AWARD/CONTRACT

1. THIS CONTRACT IS A RATED ORDER UNDER DPAS (15 CFR 350)

RATING  DX-C9

PAGE OF PAGES  1  58

2. CONTRACT (Proc. Inst. Ident.) NO.
HQ0006-98-C-0003

3. EFFECTIVE DATE
See Block 20C

4. REQUISITION/PURCHASE REQUEST/PROJECT NO.
5012/J017

5. ISSUED BY
Department of Defense
Ballistic Missile Defense Organization
1725 Jefferson Davis Highway, Suite 809
Arlington, VA  22202

ATTN:  Mr. Alex Austin  (703) 604-4288

6. ADMINISTERED BY (If other than Item 6)
CODE  S0513A

DCMC Santa Ana (DCMDW-GAORS)
P.O. Box C-12700
Santa Ana, CA

7. NAME AND ADDRESS OF CONTRACTOR
BOEING NORTH AMERICAN, Inc., A Wholly Owned Subsidiary of The Boeing Company
Reusable Space Systems
P.O. Box 7009
12214 Lakewood Blvd.
Downey, CA  90241-7009

CODE  03953  FACILITY CODE

8. DELIVERY
FOB ORIGIN  OTHER (See below)

9. DISCOUNT FOR PROMPT PAYMENT

10. SUBMIT INVOICES
(4 copies unless otherwise specified)
TO THE
See Section G-5

11. SHIP TO/MARK FOR
See Section E-2

12. PAYMENT WILL BE MADE BY
See Section G-9

13. AUTHORITY FOR USING OTHER FULL AND OPEN COMPETITION:

10 U.S.C. 2304(c)(   )
41 U.S.C. 253(c)(   )

14. ACCOUNTING AND APPROPRIATION DATA
See Section G-9

15A. ITEM NO.  15B. SUPPLIES/SERVICES  15C. QUANTITY  15D. UNIT  15E. UNIT PRICE  15F. AMOUNT
0001 National Missile Defense System Development  1  LOT  N/A  $1,649,495,421
0002 Data and Reports for CLIN 0001  1  LOT  N/A  $2,181,263,063

15G. TOTAL AMOUNT OF CONTRACT  $ 1,649,495,421

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CONTRACTING OFFICER WILL COMPLETE ITEM 17 OR 18 AS APPLICABLE

17. CONTRACTOR’S NEGOTIATED AGREEMENT (Contractor is required to sign this document and return 2 copies to issuing office.) Contractor agrees to furnish and deliver all items or perform all the services set forth or otherwise identified above and on any continuation sheets for the consideration stated herein. The rights and obligations of the parties to this contract shall be subject to and governed by the following documents: (a) this award/contract, (b) the solicitation, if any, and (c) such provisions, representations, certifications, and specifications, as are attached or incorporated by reference herein. (Attachments are listed herein.)

18. AWARD (Contractor is not required to sign this document.) Your offer on Solicitation Number ________________________, including the additions or changes made by you which additions or changes are set forth in full above, is hereby accepted as to the items listed above and on any continuation sheets. This award consummates the contract which consists of the following documents: (a) the Government’s solicitation and your offer, and (b) this award/contract. No further contractual document is necessary.

19A. NAME AND TITLE OF SIGNER  (Type or print)
DENNIS A. LAXTON
DIRECTOR, CONTRACTS AND PRICING

/S/  (Signature of person authorized to sign)
3-18-98

19B. NAME OF CONTRACTOR
BOEING NORTH AMERICAN, Inc.

19C. DATE SIGNED
3-18-98

19D. NAME OF OFFICER AUTHORIZED TO SIGN
A.L. AUSTIN
DIRECTOR, CONTRACTS AND PRICING

/S/  (Signature of Contracting Officer)

20A. NAME OF CONTRACTING OFFICER
A.L. AUSTIN

20B. UNITED STATES OF AMERICA

20C. DATE SIGNED
4/30/98

NSN 7540-01-152-8069
PREVIOUS EDITION UNUSABLE
Computer Generated

STANDARD FORM 26 (REV. 4-85)
Prescribed by GSA
FAR (48 CFR) 53.214(a)
PART I - THE SCHEDULE

SECTION B - SUPPLIES OR SERVICES AND PRICE/COSTS

B-1  LINE ITEM DESCRIPTION

In accordance with this contract, the Contractor shall furnish all materials, labor, equipment and facilities, except as specified herein to be furnished by the Government, and shall do all that which is necessary or incidental to the satisfactory and timely performance of the following:

a. BASIC CONTRACT

<table>
<thead>
<tr>
<th>Contract Line Item No. (CLIN)</th>
<th>SUPPLIES/SERVICES</th>
<th>QTY</th>
<th>UNIT</th>
<th>AMOUNT</th>
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</thead>
<tbody>
<tr>
<td>0001</td>
<td>NMD System Development.</td>
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<tr>
<td></td>
<td>The Contractor shall develop a National Missile Defense (NMD) System comprising the system elements including interceptors, sensors, and command and control functions. The NMD System shall be developed per the Statement of Work entitled “NMD Lead System Integrator (LSI) SOW, Attachment 1, paras. 3.1.0 - 3.8.6 by integrating system elements to function as a cohesive system to perform as required by the NMD Capability 1, System Requirements Document (SRD) and be evolvable to NMD Capability 2 per Section H-1.</td>
<td></td>
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<tr>
<td>000101</td>
<td>NMD System (PMT, SEIT, T&amp;E, D&amp;S)</td>
<td>1</td>
<td>LOT</td>
<td>$1,995,280,443</td>
</tr>
<tr>
<td></td>
<td>(paras. 3.1.0 - 3.1.4, 3.2.0 - 3.2.11, 3.7.0 - 3.7.6, and 3.8.0 - 3.8.6)</td>
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<tr>
<td>000102</td>
<td>WS-Weapon System(KV/Interceptor)</td>
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<td></td>
<td>(paras. 3.3.0 - 3.3.6)</td>
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<tr>
<td>000103</td>
<td>UEWR-Upgraded Early Warning Radar</td>
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<td></td>
<td>(paras. 3.4.0 - 3.4.6)</td>
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<tr>
<td>000104</td>
<td>XBR-X-Band Radars</td>
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<td></td>
<td>(paras. 3.5.0 - 3.5.5)</td>
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<tr>
<td>000105</td>
<td>BMC3-Battle Management &amp; C3</td>
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<td>(paras. 3.6.0 - 3.6.9)</td>
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</tbody>
</table>

Estimated Cost:              | $1,995,280,443 |
Maximum Available Award Fee: | $189,108,457* |
Estimated Cost Plus Maximum Available Award Fee: | $2,184,388,900 |

*Includes amount of $18,862,315 award fee earned in the first evaluation period, $33,184,877 award fee earned in the second evaluation period, $31,830,184 award fee earned in the third evaluation period, $20,959,340 award fee earned in the fourth evaluation period, and $84,271,741 award fee earned in the fifth period.
<table>
<thead>
<tr>
<th>CLIN</th>
<th>SUPPLIES/SERVICES</th>
<th>QTY</th>
<th>UNIT</th>
<th>AMOUNT</th>
</tr>
</thead>
<tbody>
<tr>
<td>0002</td>
<td>Data and reports for CLIN 0001 and SubCLINs 000101-000105 in accordance with the Contract Data Requirements List (CDRL), Exhibit A.</td>
<td>1</td>
<td>LOT</td>
<td>Not Separately Priced (NSP)</td>
</tr>
<tr>
<td>0003</td>
<td>NMD Special Studies and Analyses Technical Instructions for Special Studies and Analyses shall be issued pursuant to Special Contract Requirement H-38, Task Instructions</td>
<td>1</td>
<td>LOT</td>
<td>$3,763,587</td>
</tr>
<tr>
<td>0004</td>
<td>Data and reports for CLIN 0003 in accordance with the Contract Data Requirements List (CDRL), Exhibit H and individual task instructions.</td>
<td>1</td>
<td>LOT</td>
<td>Not Separately Priced (NSP)</td>
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</tbody>
</table>

Estimated Cost for CLIN 0003: $3,272,684  
Maximum Available Award Fee: $490,903  
Estimated Cost Plus Maximum Available Award Fee for CLIN 0003: $3,763,587

Note 1: Award Fee for the total estimated CLIN 0003 is included here. The Award Fee available is 15%. Award Fee will be added to the Fee Pool by Award Fee Periods based on Task Instructions issued during each period per Section H, Special Contract Requirements, H-38, Task Instructions. Includes amount of $98,967 award fee earned in the fourth evaluation period, and $34,275 award fee earned in the fifth evaluation period.
b. CONTINUED DEVELOPMENT OPTIONS

The Government may exercise options for the Continued NMD System Development as set forth below. The Contracting Officer may exercise the Option CLINs below by issuance of a modification exercising such right in accordance with Special Contract Requirement H-2.

<table>
<thead>
<tr>
<th>CLIN</th>
<th>SUPPLIES/SERVICES</th>
<th>QTY</th>
<th>UNIT</th>
<th>AMOUNT</th>
</tr>
</thead>
<tbody>
<tr>
<td>0101</td>
<td>Option for Continuing Development #1</td>
<td>1</td>
<td>LOT</td>
<td>$76,295,194</td>
</tr>
<tr>
<td></td>
<td>(Capability 1 Upgrade 1 - C1U1) of portions of the</td>
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<td></td>
<td>system developed under CLIN 0001, in accordance</td>
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<td></td>
<td>with the Statement of Work (SOW) entitled “NMD Lead</td>
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<tr>
<td></td>
<td>System Integrator SOW, Attachment 1, paras. 4.1.0 -</td>
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<tr>
<td></td>
<td>4.8.6 as required by the NMD SRD per Section H-1</td>
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<tr>
<td>010101</td>
<td>NMD System (SEIT only)</td>
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<td></td>
<td>*(See Common CLIN 0131 for PMT, T&amp;E, D&amp;S &amp; SEIT tasks</td>
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<td>*(in CWBS 2.5-2.9 during this period)</td>
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<td></td>
<td>(paras. 4.2.0 - 4.2.4 and 4.2.10 - 4.2.11) ($7,631,532)</td>
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<tr>
<td>010102</td>
<td>WS-Weapon System(KV/Interceptor)</td>
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<tr>
<td></td>
<td>(paras. 4.3.0 - 4.3.6) ($23,058,222)</td>
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<td>010103</td>
<td>UEWR-Upgraded Early Warning Radar</td>
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<td></td>
<td>(paras. 4.4.0 - 4.4.6) ($4,986,383)</td>
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<tr>
<td>010104</td>
<td>XBR-X-Band Radars</td>
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<td>(paras. 4.5.0 - 4.5.4) ($24,019,406)</td>
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<td>010105</td>
<td>BMC3-Battle Management &amp; C3</td>
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<td>(paras. 4.6.0 - 4.6.9) ($28,032,788)</td>
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Estimated Cost: $76,295,194
Maximum Available Award Fee: $11,433,137
Estimated Cost Plus Maximum Available Award Fee: $87,728,331

