT $	Corporate Seal
	SIGNATURE(S)	1.	2.		
	NAME(S) & TITLE(S) (Typed)	1.	2.		
SURETY G	NAME & ADDRESS		STATE OF INC.	LIABILITY LIMIT $	Corporate Seal
	SIGNATURE(S)	1.	2.		
	NAME(S) & TITLE(S) (Typed)	1.	2.		

BOND PREMIUM ▶	RATE PER THOUSAND $	TOTAL $

INSTRUCTIONS

1. This form is authorized for use in connection with Government contracts. Any deviation from this form will require the written approval of the Administrator of General Services.

2. Insert the full legal name and business address of the Principal in the space designated "Principal" on the face of the form. An authorized person shall sign the bond. Any person signing in a representative capacity (e.g., an attorney-in-fact) must furnish evidence of authority if that representative is not a member of the firm, partnership, or joint venture, or an officer of the corporation involved.

3. (a) Corporations executing the bond as sureties must appear on the Department of the Treasury's list of the approved sureties and must act within the limitation listed therein. Where more than one corporate surety is involved their names and addresses shall appear in the spaces (Surety A, Surety B, etc.) headed "CORPORATE SURETY(IES)." In the space designated "SURETY(IES)" on the face of the form insert only the letter identification of the sureties.

(b) Where individual sureties are involved, a completed Affidavit of Individual Surety (Standard Form 28), for each individual surety, shall accompany the bond. The Government may require the surety to furnish additional substantiating information concerning its financial capability.

4. Corporations executing the bond shall affix their corporate seals. Individuals shall execute the bond opposite the word "Corporate Seal", and shall affix an adhesive seal if executed in Maine, New Hampshire, or any other jurisdiction requiring adhesive seals.

5. Type the name and title of each person signing this bond in the space provided.

SUMMARY SUBCONTRACT REPORT

(See instructions on reverse)

OMB No.: 9000-0007
Expires: 03/31/98

Public reporting burden for this collection of information is estimated to average 13 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 the FAR Secretariat (VRS), Office of Federal Acquisition Policy, GSA, Washington, DC 20405.

1. CORPORATION, COMPANY OR SUBDIVISION COVERED

a. COMPANY NAME

b. STREET ADDRESS

c. CITY | d. STATE | e. ZIP CODE

2. CONTRACTOR'S ESTABLISHMENT CODE

3. DATE SUBMITTED

4. REPORTING PERIOD:

☐ OCT 1 - MAR 31 ☐ OCT 1 - SEPT 30 YEAR

5. TYPE OF REPORT

☐ REGULAR ☐ FINAL ☐ REVISED

6. ADMINISTERING ACTIVITY *(Please check applicable box)*

☐ ARMY
☐ NAVY
☐ AIR FORCE
☐ DEFENSE LOGISTICS AGENCY
☐ NASA
☐ GSA
☐ DOE
☐ OTHER FEDERAL AGENCY *(Specify)*

7. REPORT SUBMITTED AS *(Check one)*

☐ PRIME CONTRACTOR ☐ BOTH
☐ SUBCONTRACTOR

8. TYPE OF PLAN

☐ INDIVIDUAL ☐ COMMERCIAL PRODUCTS

IF PLAN IS A COMMERCIAL PRODUCT PLAN, SPECIFY THE PERCENTAGE OF THE DOLLARS ON THIS REPORT ATTRIBUTABLE TO THIS AGENCY. ▶

9. CONTRACTOR'S MAJOR PRODUCTS OR SERVICE LINES

a | c
b | d

CUMULATIVE FISCAL YEAR SUBCONTRACT AWARDS

(Report cumulative figures for reporting period in Block 4)

TYPE	WHOLE DOLLARS	PERCENT (To nearest tenth of a %)
10a. SMALL BUSINESS CONCERNS *(Include SDB, WOSB, HBCU/MI) (Dollar Amount and Percent of 10c.)*		
10b. LARGE BUSINESS CONCERNS *(Dollar Amount and Percent of 10c.)*		
10c. TOTAL *(Sum of 10a and 10b.)*		100.0%
11. SMALL DISADVANTAGED (SDB) CONCERNS *(Dollar Amount and Percent of 10c.)*		
12. WOMEN-OWNED SMALL BUSINESS (WOSB) CONCERNS *(Dollar Amount and Percent of 10c.)*		
13. HISTORICALLY BLACK COLLEGES AND UNIVERSITIES (HBCU) AND MINORITY INSTITUTIONS (MI) *(If applicable) (Dollar Amount and Percent of 10c.)*		