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<th>SUPPLIES/SERVICES</th>
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<td>0102</td>
<td>Deployment Option Schedule Protection (DOSP)</td>
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<tr>
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<td>to support the deployment of C1U1 upgrades developed</td>
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<tr>
<td></td>
<td>under CLIN 0101</td>
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<tr>
<td>010205</td>
<td>BMC3-Battle Management &amp; C3</td>
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<td></td>
<td>($2,895,792)</td>
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<td></td>
<td>Estimated Cost:</td>
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<td></td>
<td>Maximum Available Award Fee:</td>
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<td></td>
<td>Estimated Cost Plus Maximum Available Award Fee:</td>
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</tr>
<tr>
<td>0103</td>
<td>Data and reports for <strong>CLINs 0101 and 0102</strong> in accordance with the CDRL, <strong>Exhibit B</strong></td>
<td>1</td>
<td>LOT</td>
</tr>
<tr>
<td>0111</td>
<td>Option for <strong>Continuing Development #2</strong> (Capability 1 Upgrade 2 - C1U2) of portions of the system developed under CLIN 0001, in accordance with the Statement of Work (SOW) entitled “NMD Lead System Integrator SOW, dated 18 MAR 1998”, Attachment 1, paras. 5.1.0 - 5.8.6, as required by the NMD Capability 1 SRD per Section H-1 (or as contemplated by NMD Capability 2).</td>
<td>1</td>
<td>LOT</td>
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<tr>
<td>011101</td>
<td><strong>NMD System</strong> (SEIT &amp; D&amp;S) <em>(See Common CLIN 0131 for PMT, T&amp;E &amp; SEIT tasks (in CWBS 2.5-2.9) during this period)</em></td>
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<td></td>
<td>(paras. 5.2.0 - 5.2.4, 5.2.10 - 5.2.11, &amp; 5.8.0 - 5.8.6) ($18,260,444)</td>
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<tr>
<td>011102</td>
<td><strong>WS-Weapon System</strong> (KV/Interceptor)</td>
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<td></td>
<td>(paras. 5.3.0 - 5.3.5) ($116,446,189)</td>
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<tr>
<td>011103</td>
<td><strong>UEWR-Upgraded Early Warning Radar</strong></td>
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<td></td>
<td>(paras. 5.4.0 - 5.4.5) ($3,857,010)</td>
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<tr>
<td>011104</td>
<td><strong>XBR-X-Band Radars</strong></td>
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<td>(paras. 5.5.0 - 5.5.4) ($57,500,000)</td>
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<tr>
<td>011105</td>
<td><strong>BMC3-Battle Management &amp; C3</strong></td>
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<td>(paras. 5.6.0 - 5.6.9) ($12,147,495)</td>
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<td>Estimated Cost:</td>
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<td>Maximum Available Award Fee:</td>
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<td>Estimated Cost Plus Maximum Available Award Fee:</td>
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<tr>
<td>CLIN</td>
<td>SUPPLIES/SERVICES</td>
<td>QTY</td>
<td>UNIT</td>
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<tr>
<td>0112</td>
<td>Deployment Option Schedule Protection (DOSP) to support the deployment of C1U2 upgrades developed under CLIN 0111 and SOW para. 5.9.0</td>
<td>1</td>
<td>LOT</td>
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<tr>
<td>011201</td>
<td>NMD System (PMT, SEIT, T&amp;E, D&amp;S)</td>
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<tr>
<td>011202</td>
<td>WS-Weapon System(KV/Interceptor) ($N/A)</td>
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<tr>
<td>011203</td>
<td>UEWR-Upgraded Early Warning Radar</td>
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<tr>
<td>011204</td>
<td>XBR-X-Band Radars</td>
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</tr>
<tr>
<td>011205</td>
<td>BMC3-Battle Management &amp; C3 ($2,229,058)</td>
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- Estimated Cost: $1,938,311
- Maximum Available Award Fee: $290,747
- Estimated Cost Plus Maximum Available Award Fee: $2,229,058

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<th>AMOUNT</th>
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<tr>
<td>013</td>
<td>Data and reports for CLINs 0111 and 0112 in accordance with the CDRL, Exhibit D.</td>
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<td>LOT</td>
<td>NSP</td>
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<table>
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<th>SUPPLIES/SERVICES</th>
<th>QTY</th>
<th>UNIT</th>
<th>AMOUNT</th>
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<tr>
<td>0121</td>
<td>Option for Continuing Development #3 of portions of the system developed under CLIN 0001, in accordance with the Statement of Work (SOW) entitled “NMD Lead System Integrator SOW, dated 18 MAR 1998”, Attachment 1, paras. 6.1.0 - 6.8.6 and 6.9.0 as required by the NMD Capability 2 SRD per Section H-1.</td>
<td>1</td>
<td>LOT</td>
<td></td>
</tr>
<tr>
<td>012101</td>
<td>NMD System (SEIT, T&amp;E, D&amp;S) (See Common CLIN 0131 for PMT &amp; SEIT tasks (in CWBS 2.5-2.9) during this period) (paras. 6.2.0 - 6.2.4, 6.2.10 - 6.2.11 &amp; 6.7.0 - 6.7.6, 6.8.0 - 6.8.6) ($197,217,820)</td>
<td></td>
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<tr>
<td>012102</td>
<td>WS-Weapon System(KV/Interceptor) (paras. 6.3.0 - 6.3.6) ($261,632,239)</td>
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</tr>
<tr>
<td>012103</td>
<td>UEWR-Upgraded Early Warning Radar (paras. 6.4.0 - 6.4.5) ($3,371,817)</td>
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<tr>
<td>012104</td>
<td>XBR-X-Band Radars (paras. 6.5.0 - 6.5.5) ($240,350,000)</td>
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<td>CLIN</td>
<td>SUPPLIES/SERVICES</td>
<td>QTY</td>
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<td>AMOUNT</td>
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<tr>
<td>012105</td>
<td><strong>BMC3-Battle Management &amp; C3</strong> (paras. 6.6.0 - 6.6.9) ($72,738,656)</td>
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<td>Estimated Cost:</td>
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<td>$674,245,323</td>
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<td>$101,065,209</td>
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<td>Estimated Cost Plus Maximum Award Fee:</td>
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<td>$775,310,532</td>
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<tr>
<td>0122</td>
<td><strong>Deployment Option Schedule Protection #3 in accordance with SOW para. 10.1.0 - 10.8.6</strong></td>
<td>1</td>
<td>LOT</td>
<td></td>
</tr>
<tr>
<td>012201</td>
<td><strong>NMD System (SEIT, T&amp;E, D&amp;S)</strong> (paras. 10.1.0, 10.2.0 - 10.2.11 &amp; 10.7.0 - 10.7.6, 10.8.0 - 10.8.6) ($192,905,596)</td>
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<tr>
<td>012202</td>
<td><strong>WS-Weapon System (KV/Interceptor)</strong> (paras. 10.3.0 - 10.3.6) ($260,601,364)</td>
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<tr>
<td>012203</td>
<td><strong>UEWR-Upgraded Early Warning Radar ($N/A)</strong></td>
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<tr>
<td>012204</td>
<td><strong>XBR-X-Band Radars</strong> (paras. 10.5.0 - 10.5.5) ($19,831,729)</td>
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</tr>
<tr>
<td>012205</td>
<td><strong>BMC3-Battle Management &amp; C3</strong> (paras. 10.6.0 - 10.6.9) ($38,422,494)</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>Estimated Cost:</td>
<td></td>
<td></td>
<td>$445,084,743</td>
</tr>
<tr>
<td></td>
<td>Maximum Available Award Fee:</td>
<td></td>
<td></td>
<td>$66,676,440</td>
</tr>
<tr>
<td></td>
<td>Estimated Cost Plus Maximum Award Fee:</td>
<td></td>
<td></td>
<td>$511,761,183</td>
</tr>
<tr>
<td>0123</td>
<td><strong>Data and reports for CLINs 0121 and 0122 in accordance with the CDRL, Exhibit E.</strong></td>
<td>1</td>
<td>LOT</td>
<td>N/A</td>
</tr>
<tr>
<td>0131</td>
<td><strong>Common CLIN in accordance with the Statement of 7.1.0 - 7.8.6 per Section H-1</strong></td>
<td>1</td>
<td>LOT</td>
<td></td>
</tr>
<tr>
<td>013101</td>
<td><strong>NMD System (PMT, SEIT, T&amp;E, D&amp;S)</strong> (paras. 7.1.0 - 7.2.11, 7.7.0 - 7.7.6 &amp; 7.8.0 - 7.8.6) ($332,796,806)</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>013102</td>
<td><strong>WS-Weapon System (KV/Interceptor)</strong> (paras. 7.3.0 - 7.3.6) ($186,231,076)</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>CLIN</td>
<td>SUPPLIES/SERVICES</td>
<td>QTY</td>
<td>UNIT</td>
<td>AMOUNT</td>
</tr>
<tr>
<td>-------</td>
<td>----------------------------------------------------------------------------------</td>
<td>-----</td>
<td>------</td>
<td>--------------</td>
</tr>
<tr>
<td>013103</td>
<td><strong>UEWR</strong>-Upgraded Early Warning Radar (paras. 7.4.1 - 7.4.2 only) (paras. 7.4.3 - 7.4.6 are Reserved) ($2,169,603)</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>013104</td>
<td><strong>XBR</strong>-X-Band Radars (paras. 7.5.0 - 7.5.9 are Reserved)</td>
<td></td>
<td></td>
<td>N/A</td>
</tr>
<tr>
<td>013105</td>
<td><strong>BMC3</strong>-Battle Management &amp; C3 (paras. 7.6.0 - 7.6.9) ($126,202,317)</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Estimated Cost: $563,028,809  
Maximum Available Award Fee: $84,370,993  
Estimated Cost Plus Maximum Available Award Fee: $647,399,802  

0132 Data and reports for CLINs 0131 in accordance with the CDRL, Exhibit G.
c. DEPLOYMENT OPTION

The Government may exercise this option for the deployment of the NMD system as set forth below. The Contracting Officer may exercise the Option CLINs below by issuance of a modification exercising such right in accordance with Special Contract Requirement H-2.

<table>
<thead>
<tr>
<th>CLIN</th>
<th>SUPPLIES/SERVICES</th>
<th>QTY</th>
<th>UNIT</th>
<th>AMOUNT</th>
</tr>
</thead>
<tbody>
<tr>
<td>0201</td>
<td>Option to <strong>deploy</strong> the NMD system developed under CLIN 0001 in accordance with the Statement of Work (SOW) entitled “NMD Lead System Integrator SOW, Attachment 1, paras. 8.1.0 - 8.8.6 and Section H-2.</td>
<td>1</td>
<td>LOT</td>
<td></td>
</tr>
</tbody>
</table>
| 020101 | **NMD System** (SEIT, T&E, D&S)  
See Common CLIN 0131 for all PMT tasks & SEIT tasks in CWBS 2.5 & 2.9 during this period  
(paras. 8.2.0 - 8.2.4, 8.2.6 - 8.2.8, 8.2.10 - 8.2.11 & 8.7.0 - 8.8.6) ($167,017,316) |     |      |              |
| 020102 | **WS** - Weapon System(KV/Interceptor)  
(paras. 8.3.0 - 8.3.6) ($587,289,545) |     |      |              |
| 020103 | **UEWR** - Upgraded Early Warning Radars  
(paras. 8.4.0 - 8.4.6) ($76,399,141) |     |      |              |
| 020104 | **XBR** - X-Band Radars  
(paras. 8.5.0 - 8.5.4) ($223,860,120) | 1   | LOT  |              |
| 020105 | **BMC3** - Battle Management and C3  
(paras. 8.6.0 - 8.6.9) ($110,255,546) | 1   | LOT  |              |

Estimated Cost: $1,012,966,480
Maximum Available Award Fee: $151,855,188
Estimated Cost Plus Maximum Available Award Fee: $1,164,821,668
<table>
<thead>
<tr>
<th>CLIN</th>
<th>SUPPLIES/SERVICES</th>
<th>QTY</th>
<th>UNIT</th>
<th>AMOUNT</th>
</tr>
</thead>
<tbody>
<tr>
<td>0202</td>
<td>Data and reports for CLIN 0201 in accordance with the CDRL, <strong>Exhibit C</strong>.</td>
<td>1</td>
<td>LOT</td>
<td>NSP</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>0203</td>
<td>Option for <strong>Sustainment</strong> of the NMD System deployed under Item 0201. (paras. 9.8.0 - 9.8.6 only)</td>
<td>1</td>
<td>LOT</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Estimated Cost:</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>$127,056,045</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>Maximum Available Award Fee:</td>
<td>$ 19,055,743</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>Estimated Cost Plus Maximum Available Award Fee:</td>
<td>$146,111,788</td>
<td></td>
<td></td>
</tr>
<tr>
<td>0204</td>
<td>Data and reports for CLIN 0203 in accordance with the CDRL, <strong>Exhibit F</strong>.</td>
<td>1</td>
<td>LOT</td>
<td>NSP</td>
</tr>
</tbody>
</table>

**B-2 ESTIMATED COST AND FEE**

The total estimated cost and award fee of this contract, including all options that may be exercised by the Government, are:

- **Estimated Cost:** $5,082,757,256
- **Maximum Available Award Fee:** $651,864,523
- **Estimated Cost Plus Maximum Available Award Fee:** $5,734,621,779

**B-3 CONTRACT TYPE**

This is a Cost-Plus-Award-Fee completion type contract with options as specified in paragraph B-1.

**B-4 PAYMENT OF AWARD FEE**

Payment of the Award Fee will be made in accordance with provision H-23, "Award Fee". Award Fee for CLIN 0003 will be added to the Fee Pool by Award Fee Periods based on Task Instructions issued during each period per Section H, Special Contract Requirements H-38, Task Instructions.
SECTION C - DESCRIPTION/SPECIFICATIONS/WORK

C-1 SCOPE OF WORK

The contractor shall perform the work specified in Attachment 1, the National Missile Defense (NMD) Lead System Integrator (LSI) Statement of Work (SOW).

a. BASIC CONTRACT

Contract Line Item No. (CLIN) DESCRIPTION AND DESIGNATION OF IPT EFFORT FOR NOTED SUBCLINS SOW PARAGRAPHS

0001 NMD System Development - Basic 3.1.0 - 3.8.6
000101 NMD System (PMT, SEIT, T&E, D&S) 3.1.0 - 3.1.4, 3.2.0 - 3.2.11, 3.7.0 - 3.7.6, 3.8.0 - 3.8.6
000102 WS-Weapon System(KV/Interceptor) 3.3.0 - 3.3.6
000103 UEWR-Upgraded Early Warning Radar 3.4.0 - 3.4.6
000104 XBR-X-Band Radars 3.5.0 - 3.5.5
000105 BMC3-Battle Management & C3 3.6.0 - 3.6.9

0002 Data and reports for CLIN 0001 and SubCLINs 000101-000105 in accordance with the Contract Data Requirements List (CDRL), Exhibit A.

0003 NMD Special Studies and Analyses 3.2.12
(See Special Contract Requirement, H-38 Task Instructions)

0004 Data and reports for CLIN 0003 in accordance with the Contract Data Requirements List (CDRL), Exhibit H and individual task instructions.

b. CONTINUED DEVELOPMENT OPTIONS

CLIN DESCRIPTION SOW PARAGRAPHS
0101 Option for Continuing Development #1 (Capability 1 Upgrade 1 - C1U1) of portions of the system developed under CLIN 0001 4.1.0 - 4.8.0
010101 NMD System (SEIT only) 4.2.0 - 4.2.4, and 4.2.10 - 4.2.11
(See Common CLIN 0131 for PMT, T&E, D&S & SEIT tasks (in CWBS 2.5-2.9) during this period)
010102 WS-Weapon System(KV/Interceptor) 4.3.0 - 4.3.6
<table>
<thead>
<tr>
<th>CLIN</th>
<th>DESCRIPTION</th>
<th>SOW PARAGRAPHS</th>
</tr>
</thead>
<tbody>
<tr>
<td>010103</td>
<td>UEWR-Upgraded Early Warning Radar</td>
<td>4.4.0 - 4.4.6</td>
</tr>
<tr>
<td>010104</td>
<td>XBR-X-Band Radars</td>
<td>4.5.0 - 4.5.5</td>
</tr>
<tr>
<td>010105</td>
<td>BMC3-Battle Management &amp; C3</td>
<td>4.6.0 - 4.6.9</td>
</tr>
<tr>
<td>0102</td>
<td>Deployment Option Schedule Protection (DOSP)#1 for</td>
<td>4.9.0</td>
</tr>
<tr>
<td></td>
<td>C1U1 to support the deployment of upgrades developed</td>
<td></td>
</tr>
<tr>
<td></td>
<td>under CLIN 0101</td>
<td></td>
</tr>
<tr>
<td>010201</td>
<td>NMD System</td>
<td>Reserved</td>
</tr>
<tr>
<td>010202</td>
<td>WS-Weapon System(KV/Interceptor)</td>
<td>Reserved</td>
</tr>
<tr>
<td>010203</td>
<td>UEWR-Upgraded Early Warning Radar</td>
<td>Reserved</td>
</tr>
<tr>
<td>010204</td>
<td>XBR-X-Band Radars</td>
<td>Reserved</td>
</tr>
<tr>
<td>010205</td>
<td>BMC3-Battle Management &amp; C3</td>
<td>4.9.0</td>
</tr>
<tr>
<td>0103</td>
<td>Data and reports for CLINs 0101 and 0102 in accordance</td>
<td></td>
</tr>
<tr>
<td></td>
<td>with the CDRL, Exhibit B.</td>
<td></td>
</tr>
<tr>
<td>0111</td>
<td>Option for Continuing Development #2 (Capability 1</td>
<td>5.1.0 - 5.8.6</td>
</tr>
<tr>
<td></td>
<td>Upgrade 2 - C1U2) of portions of the system developed</td>
<td></td>
</tr>
<tr>
<td></td>
<td>under CLIN 0001</td>
<td></td>
</tr>
<tr>
<td>011101</td>
<td>NMD System (SEIT &amp; D&amp;S) (See Common CLIN 0131 for</td>
<td>5.2.0 - 5.2.4, 5.2.10 -</td>
</tr>
<tr>
<td></td>
<td>PMT, T&amp;E &amp; SEIT tasks (in CWBS 2.5-2.9) during this</td>
<td></td>
</tr>
<tr>
<td></td>
<td>period) 5.2.11, and 5.8.0 - 5.8.6</td>
<td></td>
</tr>
<tr>
<td>011102</td>
<td>WS-Weapon System(KV/Interceptor)</td>
<td>5.3.0 - 5.3.6</td>
</tr>
<tr>
<td>011103</td>
<td>UEWR-Upgraded Early Warning Radar</td>
<td>5.4.0 - 5.4.6</td>
</tr>
<tr>
<td>011104</td>
<td>XBR-X-Band Radars</td>
<td>5.5.0 - 5.5.4</td>
</tr>
<tr>
<td>011105</td>
<td>BMC3-Battle Management &amp; C3</td>
<td>5.6.0 - 5.6.9</td>
</tr>
<tr>
<td>0112</td>
<td>Deployment Option Schedule Protection (DOSP)#2</td>
<td>5.9.0</td>
</tr>
<tr>
<td></td>
<td>to support the deployment of C1U2 upgrades developed</td>
<td></td>
</tr>
<tr>
<td></td>
<td>under CLIN 0111</td>
<td></td>
</tr>
<tr>
<td>011201</td>
<td>NMD System (PMT, SEIT, T&amp;E, D&amp;S)</td>
<td>Reserved</td>
</tr>
<tr>
<td>011202</td>
<td>WS-Weapon System(KV/Interceptor)</td>
<td>5.9.0</td>
</tr>
<tr>
<td>011203</td>
<td>UEWR-Upgraded Early Warning Radar</td>
<td>Reserved</td>
</tr>
<tr>
<td>011204</td>
<td>XBR-X-Band Radars</td>
<td>Reserved</td>
</tr>
<tr>
<td>CLIN</td>
<td>DESCRIPTION</td>
<td>SOW PARAGRAPHS</td>
</tr>
<tr>
<td>--------</td>
<td>-------------------------------------------------------</td>
<td>----------------</td>
</tr>
<tr>
<td>011205</td>
<td>BMC3-Battle Management &amp; C3</td>
<td>5.9.0</td>
</tr>
<tr>
<td>0113</td>
<td>Data and reports for CLINs 0111 and 0112 in accordance with the CDRL, Exhibit D.</td>
<td></td>
</tr>
<tr>
<td>0121</td>
<td>Option for <strong>Continuing Development #3</strong> of portions of the system developed under CLIN 0001</td>
<td>6.1.0 - 6.8.6</td>
</tr>
<tr>
<td>012101</td>
<td>NMD System (SEIT, T&amp;E, D&amp;S) <em>(See Common CLIN 0131 for PMT &amp; SEIT tasks (in CWBS 2.5-2.9) during this period)</em></td>
<td>6.2.0 - 6.2.4, 6.2.10 - 6.2.11, and 6.7.0 - 6.7.6, 6.8.0 - 6.8.6</td>
</tr>
<tr>
<td>012102</td>
<td>WS-Weapon System(KV/Interceptor)</td>
<td>6.3.0 - 6.3.6</td>
</tr>
<tr>
<td>012103</td>
<td>UEWR-Upgraded Early Warning Radar</td>
<td>6.4.0 - 6.4.5</td>
</tr>
<tr>
<td>012104</td>
<td>XBR-X-Band Radars</td>
<td>6.5.0 - 6.5.5</td>
</tr>
<tr>
<td>012105</td>
<td>BMC3-Battle Management &amp; C3</td>
<td>6.6.0 - 6.6.9</td>
</tr>
<tr>
<td>0122</td>
<td><strong>Deployment Option Schedule Protection (DOSP)</strong> #3 to support the deployment of C1 upgrades developed under CLIN 0121</td>
<td>10.1.0 - 10.8.6</td>
</tr>
<tr>
<td>012201</td>
<td>NMD System (SEIT, T&amp;E, D&amp;S)</td>
<td>10.2.0, 10.2.11, 10.7.0, 10.7.6, 10.8.0, 10.8.6</td>
</tr>
<tr>
<td>012202</td>
<td>WS-Weapon System(KV/Interceptor)</td>
<td>10.3.0 - 10.3.6</td>
</tr>
<tr>
<td>012203</td>
<td>UEWR-Upgraded Early Warning Radar</td>
<td>10.4.0</td>
</tr>
<tr>
<td>012204</td>
<td>XBR-X-Band Radars</td>
<td>10.5.0 - 10.5.5</td>
</tr>
<tr>
<td>012205</td>
<td>BMC3-Battle Management &amp; C3</td>
<td>10.6.0 - 10.6.9</td>
</tr>
<tr>
<td>0123</td>
<td>Data and reports for CLINs 0121 and 0122 in accordance with the CDRL, Exhibit E.</td>
<td></td>
</tr>
<tr>
<td>0131</td>
<td><strong>COMMON CLIN</strong></td>
<td>7.1.0 - 7.8.6</td>
</tr>
<tr>
<td>013101</td>
<td>NMD System (PMT, SEIT, T&amp;E, D&amp;S)</td>
<td>7.1.0 - 7.2.11, 7.7.0 - 7.7.6, 7.8.0 - 7.8.6</td>
</tr>
<tr>
<td>013102</td>
<td>WS-Weapon System(KV/Interceptor)</td>
<td>7.3.0 - 7.3.6</td>
</tr>
<tr>
<td>013103</td>
<td>UEWR-Upgraded Early Warning Radar <em>(paras. 7.4.3 - 7.4.6 are Reserved)</em></td>
<td>7.4.0 - 7.4.6 only</td>
</tr>
<tr>
<td>013104</td>
<td>XBR-X-Band Radars <em>(paras. 7.5.0 - 7.5.5 are)</em></td>
<td>7.5.1, 7.5.4</td>
</tr>
</tbody>
</table>
### CLIN DESCRIPTION SOW PARAGRAPHS

*Reserved except 7.5.1 and 7.5.4*)

<table>
<thead>
<tr>
<th>CLIN</th>
<th>DESCRIPTION</th>
<th>SOW PARAGRAPHS</th>
</tr>
</thead>
<tbody>
<tr>
<td>013105</td>
<td>BMC3-Battle Management &amp; C3</td>
<td>7.6.0 - 7.6.9</td>
</tr>
<tr>
<td>0132</td>
<td>Data and reports for CLINs 0131 in accordance with the CDRL, Exhibit G.</td>
<td></td>
</tr>
</tbody>
</table>

#### c. DEPLOYMENT OPTION

<table>
<thead>
<tr>
<th>CLIN</th>
<th>DESCRIPTION</th>
<th>SOW PARAGRAPHS</th>
</tr>
</thead>
<tbody>
<tr>
<td>0201</td>
<td>Option to <strong>Deploy the NMD System</strong> developed under CLIN 0001</td>
<td>8.1.0 - 8.8.6</td>
</tr>
</tbody>
</table>

020101  NMD System (SEIT, T&E, D&S)  
(See Common CLIN 0131 for all PMT tasks & SEIT tasks in CWBS 2.5 & 2.9 during this period)  
8.2.0 - 8.2.4, 8.2.6 - 8.2.8, 8.2.10 - 8.2.11 & 8.7.0 - 8.8.6

<table>
<thead>
<tr>
<th>CLIN</th>
<th>DESCRIPTION</th>
<th>SOW PARAGRAPHS</th>
</tr>
</thead>
<tbody>
<tr>
<td>020102</td>
<td>WS - Weapon System(KV/Interceptor)</td>
<td>8.3.0 - 8.3.6</td>
</tr>
<tr>
<td>020103</td>
<td>UEWR - Upgraded Early Warning Radars</td>
<td>8.4.0 - 8.4.6</td>
</tr>
<tr>
<td>020104</td>
<td>XBR - X-Band Radars</td>
<td>8.5.0 - 8.5.5</td>
</tr>
<tr>
<td>020105</td>
<td>BMC3 - Battle Management and C3</td>
<td>8.6.0 - 8.6.9</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>CLIN</th>
<th>DESCRIPTION</th>
<th>SOW PARAGRAPHS</th>
</tr>
</thead>
<tbody>
<tr>
<td>0202</td>
<td>Data and reports for CLIN 0201 in accordance with the CDRL, Exhibit C.</td>
<td></td>
</tr>
<tr>
<td>0203</td>
<td>Option for <strong>Sustainment</strong> of the NMD System deployed under Item 0201. <em>(There are no SubCLINs planned for this period - There is only one WBS)</em></td>
<td>9.8.0 - 9.8.6 only</td>
</tr>
<tr>
<td>0204</td>
<td>Data and reports for CLIN 0203 in accordance with the CDRL, Exhibit F.</td>
<td></td>
</tr>
</tbody>
</table>
SECTION D - PACKAGING AND MARKING

D-1 REPORTS AND OTHER DELIVERABLES

a. The Contractor shall submit all reports and other deliverables in accordance with the delivery schedule set forth in Section F and the attached Contract Data Requirements Lists.

b. Reports delivered by the contractor in the performance of the contract shall be considered ‘Technical Data,’ as defined in the Defense FAR Supplement (DFARS) 252.227-7013, ‘Rights in Technical Data – Noncommercial Items.’

c. Bulky reports shall be mailed by other than first-class mail unless the urgency of submission requires use of first-class mail. In this situation, one copy shall be mailed first-class and the remaining copies forwarded by less than first-class.

d. The following information shall be provided with all reports. However, if the report incorporates a Ballistic Missile Defense Organization (BMDO) logo or letterhead, this information will be provided on a severable cover sheet and not on the same sheet of paper as the BMDO logo or letterhead.