14. REMARKS

15. CONTRACTOR'S OFFICIAL WHO ADMINISTERS SUBCONTRACTING PROGRAM

a. NAME | b. TITLE | c. TELEPHONE NUMBER: AREA CODE | NUMBER

16. CHIEF EXECUTIVE OFFICER

a. NAME | c. SIGNATURE

b. TITLE | d. DATE

AUTHORIZED FOR LOCAL REPRODUCTION
Previous edition is not usable

STANDARD FORM 295 (REV. 10-95)
Prescribed by GSA - FAR (48 CFR) 53.219(e)

Exhibit F
DACA87-97-D-0064

GENERAL INSTRUCTIONS

1. This report is not required from small businesses.

2. This form collects subcontract award data from prime contractors/subcontractors that: (a) hold one or more contracts over $500,000 (over $1,000,000 for construction of a public facility); and (b) are required to report subcontracts awarded to Small Business (SB), Small Disadvantaged Business (SDB), and Women-Owned Small Business (WOSB) concerns under a subcontracting plan. For the Department of Defense (DOD), the National Aeronautics and Space Administration (NASA), and the Coast Guard, this form also collects subcontract award data for Historically Black Colleges and Universities (HBCUs) and Minority Institutions (MIs).

3. This report must be submitted semi-annually (for the six months ended March 31st and the twelve months ended September 30th) for contracts with the Department of Defense (DOD) and annually (for the twelve months ended September 30th) for contracts with civilian agencies, except for contracts covered by an approved Commercial Products Plan (see special instructions in right-hand column). Reports are due 30 days after the close of each reporting period.

4. This report may be submitted on a corporate, company, or subdivision (e.g., plant or division operating on a separate profit center) basis, unless otherwise directed by the agency awarding the contract.

5. If a prime contractor/subcontractor is performing work for more than one Federal agency, a separate report shall be submitted to each agency covering only that agency's contracts, provided at least one of that agency's contracts is over $500,000 (over $1,000,000 for construction of a public facility) and contains a subcontracting plan. (Note that DOD is considered to be a single agency; see next instruction.)

6. For DOD, a consolidated report should be submitted for all contracts awarded by military departments/agencies and/or subcontracts awarded by DOD prime contractors. However, DOD contractors involved in construction and related maintenance and repair must submit a separate report for each DOD component.

7. Only subcontracts involving performance within the U.S., its possessions, Puerto Rico, and the Trust Territory of the Pacific Islands should be included in this report.

8. Purchases from a corporation, company, or subdivision that is an affiliate of the prime/subcontractor are not included in this report.

9. Subcontract award data reported on this form by prime contractors/subcontractors shall be limited to awards made to their immediate subcontractors. Credit cannot be taken for awards made to lower tier subcontractors.

10. See special instructions in right-hand column for Commercial Products Plans.

SPECIFIC INSTRUCTIONS

BLOCK 2: Enter the nine-position Contractor Establishment Code (CEC) that identifies the specific contractor establishment. (The CEC consists of eight digits followed by one letter. It is the responsibility of the contracting activity to obtain the CEC for a company that does not have one. The CEC is to coincide with the address in Block 1.)

BLOCK 4: Check only one. Note that March 31 represents the six months from October 1st and that September 30th represents the twelve months from October 1st. Enter the year of the reporting period. (i.e., Mar

BLOCK 5: Check whether this report is a "Regular," "Final," and/or "Revised" report. A "Final" report should be checked only if the contractor has completed all the contracts containing subcontracting plans awarded by the agency to which it is reporting. A "Revised" report is a change to a report previously submitted for the same period.

BLOCK 6: Identify the department or agency administering the majority of subcontracting plans.

BLOCK 7: This report encompasses all contracts with the Federal Government for the agency to which it is submitted, including subcontracts received from other large businesses that have contracts with the same agency. Indicate in this block whether the contractor is a prime contractor, subcontractor, or both (check only one).

BLOCK 8: Check only one. Check "Commercial Products Plan" only if this report is under an approved Commercial Products Plan. For a Commercial Products Plan, the contractor must specify the percentage of dollars in Blocks 10a through 13 attributable to the agency to which this report is being submitted.

BLOCK 9: Identify the major product or service lines of the reporting organization.

BLOCKS 10a through 13: These entries should include all subcontract awards resulting from contracts or subcontracts, regardless of dollar amount, received from the agency to which this report is submitted. If reporting as a subcontractor, report all subcontracts awarded under prime contracts. Amounts should include both direct awards and an appropriate prorated portion of indirect awards. (The indirect portion is based on the percentage of work being performed for the organization to which the report is being submitted in relation to other work being performed by the prime contractor/subcontractor.) Do not include awards made in support of commercial business unless "Commercial Products" is checked in Block 8 (see Special Instructions for Commercial products Plans in right hand column).