<table>
<thead>
<tr>
<th>CONTRACT NUMBER</th>
<th>NAME OF CONTRACTOR</th>
</tr>
</thead>
<tbody>
<tr>
<td>CONTRACT EXPIRATION DATE AND TOTAL DOLLAR VALUE</td>
<td>CONTRACTOR’S PROJECT DIRECTOR AND PHONE NUMBER</td>
</tr>
<tr>
<td>SHORT TITLE OF CONTRACT WORK</td>
<td>GOVERNMENT SPONSOR</td>
</tr>
</tbody>
</table>

e. All reports generated under this contract will contain the following disclaimer statement of the cover page:

“The views, opinions, and findings contained in this report are those of the author(s) and should not be construed an official Department of Defense position, policy, or decision, unless so designated by other official documentation.”

f. Except as provided by the Contract Data Requirements Lists, contract Exhibits identified in Section J, and the Contract Security Classification Specification, DD Form 254, Attachment 4, the distribution of any contract report in any stage of development or completion is prohibited without the approval of the Contracting Officer.

D-2 HARDWARE, SOFTWARE, GOVERNMENT PROPERTY, AND END ITEMS

For any hardware, software, Government property, and end items delivered under this contract or shipped to the Government, use best commercial practices in packing the items to ensure they are adequately protected during shipment and handling.
SECTION E - INSPECTION AND ACCEPTANCE

E-1 FAR 52.252-2 CLAUSES INCORPORATED BY REFERENCE (FEB 1998)

This contract incorporates one or more clauses by reference, with the same force and
effect as if they were given in full text. Upon request, the Contracting Officer will make their
full text available. Also, the full text of a clause may be accessed electronically at this
address: http://farsite.hill.af.mil/.

a. FEDERAL ACQUISITION REGULATION (48 CFR CHAPTER 1)

<table>
<thead>
<tr>
<th>CLAUSE NO.</th>
<th>TITLE</th>
<th>DATE</th>
</tr>
</thead>
<tbody>
<tr>
<td>52.246-3</td>
<td>Inspection of Supplies - Cost Reimbursement</td>
<td>APR 1984</td>
</tr>
<tr>
<td></td>
<td>(Applicable to Items 0201-0204)</td>
<td></td>
</tr>
<tr>
<td>52.246-8</td>
<td>Inspection of Research &amp; Development - Cost Reimbursement</td>
<td>APR 1984</td>
</tr>
<tr>
<td></td>
<td>(Applicable to All Other Items)</td>
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b. DEPARTMENT OF DEFENSE FEDERAL ACQUISITION
REGULATION SUPPLEMENT (48 CFR CHAPTER 2)

<table>
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<th>CLAUSE NO.</th>
<th>TITLE</th>
<th>DATE</th>
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<tbody>
<tr>
<td>252-246-7000</td>
<td>Material Inspection and Receiving Report (DD 250s apply</td>
<td>DEC 1991</td>
</tr>
<tr>
<td></td>
<td>at the CLIN level and are not applicable to SubCLINs.)</td>
<td></td>
</tr>
</tbody>
</table>

E-2 INSPECTION AND ACCEPTANCE

a. The Government may inspect components and Elements of the NMD System
developed under this contract at origin, or at destination, or both. Final inspection and
acceptance of the work called for herein shall be accomplished at the CLIN level only and
shall be performed by BMDO, Code JN, or as delegated by the Contracting Officer.

b. Final acceptance of the deployed NMD System (Option, CLIN 0201 and 0203)
shall be at destination. Inspection of the NMD System to be deployed shall be made as work
progresses by representatives of the NMD Joint Program Office.

c. Acceptance of the deployed NMD System shall be at the System level by the NMD
Joint Program Manager. The basis for acceptance of the NMD System shall be the LSI
Contractor’s qualification of the NMD System, i.e., meeting the requirements of sections 3.2
through 3.6, as evidenced by satisfactory completion of Section 4 (e.g., tests, demonstrations,
analysis), of the NMD System Requirements Document. Acceptance shall include
verification of equipment design, verification that applicable quantities are on hand or
installed as appropriate, and supportability is in-place.

d. The Government shall have the right to observe any and all Contractor tests and
demonstrations (e.g., Element level tests) building up to NMD System acceptance.
SECTION F - DELIVERIES OR PERFORMANCE

F-1 FAR 52.252-2 CLAUSES INCORPORATED BY REFERENCE (FEB 1998)

This contract incorporates one or more clauses by reference, with the same force and effect as if they were given in full text. Upon request, the Contracting Officer will make their full text available. Also, the full text of a clause may be accessed electronically at this address: http://farsite.hill.af.mil/.

FEDERAL ACQUISITION REGULATION (48 CFR CHAPTER 1)

<table>
<thead>
<tr>
<th>CLAUSE NO.</th>
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<tr>
<td>52.242-15</td>
<td>Stop-Work Order</td>
<td>AUG 1989</td>
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<td>Alternate I</td>
<td>APR 1984</td>
</tr>
<tr>
<td>52.247-34</td>
<td>F.O.B. Destination</td>
<td>NOV 1991</td>
</tr>
</tbody>
</table>

F-2 DELIVERY SCHEDULE/PERIOD OF PERFORMANCE

Item 0001 - The contractor shall perform the research and development effort and Deployment Readiness Planning as specified in Section C such that the following key milestones [IMP references are shown in brackets] are successfully accomplished:
Item 0002 - The technical and administrative data required hereunder shall be delivered in accordance with Exhibit A, Contract Data Requirements List.

Item 0003 – The period of performance for the issuance of Task Instructions for NMD Special Studies and Analyses shall be from 99 AUG 19 through 01 SEP 30. The specific period of performance for each Task Instruction shall be identified in accordance with Special Contract Requirement H-38, Task Instructions. Task Instructions issued near the end of this period may extend beyond the end of this performance period as mutually agreed to and set forth in the Task Instruction.

Item 0004 – The technical and administrative data required hereunder shall be delivered in accordance with Exhibit H, Contract Data Requirements List, and individual task instructions issued per Special Contract Requirement H-38.
Option Items 0101, 0111, and 0121 and SubCLINs 010101 etc. - The contractor shall perform the continued research and development effort as specified in Section C such that the following key milestones are successfully accomplished:
Option Items 0102, 0112, and 0122 - The contractor shall perform deployment readiness planning as specified in Section C and in accordance with the Integrated Master Schedule such that the following key milestones are successfully accomplished:
** These milestones are part of Level-of-Effort Tasks and therefore are not reflected in the IMP.

Option Items 0103, 0113, and 0123 - The technical and administrative data required hereunder shall be delivered in accordance with Exhibits B (Item 0103), D (Item 0113), and E (Item 0123), Contract Data Requirements Lists.

Option Item 0131 - The contractor shall perform effort common to both the Continuing Development Option(s) and the Deployment Option as specified in Section C and in accordance with the Integrated Master Schedule such that the following key milestones are successfully accomplished:
**Option Item 0132** - The technical and administrative data required hereunder shall be delivered in accordance with **Exhibit G**, Contract Data Requirements Lists.

**Option Item 0201** -

*** CLIN 0201 MAC shall be computed from the date the option is exercised.

**Option Items 020101 etc.** -
Option Item 0202 - The technical and administrative data required hereunder shall be delivered in accordance with Exhibit C, Contract Data Requirements List.

Option Item 0203 - ***** MAC shall be computed from the date CLIN 0203 is exercised.

Option Item 0204 - The technical and administrative data required hereunder shall be delivered in accordance with Exhibit F, Contract Data Requirements List, DD Form 1423.
SECTION G - CONTRACT ADMINISTRATION DATA

G-1 CONTRACT ADMINISTRATION

Administration of this contract will be performed by the cognizant office indicated on the cover page of the award document. No changes, deviations, or waivers shall be effective without a modification of the contract executed by the Contracting Officer, or the designated Administrative Contracting Officer (ACO), authorizing such changes, deviations, or waivers.

G-2 IDENTIFICATION OF CORRESPONDENCE

All correspondence and data submitted by the Contractor under this contract shall reference the contract number.

G-3 TAXPAYER IDENTIFICATION NUMBER (TIN)

The Contractor's TIN is 95-1054708. This number shall appear in the space identifying the Contractor in the appropriate blocks of contract forms and billing submittals.

G-4 PATENT INFORMATION

Patent information in accordance with FAR 52.227-12, "Patent Rights -- Retention by the Contractor (Long Form)," shall be forwarded through the Procuring Contracting Officer to:

Office of the Secretary of Defense
Ballistic Missile Defense Organization
7100 Defense Pentagon, BMDO/DGC
Washington, D.C. 20301-7100

G-5 SUBMISSION OF VOUCHERS

a. The Contractor shall prepare vouchers segregating costs by Contract Line Item Number (CLIN). The Contractor’s vouchers for costs incurred shall be submitted in quadruplicate to the payment office. One copy of each voucher shall be provided electronically to the cognizant ACO for review and to the Procurement Contracting Officer (PCO) and BMDO/JNC for reference.

b. The contractor shall invoice the award fee separately in accordance with provision H-23, “Award Fee”, of this contract.

G-6 REMITTANCE ADDRESS

Payment of invoices furnished by the Contractor shall be sent to the following address:

Boeing North American, Inc.
NMD Lead System Integrator
File Number 53032
Los Angeles, CA 90074-3032
The following information is provided pursuant to FAR 52.232-33, Mandatory Information for Electronic Funds Transfer Payment, Section I:

Chase Manhattan Bank N.A.
New York, NY
ABA/TR#: 0210-0002-1
For Credit To Boeing North American, Inc. - Master
REFERENCE: HQ0006-98-C-0003

G -7 PAYMENT INSTRUCTIONS FOR MULTIPLE ACCOUNTING CLASSIFICATION CITATIONS

CLINs may be funded by multiple accounting classifications. The Contractor shall segregate costs and submit vouchers as required by provisions G-5, and H-23. The Defense Finance and Accounting Service (DFAS) will make payments from those Accounting Classification Reporting Numbers (ACRNs) assigned to each CLIN. Payments by the paying office of both cost and fee are to be made by CLIN, from the earliest available funds by fiscal year as identified by ACRN.

The following ACRNs and funding amounts apply to CLIN 0001:

- All funds obligated on ACRN AA: $206,913,000
- The following funds obligated on ACRN AB: $441,906,984
- All funds obligated on ACRN AC: $565,400,000
- The following funds obligated on ACRN AD: $264,505,884
- All funds obligated on ACRN AE: $174,600,000
- All funds obligated on ACRN AF: $112,851,107
- All funds obligated on ACRN AG: $420,700,000
- **Total CLIN 0001 funding:** $2,186,876,975

The following ACRNs and funding amounts apply to CLIN 0003:

- The following funds obligated on ACRN AB: $1,518,000
- The following funds obligated on ACRN AD: $173,914
- **Total CLIN 0003 funding:** $1,691,914

It is intended that ACRN: AA (FY98 funding) will be used to pay the first award fee period award amount of $18,862,315.00 for CLIN 0001.

G-8 ALLOTMENT OF FUNDS

Pursuant to FAR 52.232-22, “Limitation of Funds”, the total amount of funds presently available for payment and allotted to this contract (which covers all items, including fee payable), through the estimated funds exhaustion date is as follows:
CLIN 0001 and 0003 $2,188,568,889
Estimated funds exhaustion date December 31, 2000

G-9 ACCOUNTING AND APPROPRIATION DATA

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<tr>
<th>ACRN:</th>
<th>ACCT CLASS:</th>
<th>TOTAL ACRN:</th>
</tr>
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<tbody>
<tr>
<td>AA</td>
<td>9780400.2520 0801 P8871 2525 012123 DGAC85012</td>
<td>$206,913,000 (NO CHANGE)</td>
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<tr>
<td>AB</td>
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<td>$443,424,984</td>
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<tr>
<td>AC</td>
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<td>AD</td>
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<td>AE</td>
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<td>$174,600,000 (NO CHANGE)</td>
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<td>AF</td>
<td>9700400.2520 0603871C 2525 012123 BMDO0101931095</td>
<td>$112,851,107 (NO CHANGE)</td>
</tr>
<tr>
<td>AG</td>
<td>9710400.2520 40603871C 2525 012123 BMDO0106842289</td>
<td>$420,700,000 (NO CHANGE)</td>
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## SECTION H - SPECIAL CONTRACT REQUIREMENTS

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H-1
H-1 NATIONAL MISSILE DEFENSE (NMD) REQUIREMENTS

H-2 OPTIONS
H-3  RESPONSIBILITY FOR NATIONAL MISSILE DEFENSE (NMD) SYSTEM
H-4  PUBLIC RELEASE OF INFORMATION

    a. The policies and procedures outlined herein apply to information submitted by the Contractor and his subcontractors for approval for public release. Prior to public release, all information shall be cleared as shown in the "National Industrial Security Program Operating Manual" (DoD 5220.22-M).

    b. All public information materials prepared by the Contractor shall be submitted to the BMDO (see paragraph e. below) for clearance prior to release. These materials include, but are not limited to, technical papers, and responses to news queries which relate to a Contractor's work under this contract.

Continued on next page.
c. However, once information has been cleared for public release, it does not have to be
cleared again for later use. The information shall be used in its originally cleared context.

d. The BMDO Director for External Affairs is responsible for processing Contractor-originated
material for public release.

e. All material to be cleared shall be sent to:

Office of the Secretary of Defense
Ballistic Missile Defense Organization
7100 Defense Pentagon, BMDO/SRE
Washington, DC 20301-7100

Subcontractor proposed public releases shall be submitted for approval through the prime
Contractor.

f. The Contractor shall submit the material proposed for public release to the above
addressed by a letter of transmittal which states: (1) to whom the material is to be released; (2) the
desired date for public release; (3) that the material has been reviewed and approved by officials of
the Contractor, or the subcontractor, for public release; and (4) the contract number and the
applicable COR(s).

g. Two (2) copies of each item, including written material, photographs, drawings,
"dummy layouts" and the like shall be submitted at least six (6) weeks in advance of the proposed
release date.

h. The items submitted must be complete. Photographs shall have captions.

i. Abbreviated materials or abstracts may be submitted if the intent is to determine the
feasibility of going further in preparing a complete paper for clearance. However, final approval for
release or disclosure of the material cannot be given on the basis of abstracts.

j. Outlines or rough drafts will not be cleared.

k. Materials submitted to BMDO for release purposes shall be void of all Contractor
logos or other attributions to the Contractor.

**H-5 ORGANIZATIONAL CONFLICT OF INTEREST (OCI)**

a. **Purpose**: The primary purpose of this clause is to aid in ensuring that:

(1) the Contractor's scientific objectivity and judgment are not biased because of its present,
or currently planned interests (financial, contractual, organizational, or otherwise) which relate to
work under this contract;
(2) the Contractor does not obtain an unfair competitive advantage by virtue of its access to non-public Government information regarding the Government's program plans and actual or anticipated resources; and

(3) the Contractor does not obtain any unfair competitive advantage by virtue of its access to proprietary information belonging to others;

b. Scope: The restrictions described herein shall apply to performance or participation by the Contractor and any of its affiliates or their successors in interest (hereinafter collectively referred to as "Contractor") in the activities covered by this clause as prime Contractor, subcontractor, co-sponsor, joint venturer, consultant, or in any similar capacity. The term "proprietary information" for purposes of this clause is any information considered so valuable by its owners that it is held secret by them and their licensees. Information furnished voluntarily by the owner without limitations on its use, or which is available without restrictions from other sources, is not considered proprietary.

(1) System Engineering and Integration (SE&I): TRW (current SE&I contractor) has agreed that the TRW employees who are working in the program office located in Rosslyn, Virginia, responsible for NMD Systems Engineering on or after the date of the issuance of the final CD phase RFP will be isolated and ineligible to participate in the CD phase or LSI Execution proposal. While element contractors will provide limited technical support to the LSI Contractor, element contractors will not be restricted in establishing teaming arrangements for the LSI Execution phase. In addition, both TRW and Raytheon have agreed to negotiate, in good faith, subcontractor relationships with the selected LSI phase contractor to provide the BMC3 and GBR elements of the LSI phase contract, no matter who is selected.

(2) Certification Restriction: The Contractor shall be restricted from performing validation, verification, accreditation, or certification of any products developed or delivered under this contract. Additionally, the Contractor shall not serve as a software independent validation and verification (IV&V) contractor for any software developed or delivered under this contract.

(3) Access To and Use of Government Information: If the Contractor, in the performance of this contract, obtains access to information such as plans, policies, reports, studies, financial plans, or data which has not been released or otherwise made available to the public, the Contractor agrees that without prior written approval of the Contracting Officer, it shall not: (a) use such information for any private purpose unless the information has been released or otherwise made available to the public, (b) compete for work, other than the LSI contract, based on such information after the completion of this contract, or until such information is released or otherwise made available to the public, whichever occurs first, (c) submit an unsolicited proposal to the Government which is based on such information after such information is released or otherwise made available to the public, or (d) release such information unless such information has previously been released or otherwise made available to the public by the Government.
(4) **Access To and Protection of Proprietary Information**: The Contractor agrees that, to the extent it receives or is given access to proprietary data, trade secrets, or other confidential or privileged technical, business, or financial information (hereinafter referred to as "proprietary data") under this contract, it shall treat such information in accordance with any restrictions imposed on such information. The Contractor further agrees to enter into a written agreement for the protection of the proprietary data of others and to exercise diligent effort to protect such proprietary data from unauthorized use or disclosure. In addition, the Contractor shall obtain from each employee who has access to proprietary data under this contract, a written agreement which shall in substance provide that such employee shall not, during his/her employment by the Contractor or thereafter, disclose to others or use for their benefit, proprietary data received in connection with the work under this contract. The Contractor will educate its employees regarding the philosophy of Part 9.505-4 of the Federal Acquisition Regulation so that they will not use or disclose proprietary information or data generated or acquired in the performance of this contract except as provided herein.

c. **Subcontracts**: The Contractor shall include this or substantially the same clause, including this paragraph, in consulting agreements and subcontracts of all tiers. The terms "Contract", "Contractor", and "Contracting Officer", will be appropriately modified to preserve the Government's rights.

d. **Disclosures**: If the Contractor discovers an organizational conflict of interest or potential conflict of interest after award, a prompt and full disclosure shall be made in writing to the Contracting Officer. This disclosure shall be made on the OCI Analysis/Disclosure Form provided at Attachment 10 to the contract, and shall include a description of the action the Contractor has taken or proposes to take in order to avoid or mitigate such conflicts.

e. **Remedies and Waiver**:

   (1) For breach of any of the above restrictions or for non-disclosure or misrepresentation of any relevant facts required to be disclosed concerning this contract, the Government may terminate this contract for default, disqualify the Contractor for subsequent related contractual efforts, and pursue such other remedies as may be permitted by law or this contract. If, however, in compliance with this clause, the Contractor discovers and promptly reports an organizational conflict of interest (or the potential thereof) subsequent to contract award, the Contracting Officer may terminate this Contract for convenience if such termination is deemed to be in the best interest of the Government.

   (2) The parties recognize that this clause has potential effects which will survive the performance of this contract and that it is impossible to foresee each circumstance to which it might be applied in the future. Accordingly, the Contractor may at any time seek a waiver from the Director, BMDO, (via the Contracting Officer) by submitting a full written description of the requested waiver and the reasons in support thereof.
f. **Modifications**: Prior to contract modification, when the SOW is changed to add new work or the period of performance is significantly increased, the Contracting Officer may require the Contractor to submit either an organizational conflict of interest disclosure or an update of the previously submitted disclosure or representation.

**H-6 ENABLING CLAUSE FOR NMD INTERFACE SUPPORT**

a. It is anticipated that, during the performance of this contract, the Contractor may be required to support meetings with other BMD Contractors and other Government agencies. Appropriate organizational conflict of interest agreements will be negotiated, by the Contractor, as needed to protect the rights of the Contractor and the Government.

b. The Contractor further agrees to include a clause in each subcontract requiring compliance with the provisions of paragraph a. above, subject to coordination with the prime Contractor. This agreement does not relieve the Contractor of its responsibility to manage its subcontracts effectively, nor is it intended to establish privity of contract between the Government and such subcontractors.

c. Personnel from BMD Contractors or other Government agencies or Contractors are not authorized to direct the Contractor in any manner.

d. This clause shall not prejudice the Contractor or its subcontractors from negotiating separate organizational conflict of interest agreements with BMD Contractors; however, these agreements shall not restrict any of the Government’s rights established pursuant to this clause.

**H-7 ASSOCIATE CONTRACTOR RELATIONSHIPS**

In performance of its responsibilities for the NMD program as described elsewhere in this contract, the "contractor" shall enter into agreements with any NMD Element prime contractors and other contractors deemed appropriate to perform this contract to facilitate timely exchanges of information necessary to the performance of this contract. The agreements shall hold the Government harmless from liability for the unauthorized disclosure by the contractor of associate contractor proprietary information.

**H-8 PROGRAM MANAGEMENT REVIEWS (PMRs)**

a. The Contractor shall plan and conduct a bi-monthly Program Management Review (PMR) at its place of performance, and shall attend a Joint Management Meeting (JMM) at the Government’s facility during alternate months. The contractor and the Government shall jointly agree on meeting locations and personnel to attend.

b. The Contractor shall plan for and conduct Annual LSI Program Reviews. These reviews will assess upcoming major milestones, program risks, risk mitigation planning, resource requirements, and significant Government and LSI decisions. These reviews are intended to provide the Government the opportunity to identify required NMD program direction, and, where applicable, to develop this direction jointly with the Contractor. These reviews are not intended to replace other ongoing technical reviews, but will be in lieu of one of the PMRs.
H-9 BMDO VISIT AUTHORIZATION PROCEDURES

a. The Contractor shall submit all required visit clearances in accordance with Defense Investigative Service Contractor Office regulations and will forward all visit requests, identifying the contract number, to:

Office of the Secretary of Defense
Ballistic Missile Defense Organization
7100 Defense Pentagon, BMDO/ACC
Washington, DC 20301-7100
Phone No.:(703)695-8048 FAX No.:(703)693-1526

b. The Contracting Officer's Representative is authorized to approve visit requests for the Contracting Officer.

H-10 ABM TREATY COMPLIANCE
H-11 CHANGES OF ADDRESS OR QUANTITIES FOR DATA SUBMISSIONS

From time to time the Government may make changes in office symbols, add or delete addressees, or change quantities of data items in the Contract Data Requirements List (CDRL). It is expressly agreed by the Government and the Contractor that all addressee changes shall be accomplished by administrative notice issued by the Contracting Officer at no change in the contract price. It is further agreed that all additions or deletions shall be accomplished by administrative notice issued by the Contracting Officer at no change in the contract price, provided that any increase(s) or decrease(s) in individual data items does not exceed the greater of fifty percent (50%) of the total quantity then called for in that data item or a quantity of two (2).

H-12 DELIVERY REQUIREMENTS FOR GOVERNMENT PROPERTY

Under the clause at FAR 52.245-5, "Government Property (Cost-Reimbursement, Time-and-Material, or Labor-Hour Contracts)," the Government may elect to have the developmental NMD System hardware/software (CLINs 0001 and, to the extent that options are exercised, 0101, 0111, and 0121) delivered F.O.B. origin in whole or in part. To ensure that the identification and current configuration of the developmental NMD System are readily known, the Contractor shall, pursuant to subparagraph (i) ["eye"] of clause 52.245-5, submit a listing of such property to the Contracting Officer, BMDO/DCTD, three (3) months prior to the expiration of this contract, including such period as may be extended by the exercise of the Continued Development and/or Deployment options. The list shall identify, as a minimum, specific hardware and software components comprising any and all parts of the developmental NMD System, and the extent to which multiple quantities of any demonstrator or component are configured alike or differently. Any differences in configuration shall be explained. Any updates to the list during the last three month period of the contract shall be submitted promptly at the conclusion of the contract.

H-13 KEY PERSONNEL

The Contractor shall notify the Contracting Officer prior to making any changes in key personnel. Key personnel are defined as follows:

a. As a minimum: The Program Manager for this effort, Deputy(ies) to the Program Manager, Leaders of Integrated Product Teams (IPTs), team or group leaders or directors at the same level as IPT Leaders, and—if not already covered as IPT Leaders—managers responsible for NMD Elements or work at level 2 of the Work Breakdown Structure (WBS).

b. Personnel identified in the proposal as key individuals to be assigned for participation in the performance of the contract.

c. Individuals designated as key personnel by agreement of the Government and the Contractor during negotiations.
Key personnel shall not be replaced unless the Contractor has demonstrated to the satisfaction of the Contracting Officer that the qualifications of the proposed substitute personnel are equal to or better than the qualifications of the personnel being replaced.