Report only those dollars subcontracted this fiscal year for the period indicated in Block 4.

BLOCK 10a: Report all subcontracts awarded to SBs including subcontracts to SDBs and WOSBs. For DOD, NASA, and Coast Guard contracts, include subcontracting awards to HBCUs and MIs.

BLOCK 10b: Report all subcontracts awarded to large businesses (LBs).

BLOCK 10c: Report on this line the grand total of all subcontracts (the sum of lines 10a and 10b).

BLOCKS 11 and 13: Each of these items is a subcategory of Block 10a. Note that in some cases the same dollars may be reported on both Block 11 and Block 12 (i.e., SDBs owned by women); likewise subcontracts to HBCUs or MIs should be reported on both Block 11 and 13.

BLOCK 11: Report all subcontracts awarded to SDBs (including women-owned SDBs). For DOD, NASA, and Coast Guard contracts, include subcontract awards to HBCUs and MIs.

BLOCK 12: Report all subcontracts awarded to Women-Owned Small Business firms (including SDBs owned by women).

BLOCK 13 (For contracts with DOD, NASA, and Coast Guard): Enter the dollar value of all subcontracts with HBCUs/MIs.

SPECIAL INSTRUCTIONS FOR COMMERCIAL PRODUCTS PLANS

1. This report is due on October 30th each year for the previous fiscal year ended September 30th.

2. The annual report submitted by reporting organizations that have an approved company-wide annual subcontracting plan for commercial products shall include all subcontracting activity under commercial products plans in effect during the year and shall be submitted in addition to the required reports for other-than-commercial products, if any.

3. Enter in Blocks 10a through 13 the total of all subcontract awards under the contractor's Commercial Products Plan. Show in Block 8 the percentage of this total that is attributable to the agency to which this report is being submitted. This report must be submitted to each agency from which contracts for commercial products covered by an approved Commercial Products Plan were received.

DEFINITIONS

1. Commercial products means products sold in substantial quantities to the general public and/or industry at established catalog or market prices.

2. Subcontract means a contract, purchase order, amendment, or other legal obligation executed by the prime contractor/subcontractor calling for supplies or services required for the performance of the original contract or subcontract.

3. Direct Subcontract Awards are those that are identified with the performance of one or more specific Government contract(s).

4. Indirect Subcontract Awards are those which, because of incurrence for common or joint purposes, are not identified with specific Government contracts; these awards are related to Government contract performance but remain for allocation after direct awards have been determined and identified to specific Government contracts.

SUBMITTAL ADDRESSES FOR ORIGINAL REPORT

For DOD Contractors, send reports to the cognizant contract administration office as stated in the contract.

For Civilian Agency Contractors, send reports to awarding agency:

1. NASA: Forward reports to NASA, Office of Procurement (HC), Washington, DC 20546

2. OTHER FEDERAL DEPARTMENTS OR AGENCIES: Forward report to the OSDBU Director unless otherwise provided for in instructions by the Department or Agency.

FOR ALL CONTRACTORS:

SMALL BUSINESS ADMINISTRATION (SBA): Send "info copy" to the cognizant Commercial Market Representative (CMR) at the address provided by SBA. Call SBA Headquarters in Washington, DC at (202) 205-6475 for correct address if unknown.

PAYMENT BOND

(See instructions on reverse)

DATE BOND EXECUTED (Must be same or later than date of contract)

FORM APPROVED OMB NO. 9000-0045

Public reporting burden for this collection of information is estimated to average 25 minutes per response, including the time for reviewing instructions, s[illegible]g existing data sources, gathering and maintaining the data needed, and completing and reviewing the collection of information. Send comments r[illegible] this burden estimate or any other aspect of this collection of information, including suggestions for reducing this burden, to the FAR Secretariat [illegible]ffice of Federal Acquisition Policy, GSA, Washington, D.C. 20405; and to the Office of Management and Budget, Paperwork Reduction [illegible] (9000-0045), Washington, D.C. 20503.

[illegible]IPAL (Legal name and business address)

TYPE OF ORGANIZATION ("X" one)

☐ INDIVIDUAL ☐ PARTNERSHIP

☐ JOINT VENTURE ☐ CORPORATION

STATE OF INCORPORATION

SURETY(IES) (Name(s) and business address(es))

PENAL SUM OF BOND

MILLION(S)	THOUSAND(S)	HUNDRED(S)	CENTS

CONTRACT DATE	CONTRACT NO.