**H-14 IDENTIFICATION OF TECHNICAL DATA TO BE DELIVERED WITH LESS THAN UNLIMITED RIGHTS**

a. Except for technical data listed in Attachment 6, all technical data required to be delivered under this contract will be provided to the Government with unlimited rights.

b. The Government and the Contractor agree that the technical data, as listed in Attachment 6, will be delivered with less than unlimited rights per the clause of this contract entitled "Rights in Technical Data—Noncommercial Items" (DFARS 252.227-7013).

**H-15 IDENTIFICATION OF COMPUTER SOFTWARE AND COMPUTER SOFTWARE DOCUMENTATION TO BE DELIVERED WITH LESS THAN UNLIMITED RIGHTS**

a. Except for computer software and computer software documentation listed in Attachment 7, all computer software and computer software documentation required to be delivered under this contract will be provided to the Government with unlimited rights.

b. The Government and the Contractor agree that the computer software and computer software documentation, as listed in Attachment 7, will be delivered with less than unlimited rights per the clause of this contract entitled "Rights in Computer Noncommercial Computer Software and Noncommercial Software Documentation" (DFARS 252.227-7014).

**H-16 GOVERNMENT TEST FACILITIES (USAKA/KMR)**
H-17  SCHEDULED CLOSURES OF TEST RANGE

The Contractor understands that closures of the United States Army Kwajalein Atoll (USAKA) test range (pursuant to Government-to-Government agreements) occur on a scheduled basis. These closures shall not be a basis for any claim for adjustment in the contract price or other terms or conditions of this contract.

H-18  ADVANCE CHANGE ADJUSTMENT AGREEMENT

a. Purpose. This special contract requirement establishes a procedure by which the parties agree to change this contract according to the clause entitled “Changes—Cost Reimbursement” without an equitable adjustment to the contract price as specified in this subparagraph. The parties agree that each change not exceeding $250,000, which also does not affect the contract delivery or performance schedules or any other contract provision, shall be a change having no effect on the contract price. There will be no fee adjustment for each change not exceeding $250,000 which does not affect contract delivery or performance, or any contract provision.

b. Procedure. When it is proposed to make a change under the Changes—Cost Reimbursement clause and both parties agree that such a change will require no equitable adjustment as contemplated by subparagraph a of this clause, the contractor shall submit an abbreviated proposal or offer to accomplish the proposed change without an equitable adjustment. If the contracting officer concurs that no adjustment is necessary, the contractor's proposal may be accepted by issuing an executed copy of an Standard Form 30.

The modification shall:

(1) be issued under the Changes—Cost Reimbursement clause;
(2) cite this special contract requirement;
(3) reference the contractor's proposal or offer; and
(4) direct the changes to be made.

The issuance of the modification shall constitute acceptance of the contractor's proposal or offer, shall be binding on both parties, and shall be a full, complete and final settlement for the directed changes.

c. Limitation. The parties agree that this advance Change Agreement shall not be used more than three (3) times per year for each year that this contract is in effect.

H-19  COMPLIANCE WITH NATIONAL ENVIRONMENTAL POLICY ACT (NEPA), POLLUTION PREVENTION ACT (PPA), AND ENVIRONMENTAL SAFETY & HEALTH (ESH) PROGRAM PROTECTION

a. The Contractor shall assist the JPO by ensuring development and deployment of the NMD System complies with NEPA (42 U.S.C. 4321-4370d), implementing regulations (40 C.F.R 1500-1508), and executive orders, (such as E.O. 12114, Environmental Effects Abroad of Major Federal Actions, and E.O. 11514, Protection and Enhancement of Environmental Quality).
b. The Contractor shall assist the JPO by ensuring development and deployment of the NMD System complies with the PPA (42 U.S.C. 13106), Section 312 (Emergency Planning and Response) and Section 313 (Toxic Release Inventory) of the Emergency Planning and Community Right to Know Act of 1986, implementing regulations (40 C.F.R. 355 and 372.65), Executive Order 12856, and National Aerospace Standard (NAS) 411, Hazardous Materials Management Program requirements.

c. The Contractor shall provide input to the ESH evaluation as directed by the Program Manager to assist the Government with complying with DoD 5000.2-R, Mandatory Procedures for Major Defense Acquisition Programs (MDAPs) and Major Automated Information System (MAIS) acquisition programs.

d. The Contractor shall support and assist the government’s compliance with NEPA, PPA, and ESH Program Protection by: participating in Integrated Product Teams (IPTs); addressing environmental assessments and impacts; providing information, system related documents, and technical assistance to the government’s environmental personnel and its associated contractors; reviewing draft documents; and, by providing written comments as requested by the government.

H-20 GOVERNMENT REVIEW OF CRITICAL PROCESSES

The Government reserves the right to conduct reviews of the Contractor’s readiness or critical processes at significant times during the period of performance (e.g., readiness to conduct flight test, Production Readiness Review, Software Capability Evaluation). Any such review will be conducted by a focused Government team (which may include support contractor personnel) at a time and place mutually agreed to by the Government and the Contractor. Such reviews will typically take place at the place of performance and be accomplished within approximately one workweek.

H-21 INSURANCE

The Contractor shall maintain the types of insurance and coverage listed below:

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<thead>
<tr>
<th>TYPES OF INSURANCE</th>
<th>MINIMUM AMOUNT</th>
</tr>
</thead>
<tbody>
<tr>
<td>Workmen's Compensation and all occupational disease</td>
<td>As required by State law</td>
</tr>
<tr>
<td>Employer's Liability including all occupational disease</td>
<td>$100,000 per accident</td>
</tr>
<tr>
<td>when not covered by Workmen's Compensation above</td>
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</tr>
<tr>
<td>General Liability (Comprehensive) Bodily Injury per occurrence</td>
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<td>Automobile Liability (Comprehensive)</td>
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<tr>
<td>Bodily Injury per person</td>
<td>$200,000</td>
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<tr>
<td>Bodily Injury per accident</td>
<td>$500,000</td>
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<tr>
<td>Property Damage per accident</td>
<td>$20,000</td>
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</table>
H-22  DEFINITIZATION OF ESTIMATED COSTS AND ASSOCIATED AWARD FEE FOR OPTION CLINs

The parties agree that the following clause shall be included in any contract modifications which exercise an option prior to definitization of estimated costs and associated award fee:

CONTRACT DEFINITIZATION OF ESTIMATED COST AND ASSOCIATED AWARD FEE

(a) An additional definitive cost-plus-award-fee CLIN is contemplated. The Contractor agrees to begin promptly negotiating with the Contracting Officer the terms of a definitive modification that will include (1) all clauses required by the Federal Acquisition Regulation (FAR) on the date of execution of the definitive contract modification, (2) all clauses required by law on the date of execution of the definitive contract modification, and (3) any other mutually agreeable clauses, terms, and conditions. The Contractor agrees to submit a cost-plus-award-fee proposal and cost or pricing data supporting its proposal.

(b) The schedule for definitizing this modification is:

<table>
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<tr>
<th>EVENT</th>
<th>DATE</th>
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<tr>
<td>Submission of Proposal</td>
<td>(60 days after receipt of option exercise)</td>
</tr>
<tr>
<td>Commencement of</td>
<td>(90 days after proposal)</td>
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<tr>
<td>Negotiations</td>
<td>(180 days after receipt of option exercise)</td>
</tr>
<tr>
<td>Definitization</td>
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</tr>
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</table>

(c) If agreement on a definitive modification to supersede the undefinitized option contract is not reached by the target date in paragraph (b) above, or within any extension of it granted by the Contracting Officer, the Contracting Officer may, with the approval of the head of the contracting activity, determine a reasonable cost or fee for this option in accordance with Subpart 15.8 and Part 31 of the FAR, subject to Contractor appeal as provided in the Disputes clause. In any event, the Contractor shall proceed with completion of the option, subject only to the Limitation of Funds clause.

(1) After the Contracting Officer's determination of estimated costs or fee, the option shall be governed by--

(i) All clauses required by the FAR on the date of execution of this undefinitized option for either fixed-price or cost-reimbursement contracts, as determined by the Contracting Officer under this paragraph (c);

(ii) All clauses required by law as of the date of the Contracting Officer's determination; and

(iii) Any other clauses, terms, and conditions mutually agreed upon.
(2) To the extent consistent with subparagraph (c)(1) above, all clauses, terms, and conditions included in this undefinitized option shall continue in effect, except those that by their nature apply only to the undefinitized option.

(d) The definitive modification shall adjust the amount in the award fee pool identified in the undefinitized option. Normally, this adjustment shall only be a downward adjustment to the extent that total estimated costs are lower. However, in the event that the general scope of the contract is increased as determined by the Contracting Officer, the amount in the award fee pool may be adjusted upward beyond the maximum specified in the undefinitized option (at the same rate specified in the Basic Contract). Any disagreement with respect to whether the award fee pool should be increased shall be handled per the “Disputes” clause of this contract.

H-23 AWARD FEE

a. This contract provides for a maximum award fee pool for CLINs 0001, etc. The maximum award fee pool amount for the base contract and each option will be divided into fee pools for evaluation and payment of the award fee over consecutive evaluation periods as described below. Evaluation periods may vary in length from five to twelve months and shall be based, to the extent possible, on Contractor selected Technical Performance milestones. The Award Fee amounts listed below for Option CLINs apply only if the corresponding Option CLIN is exercised. The evaluation periods, fee pools, and fee earned are as follows:

<table>
<thead>
<tr>
<th>CLIN</th>
<th>PERIOD #</th>
<th>END DATE</th>
<th>FEE POOL</th>
<th>FEE EARNED FOR PERIOD</th>
<th>CUMULATIVE FEE EARNED</th>
<th>AVAILABLE FEE CARRIED FORWARD</th>
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<td>$5,239,835 To 5th Period</td>
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<td></td>
<td></td>
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CLIN 0101, 0102 and 0103 - CON’T DEVELOPMENT OPTIONS

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| TBD | TBD | $ 3,789,661 | TBD | TBD | TBD |
| TBD | TBD | $ 3,726,796 | TBD | TBD | TBD |
| TBD | TBD | $ 75,820 | TBD | TBD | TBD |
| TBD | TBD | $ 76,690 | TBD | TBD | TBD |

CLIN 0111, 0112 and 0113 - CON’T DEVELOPMENT OPTION

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| TBD | TBD | $ 5,272,949 | TBD | TBD | TBD |
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| TBD | TBD | $ 5,595,778 | TBD | TBD | TBD |</p>
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**CLIN 0121, 0122 and 0123 - CONT DEVELOPMENT OPTION**

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**CLIN 0131, and 0132 - COMMON OPTION**

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**CLIN 0201, and 0202 – DEPLOYMENT OPTION**

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<th>TBD</th>
<th>TBD</th>
<th>TBD</th>
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</table>

| TBD | TBD | $19,187,802 | TBD | TBD | TBD |
b. At the Fee Determining Official’s discretion, 50% of available but unearned award fee in any evaluation period may be carried forward to the next period but not to any subsequent periods.

c. The award fee will be determined in accordance with the Award Fee Determination Plan (Attachment 11). The Contractor's performance will be periodically monitored by an Award Fee Review Board (AFRB) consisting of a Chairperson and other designated members. The award fee evaluations will occur as described in Section 7.1 of the Award Fee Determination Plan (Attachment 11). The AFRB will review and assess the Contractor's performance against the defined evaluation criteria. The Contractor will be requested to provide the AFRB with a self-assessment briefing on its performance and provide written documentation describing its performance for the period being evaluated. Upon conclusion of the evaluation and the Fee Determining Official's (FDO) decision, the Contractor will be notified by the FDO of the results of the performance evaluation, and will be provided guidance for the subsequent performance period, if deemed required by the Government.

d. The Contractor may submit vouchers for the award fee immediately upon receipt of the contract modification recording the award fee earned at subparagraph a. of this section.

e. The Government may make unilateral changes to the Award Fee Determination Plan (Attachment 11) if the contractor is provided written notification by the Contracting Officer before the start of the upcoming evaluation period. Changes affecting the current evaluation period must be by bilateral agreement.
f. In accordance with Federal Acquisition Regulation (FAR) subsection 16.404-2, the determination of the performance award fee for an evaluation period shall be made unilaterally by the Government and is not subject to the Disputes clause.

H-24 DUAL BOOSTER DEVELOPMENT PATHS

H-25 CHANGES TO THE INTEGRATED MASTER PLAN

The Statement of Work (SOW, Section J, Attachment 1 to this contract) identifies the overall tasks the Contractor will perform to meet NMD requirements set forth in the NMD System Requirements Documents (see H-1, above). The Contractor’s Integrated Master Plan (IMP, Section J, Attachment 2) identifies the manner in which the Contractor plans to perform SOW tasks. During the performance of the contract, it is envisioned that there may be changes to the IMP as the Contractor executes the NMD LSI Program. The Contractor shall control the configuration of the IMP and may make IMP changes PROVIDED that the IMP changes: (1) Do not change NMD performance requirements as stated in the NMD System Requirements Documents; (2) Do not change the completion criteria for milestone events set forth in Section F-2; (3) Do not change the basic tasks in the SOW; (4) Do not change the contract delivery schedule; and (5) Are documented in an IMP Change Notice (data item A007) before the change is implemented. The Government will review IMP changes submitted under data item A007. The Contractor may assume that IMP change notices submitted under A007 are approved unless notified to the contrary in writing by the PCO within 30 calendar days after receipt of the IMP change notice (A007).

H-26 GOVERNMENT TEST FACILITIES (OTHER THAN KMR)

The Contractor has requested the use of Government Test Facilities listed in Attachment 12 in the development of the NMD System. To the extent that such test facilities are part of the DoD Major Range and Test Facility Base (MRTFB), the Contractor shall submit and update Universal Documentation System (UDS) documents (e.g., Program Introduction, Program Requirement Document, Operational Requirement Document) to BMDO/JNT (information copy to BMDO/JNC) in sufficient time to schedule the use of the test facility. For non-MRTFB test facilities, the Contractor shall submit comparable information to BMDO/JNT (copy to BMDO/JNC) in sufficient time to schedule the use of the test facility. For both MRTFB and non-MRTFB test facilities, the Government will be responsible for funding the use of the test facilities.

H-27 GOVERNMENT PROPERTY
H-28 RESPONSIBILITY FOR REPLACEMENT OF GOVERNMENT PROPERTY

a. When commercial items (e.g., desk top computers and components) provided to the Contractor under this contract (or transferred from previous contracts) wear out or become obsolete, the Government will not replace them. To the extent that such property is still required for the performance of this contract, the Contractor shall be responsible for the replacement of these items. The costs of replacement shall be allowable under this contract to the extent consistent with the Contractor’s disclosed accounting practices and no modification to the contract shall be issued. This requirement to replace commercial items of Government property does not apply to Military Property (e.g., Minuteman), Special Tooling (ST), or Special Test Equipment (STE)—except that commercial components of STE (computers, general purpose oscilloscopes, etc.) shall be the responsibility of the Contractor to replace.

b. This special contract requirement shall not be applicable to any Integrated Systems Test Capability (ISTC) items set forth in Attachment 8(d)-GFP/GFE List.

H-29 BASE SUPPORT

a. Base support shall be provided to the Contractor on a no-charge-for-use basis as determined by the procedures set forth below. Base support includes Government-controlled working space, material, equipment, or other support (excluding use of the Defense Switched Network (DSN)) which the Government determines can be made available at, or through, Government installations where the Contractor performs work under this contract.

b. The Contractor has requested base support at the Government installations indicated in Attachment 9. The type, kind, and duration of base support requested is identified in Attachment 9. The Ballistic Missile Defense Organization Joint Program Office (BMDO JPO) shall work with the Contractor to document requested base support in the form and manner required by the affected Government installations (e.g., DD Form 1144, Support Agreement) to ensure that agreement is reached on providing base support. The target date for completion of all efforts and agreement upon the specific base support to be provided during the basic contract period is ninety (90) days after contract award. Base support for the Deployment Option and any additional base support required for the Continued Development Option shall be addressed six (6) months prior to the earliest Contractor need date for these options.

c. The Contractor expressly recognizes that the Government is not contractually required to provide base support except to the extent approved under the above procedures. The parties recognize that the base support customarily provided to Government contractors at the installations identified in Attachment 9 may vary depending on the current capabilities of the Government
installation. Deviations from the list of requested base support shall not be grounds for modifying this contract. However, in the event that all requested base support at a particular Government installation is denied or a significant item is denied that is critical to performance relating to a site, the Contractor shall be entitled to submit a request for equitable adjustment under this contract. Any such equitable adjustment shall be processed under the Changes clause of this contract.
H-30 TRAVEL AND TRAVEL COSTS

a. Costs incurred by Contractor personnel on official business are allowable, subject to the limitations contained in this clause. Costs for transportation may be based on mileage rates, actual costs incurred, or on a combination thereof, provided the method used results in a reasonable charge. Costs for lodging, meals, and incidental expenses may be based on per diem, actual expenses, or a combination thereof, provided the method used results in a reasonable charge.

b. Except as provided in FAR 31.205-46(a)(3), costs incurred for lodging, meals, and incidental expenses (as defined in the regulations cited) shall be considered reasonable and allowable to the extent that they do not exceed on a daily basis the maximum per diem rates in effect at the time of travel as set forth in:

   (1) Federal Travel Regulations, prescribed by the General Services Administration, for travel in the conterminous 48 United States;

   (2) Joint Travel Regulations, Volume 2, DoD Civilian Personnel, Appendix A, prescribed by the Department of Defense, for travel in Alaska, Hawaii, The Commonwealth of Puerto Rico, and territories and possessions of the United States; or,

   (3) Standardized Regulations (Government Civilians, Foreign Areas), Section 925, “Maximum Travel Per Diem Allowances for Foreign Areas,” prescribed by the Department of State, for travel in areas not covered in (1) and (2) above.

c. This clause does not incorporate the regulations cited paragraphs (b)(1), (2), and (3) in their entirety. Only the maximum per diem rates, the definitions of lodging, meals, and incidental expenses, and the regulatory coverage dealing with special and unusual situations are incorporated herein.

d. The maximum per diem rates referenced in paragraph (b) of this clause generally would not constitute a reasonable daily charge:

   (1) When no lodging costs are incurred; and/or

   (2) On partial travel days (e.g., day of departure and return). Appropriate downward adjustments from the maximum per diem rates would normally be required under these circumstances. While these adjustments need not be calculated in accordance with the Federal Travel Regulations or Joint Travel Regulations, they must result in a reasonable charge.

e. Costs shall be allowable only if the following information is documented:

   (1) Date and place (city, town, or other similar designation) of the expense;

   (2) Purpose of the trip; and

   (3) Name of the person on the trip and that person’s title or relationship to the Contractor.
f. Travel costs incurred in the normal course of overall administration of the business are allowable and shall be treated as indirect costs.

g. Travel costs directly attributable to specific contract performance are allowable and may be charged to the contract under FAR 31.202

h. Airfare and rail fare costs in excess of the lowest customary standard, coach, or equivalent fare offered during normal business hours are unallowable, except when such accommodations require circuitous routing, require travel during unreasonable hours, excessively prolong travel, result in increased cost that would offset transportation savings, are not reasonably adequate for the physical or medical needs of the traveler, or are not reasonably available to meet mission requirements. However, in order for airfare or rail fare costs in excess of the above standard fare to be allowable, the applicable condition(s) set forth above must be documented and justified.

i. The costs of travel by contractor-owned, leased, or chartered aircraft and automobiles will be governed in accordance with FAR 31.205-46 (e) and (f).

**H-31 INDEMNIFICATION AGAINST UNUSUALLY HAZARDOUS RISKS**

a. **Definitions.** For the purpose of clause DFARS 252.235-7001, entitled "Indemnification Under 10 U.S.C. 2354—COST REIMBURSEMENT (DEC 1991)," it is agreed that risks arising out of or resulting from:

   (1) The burning, explosion, or detonation of propellants (liquid, solid, or gaseous), their constituent components or their degradation products during preparation, mixing, storage, or loading;

   (2) The burning, explosion, or detonation of liquid fueled rocket engines or solid fueled rocket motors during preparation, casting, curing, storing, testing, transporting, launch preparation, or launch;

   (3) The burning, explosion or detonation of launch vehicles or their components during testing, transporting, launch preparation or launch;

   (4) The toxic or other unusually hazardous properties of propellants (liquid, solid, or gaseous) or inert gases, their constituent ingredients, or their degradation products;

   (5) The flight or surface impact of launch vehicles or components or fragments thereof; are “unusually hazardous risks”, to the extent such risks arise out of performance of this contract.

b. **Applicability.** In addition to indemnification of the Contractor (including the McDonnell Douglas Aerospace subsidiary), the Contracting Officer has approved the flowdown of indemnification to the following subcontractors: Raytheon Electronic Systems, Alliant Techsystems Inc., Chemical Systems Division (CSD) of Pratt & Whitney, TRW Inc, and Lockheed Martin Missiles & Space (LMMS), a division of Lockheed Martin Corporation.
H-33  **EARNED VALUE MANAGEMENT SYSTEM**

a. The Government intends to use the Earned Value Management System, as described in DFARS 252.234-7001, in the management of this contract. The Contractor is required to submit a Cost Performance Report to measure the Contractor’s cost and schedule performance (CDRL A002). In planning and reporting performance data, the Contractor shall establish its performance budget so that the budgeted cost for each contract sub-element at level 2 and/or level 3 as appropriate, of the Contract Work Breakdown Structure (CWBS) is in line with the Section B sub-line item number (SubCLIN) value for the corresponding elements(s) as follows:

<table>
<thead>
<tr>
<th>SubCLIN</th>
<th>CWBS IDENTIFICATION</th>
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<tbody>
<tr>
<td>000101</td>
<td>1.0, 2.0, 7.0, 8.0</td>
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<td>000102</td>
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<td>000105</td>
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</table>

b. Except for budget changes arising from contract modifications, if the Contractor believes it necessary to redistribute budget among SubCLINs, the Contractor shall notify the Contracting Officer in writing beforehand, describing the circumstances necessitating the redistribution. If the Contracting Officer concurs, or fails to respond in writing within fifteen calendar days from receipt of such notice, the Contractor may proceed with the redistribution. The change in SubCLIN values will be incorporated in a subsequent modification to the contract.

H-34  **DUAL USE OF INTEGRATED SYSTEM TEST CAPABILITY (ISTC)**
**H-35 CONTRACTING OFFICER’S REPRESENTATIVES (CORs)**

a. Pursuant to DFARs 252.201-7000, the Government has designated Contracting Officer’s Representatives (CORs). Specifically, COR designations have been issued to the responsible Element Project Manager (EPM) for each SubCLIN.

b. For the Basic Contract period, the contracting officer has issued designation letters to individuals occupying the positions listed below:

<table>
<thead>
<tr>
<th>CLIN SubCLIN</th>
<th>Position Title/Organization</th>
</tr>
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<tbody>
<tr>
<td>0001 000101</td>
<td>NMD System</td>
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<td>0001 000103</td>
<td>UEWR Radar</td>
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<td>0003</td>
<td>NMD Special Studies &amp; Analyses</td>
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**H-36 YEAR 2000 COMPLIANCE**
H-37  CONTRACT DEFINITIZATION OF NOT TO EXCEED AMOUNT
H-38 TASK INSTRUCTIONS (CLIN 0003)

a. The procedures in this clause and Attachment 13, Task Instruction Procedures, shall apply to CLIN 0003 and 0004. The Contractor shall incur costs under these CLINs only in the performance of Task Instructions and revisions to instructions issued by the Contracting Officer. No other costs are authorized without the express written consent of the Contracting Officer. Only BMDO Contracting Officers are authorized to issue Task Instructions under CLIN 0003 and 0004 of this contract. All Task Instructions are subject to the terms and conditions of this contract; in the event of a conflict between a Task Instruction and this contract, the contract shall prevail.

b. Section B sets forth the estimated cost and award fee for One (1) Lot of Special Study and Analyses effort to be provided under CLIN 0003 and 0004. One (1) Lot is comprised of 25,000 Direct Productive Labor Hours (DPLH). A DPLH is defined as the prime or subcontractor actual labor hours (exclusive of vacation, holiday, sick leave and other absences) required to perform the task issued pursuant to this provision. The negotiated DPLH rate identified below includes the direct labor required to perform the task as well as CONUS travel cost, miscellaneous ODC, management and subcontractor management labor cost, administrative cost, and any associated burdens. The estimated number of DPLH multiplied by the DPLH rate is used to estimate the cost of a proposed Task Instruction. The DPLH rate does not include the Award Fee. The issuance of Task Instructions shall not exceed a cumulative amount of 25,000 DPLH during the period of performance specified in Section F.