OBLIGATION:

We, the Principal and Surety(ies), are firmly bound to the United States of America (hereinafter called the Government) in the above penal sum. For payment of the penal sum, we bind ourselves, our heirs, executors, administrators, and successors, jointly and severally. However, where the Sureties are corporations acting as co-sureties, we, the Sureties, bind ourselves in such sum "jointly and severally" as well as "severally" only for the purpose of allowing a joint action or actions against any or all of us. For all other purposes, each Surety binds itself, jointly and severally with the Principal, for the payment of the sum shown opposite the name of the Surety. If no limit of liability is indicated, the limit of liability is the full amount of the penal sum.

[illegible]IONS:

[illegible]ove obligation is void if the Principal promptly makes payment to all persons having a direct relationship with the Principal or a subcontractor of the Principal for furnishing labor, material or both in the prosecution of the work provided for in the contract identified above, and any authorized modifications of the contract that subsequently are made. Notice of those modifications to the Surety(ies) are waived.

WITNESS:

The principal and Surety(ies) executed this payment bond and affixed their seals on the above date.

PRINCIPAL

SIGNATURE(S)	1. (Seal)	2. (Seal)	3. (Seal)	Corporate Seal
NAME(S) & TITLE(S) (Typed)	1.	2.	3.	

INDIVIDUAL SURETY(IES)

SIGNATURE(S)	1. (Seal)	2. (Seal)
NAME(S) (Typed)	1.	2.

CORPORATE SURETY(IES)

NAME & [illegible]RESS		STATE OF INC.	LIABILITY LIMIT $	Corporate Seal
[illegible]NATURE(S)	1.	2.		
NAME(S) & TITLE(S) (Typed)	1.	2.		

CORPORATE SURETY(IES) (Continued)

SURETY B	NAME & ADDRESS		STATE OF INC.	LIABILITY LIMIT $	Corporate Seal
	SIGNATURE(S)	1.	2.		
	NAME(S) & TITLE(S) (Typed)	1.	2.		
SURETY C	NAME & ADDRESS		STATE OF INC.	LIABILITY LIMIT $	Corporate Seal
	SIGNATURE(S)	1.	2.		
	NAME(S) & TITLE(S) (Typed)	1.	2.		
SURETY D	NAME & ADDRESS		STATE OF INC.	LIABILITY LIMIT $	Corporate Seal
	SIGNATURE(S)	1.	2.		
	NAME(S) & TITLE(S) (Typed)	1.	2.		
SURETY E	NAME & ADDRESS		STATE OF INC.	LIABILITY LIMIT $	Corporate Seal
	SIGNATURE(S)	1.	2.		
	NAME(S) & TITLE(S) (Typed)	1.	2.		
SURETY F	NAME & ADDRESS		STATE OF INC.	LIABILITY LIMIT $	Corporate Seal
	SIGNATURE(S)	1.	2.		
	NAME(S) & TITLE(S) (Typed)	1.	2.		
SURETY G	NAME & ADDRESS		STATE OF INC.	LIABILITY LIMIT $	Corporate Seal
	SIGNATURE(S)	1.	2.		
	NAME(S) & TITLE(S) (Typed)	1.	2.		

INSTRUCTIONS

1. This form, for the protection of persons supplying labor and material, is used when a payment bond is required under the Act of August 24, 1935, 49 Stat. 793 (40 U.S.C. 270a-270e). Any deviation from this form will require the written approval of the Administrator of General Services.

2. Insert the full legal name and business address of the Principal in the space designated "Principal" on the face of the form. An authorized person shall sign the bond. Any person signing in a representative capacity (e.g., an attorney-in-fact) must furnish evidence of authority if that representative is not a member of the firm, partnership, or joint venture, or an officer of the corporation involved.

3. (a) Corporations executing the bond as sureties must appear on the Department of the Treasury's list of approved sureties and must act within the limitation listed therein. Where more than one corporate surety is involved, their names and addresses shall appear in the spaces (Surety A, Surety B, etc.) headed "CORPORATE SURETY(IES)." In the space designated "SURETY(IES)" on the face of the form, insert only the letter identification o the sureties.

(b) Where individual sureties are involved, a complete Affidavit of Individual Surety (Standard Form 28) for eac individual surety, shall accompany the bond. The Government ma require the surety to furnish additional substantiating informatio concerning their financial capability.

4. Corporations executing the bond shall affix their corporat seals. Individuals shall execute the bond opposite the wor "Corporate Seal", and shall affix an adhesive seal if executed i Maine, New Hampshire, or any other jurisdiction requiring adhesiv seals.

5. Type the name and title of each person signing this bond i the space provided.