Direct Productive Labor Hours: 25,000 hours
Direct Productive Labor Hour Rate: $130.91

c. The Contractor shall use its best efforts to accomplish the tasks within the estimated cost set forth in the Task Instruction. The estimated number of DPLH hours in task instructions is for the purpose of tracking the quantity of effort ordered against the total pool of 25,000 DPHL hours for CLINs 0003 and 0004. The Contractor shall invoice the actual cost incurred for the Task Instruction effort in accordance with Section G of the contract. Any variance between the estimated cost and the actual cost on task instructions will not alter the available award fee for that task. Spending funds in excess of the funds authorized in the Task Instruction without notifying the Contracting Officer will adversely impact the award fee determination.
d. Task Instructions shall be issued by the Contracting Officer in writing in accordance with the procedures contained in Attachment 13 to this contract and shall include, but not be limited to, the following information:

(1) effective date of Task Instruction;
(2) contract and Task Instruction number;
(3) description of the task to be performed;
(4) description of the exit criteria and deliverable
(5) identification of applicable Exhibit H CDRL items and, as applicable, the outline of the content of the final report (H001);
(6) identification of items of Government Furnished Property, if not currently covered under the contract, for which access is required;
(7) the period of performance for the task including due date(s) for CDRLs;
(8) the estimated number of labor hours, including the contractor/subcontractor mix and labor hours. Note: Task Instructions under CLIN 0003 are issued as completion tasks. A task shall be considered complete when the completion criteria set forth in the government approved Task Plan is completed. The government's acceptance of the Task Plan shall be evidenced by the PCO signature in Block 10 of the Task Instructions;
(9) the total estimated cost plus award fee; and
(10) the Accounting Classification Reference Number (ACRN) applicable to the task.

e. Task Instructions may be amended orally by the Contracting Officer in emergency circumstances; oral amendments shall be confirmed by issuance of a written Task Instruction within five working days from the time of the oral communication amending the instruction.

f. Payment of Award Fee for Task Instructions will be made in accordance with SCR H-23, entitled “Award Fee.” To the extent that Task Instructions are issued during each Award Fee Period as set forth in H-23, the Contracting Officer shall modify the contract from time to time, but not later than the end of the Award Fee period to add the Maximum Available Award Fee for each Task Instruction issued during the Award Fee Period to the Fee Pool. If no Task Instructions are issued during a given Award Fee period, there shall be no additions to the Fee Pool during that period. If at the end of the task instruction period of performance, the Contractor has not completed the task, the Government may reduce the award fee retroactively to reconcile the fee entitlement. Spending funds in excess of the funds authorized in the Task Instruction without notifying the Contracting Officer will adversely impact the award fee determination.

g. Nothing in this special contract requirement shall be construed to constitute authorization for the work not in accordance with clause FAR 52.232-22, Limitation of Funds.
H-39  EXPORT OF TECHNICAL DATA AND DEFENSE SERVICES IN THE CONDUCT OF NMD ACTIVITIES

a. In the performance of the contract Statement of Work, the LSI Contractor and its Subcontractors will be expected to support the Ballistic Missile Defense Organization (BMDO) in its activities with foreign entities and/or persons. This activity could include the export of defense services and/or technical data, including classified information as long as that information does not disclose the details of design, development, production or manufacture of any defense article.

b. When directed in writing from the Contracting Officer or from the Deputy for Systems Integration (JN/I/BMDO), the LSI Contractor, acting as an agent of BMDO for the purposes of export control, shall export on behalf of BMDO technical data to a named foreign entity or persons in the manner and under the conditions provided for in the direction.

c. When, in the performance of this contract, the need arises for the LSI Contractor and its Subcontractors to export defense services, the LSI Contractor and its Subcontractors shall export those services subject to the applicable requirements of the U.S. export control laws and regulations.

d. Nothing in this clause shall affect the protection or allocation of rights to technical data between BMDO and the LSI Contractor or any Subcontractors as provided for in this contract or subcontract hereunder; nor shall this clause affect the scope of any license otherwise granted to the Government or the recipient of the transferred or disclosed technical data.

e. Transfer of all technical data must follow the provisions of the Internal Control Plan currently under development by the LSI Contractor. Nothing in this clause shall relieve the contractor from compliance with the U. S. export control laws and regulations.

f. The LSI Contractor shall include this clause in all subcontracts at any tier (suitably modified to reflect the relationship of the parties), the performance of which may require the export of technical data and/or defense services, and the LSI Contractor may direct an export on behalf of BMDO subject to the limitations stated herein.
PART II - CONTRACT CLAUSES

SECTION I - CONTRACT CLAUSES

I-1 FAR 52.252-2 CLAUSES INCORPORATED BY REFERENCE (FEB 1998)

This contract incorporates one or more clauses by reference, with the same force and effect as if they were given in full text. Upon request, the Contracting Officer will make their full text available. Also, the full text of a clause may be accessed electronically at this address: http://farsite.hill.af.mil/.

a. FEDERAL ACQUISITION REGULATION (48 CFR CHAPTER 1)

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<td>Definitions</td>
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<td>Small, Small Disadvantaged and Women-Owned Small Business Subcontracting Plan</td>
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P00013
Page 52 of 58
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<td>MAR 1996</td>
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### a. DFARS Clauses

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### b. DEPARTMENT OF DEFENSE FEDERAL ACQUISITION REGULATION SUPPLEMENT (48 CFR CHAPTER 2)

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<td>Contracting Officer's Representative</td>
<td>DEC 1991</td>
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<td>252.203-7001</td>
<td>Special Prohibition on Employment</td>
<td>JUN 1997</td>
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<td>252.203-7002</td>
<td>Display of DoD Hotline Poster</td>
<td>DEC 1991</td>
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<td>252.204-7000</td>
<td>Disclosure of Information</td>
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<td>252.204-7003</td>
<td>Control of Government Personnel Work Product</td>
<td>APR 1992</td>
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<td>252.205-7000</td>
<td>Provision of Information to Cooperative Agreement Holders</td>
<td>DEC 1991</td>
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<td>252.208-7000</td>
<td>Intent to Furnish Precious Metals as Government-Furnished Material (Insert &quot;The Contractor shall identify their requirements when the need is known&quot; in paragraph (b))</td>
<td>DEC 1991</td>
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<td>252.209-7000</td>
<td>Acquisition From Subcontractors Subject to On-site Inspection Under the Intermediate-Range Nuclear Forces (INF) Treaty</td>
<td>NOV 1995</td>
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<td>Acquisition Streamlining</td>
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<td>Incentive for Subcontracting with Small Businesses, Small Disadvantaged Businesses, Historically Black Colleges and Universities, and Minority Institutions</td>
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<td>Safety Precautions for Ammunitions and Explosives</td>
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<td>Prohibition on Storage and Disposal of Toxic and Hazardous Materials</td>
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<td>Restriction on Acquisition of Carbon, Alloy, and Armor Steel Plate</td>
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<td>Rights In Noncommercial Computer Software And Noncommercial Computer Software Documentation</td>
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<td>Earned Value Management System</td>
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<td>Insert the following subcontractors in paragraph (f) of the clause: Northrop Grumman; Raytheon Company; Teledyne Brown Engineering; TRW Strategic Systems Division; United Technologies Corp.; and Xon Tech, Inc.</td>
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<td>“During each quarter ending with the end of the month indicated, any Contractor claim for special termination costs shall not exceed the following amounts ($ in millions):</td>
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<td>Ordering From Government Supply Sources</td>
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I-2  **FAR 52.244-6 SUBCONTRACTS FOR COMMERCIAL ITEMS AND COMMERCIAL COMPONENTS (OCT 1995)**

a. Definition.

Commercial item, as used in this clause, has the meaning contained in the clause at 52.202-1, Definitions.
Subcontract, as used in this clause, includes a transfer of commercial items between divisions, subsidiaries, or affiliates of the Contractor or subcontractor at any tier.

b. To the maximum extent practicable, the Contractor shall incorporate, and require its subcontractors at all tiers to incorporate, commercial items or nondevelopmental items as components of items to be supplied under this contract.

c. Notwithstanding any other clause of this contract, the Contractor is not required to include any FAR provision or clause, other than those listed below to the extent they are applicable and as may be required to establish the reasonableness of prices under Part 15, in a subcontract at any tier for commercial items or commercial components:

   (1) 52.222-26, Equal Opportunity (E.O. 11246);
   (2) 52.222-35, Affirmative Action for Special Disabled and Vietnam Era Veterans (38 U.S.C. 4212(a));
   (3) 52.222-36, Affirmative Action for Handicapped Workers (29 U.S.C. 793); and

d. The Contractor shall include the terms of this clause, including this paragraph (d), in subcontracts awarded under this contract.


(a) Modification P00010 definitized by modification P00026.
(b) Modification P00010 definitized by modification P00026.
(c) Modification P00011 definitized by modification P00050.
(d) Modification P00011 definitized by modification P00050.
(e) Modification P00016 definitized by modification P00037.
(f) Modification P00016 definitized by modification P00037.
(g) Modification P00023, (MCR 10), definitized by Modification P00056.

(h) Modification P00023, (MCR 10), definitized by Modification P00056.

(i) Modification P00024, SRD (MCR 11), definitized by Modification P00057.

(j) Modification P00024, SRD (MCR 11), definitized by Modification P00057.

(k) Modification P00025, ISTC (MCR 4), definitized by Modification P00051.

(l) Modification P00025, ISTC (MCR 4), definitized by Modification P00051.

(m) Modification P00035, KMR Housing (MCR 0064), definitized by Modification P00046.

(n) Modification P00035, KMR Housing (MCR 0064), definitized by Modification P00046.

(o) Modification P00044 for Kill Vehicle effort (MCR 009), definitized by Modification P00065.

(p) Modification P00044 for Kill Vehicle effort (MCR 009), definitized by Modification P00065.

(q) Modification P00044 for EWR Receiver/Exciter (REX) Replacement (MCR 025), definitized by Modification P00065.

(r) Modification P00044 for EWR Receiver/Exciter (REX) Replacement (MCR 025), definitized by Modification P00065.
(s) Modification P00044 for EWR Multipurpose Processors (MCR 060), definitized by Modification P00065.

(t) Modification P00044 for EWR Multipurpose Processors (MCR 060), definitized by Modification P00065.

(u) Modification P00044 for Additional UEWR Source Lines of Code (MCR 061), definitized by Modification P00065.

(v) Modification P00044 for Additional UEWR Source Lines of Code (MCR 061), definitized by Modification P00065.

(w) Modification P00044 for UEWR Test Article (UTA-I) Integrated Systems Test Capability (ISTC) (MCR 077), definitized by Modification P00065.

(x) Modification P00044 for UEWR Test Article (UTA-I) Integrated Systems Test Capability (ISTC) (MCR 077), definitized by Modification P00065.


(z) Modification P00051 Part II, Integrated Systems Test Capability (ISTC) - 2 (ISTC Expanded) (MCR 140), definitized by Modification P00063.

(aa) Modification P00055 for Hardware In-The-Loop (HWIL) (MCR 068), definitized by Modification P00067.

(ab) Modification P00055 for Hardware In-The-Loop (HWIL) (MCR 068), definitized by Modification P00067.
PART III - LIST OF DOCUMENTS, EXHIBITS AND OTHER ATTACHMENTS

SECTION J - LIST OF ATTACHMENTS

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<th>Exhibits</th>
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<tr>
<td>A</td>
<td>Contract Data Requirements Lists (CDRLs) Instructions and NMD CDRLs for Basic, 86 pages, dated 07/03/00</td>
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<td>B</td>
<td>Contract Data Requirements Lists (CDRLs) Instructions and NMD CDRLs for Continuing Development #1 (C1U1), 14 pages, dated 03/18/98</td>
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<td>C</td>
<td>Contract Data Requirements Lists (CDRLs) Instructions and NMD CDRLs for Deployment, 17 pages, dated 03/30/00</td>
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<td>D</td>
<td>Contract Data Requirements Lists (CDRLs) Instructions and NMD CDRLs for Continuing Development #2 (C1U2), 12 pages, dated 03/18/98</td>
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<td>Contract Data Requirements Lists (CDRLs) Instructions and NMD CDRLs for Continuing Development #3 (C2 Upgrade), 61 pages, dated 03/01/99</td>
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<td>Contract Data Requirements Lists (CDRLs) Instructions and NMD CDRLs for Initial Sustainment, 15 pages, dated 03/01/99</td>
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<td>Contract Data Requirements Lists (CDRLs) Instructions and NMD CDRLs for Common Support, 71 pages, dated 03/01/99</td>
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<td>NMD CDRLs for Special Studies and Analyses, 4 pages, dated 08/19/99</td>
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<td>Attachment 1</td>
<td>Statement of Work entitled &quot;National Missile Defense (NMD) Lead System Integrator (LSI) Statement of Work&quot;, 149 pages; Addendum 1, 5 pages; Addendum 2, 3 pages; dated 11/28/00.</td>
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<td>Attachment 2</td>
<td>Integrated Master Plan (IMP), 460 pages, dated 10/12/99</td>
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(Note: The IMP consists of 224 pages, Appendix A consists of 230 pages, and Appendix B consists of 6 pages. Within Appendix A, the following 17 page numbers are not used:


Within Appendix A, the following 24 additional page numbers are used:

| A-8a | A-60a | A-84a | A-128b | A-128f | A-177a |
| A-30a| A-64a | A-84b | A-128c | A-128g | A-178a |
| A-36a| A-70a | A-126a| A-128d | A-128h | A-202a |
| A-36b| A-70b | A-128a| A-128e | A-166a | A-202b |
## SECTION J - LIST OF ATTACHMENTS

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NMD LSI CDRLs

July 3, 2000
INTRODUCTION TO THE CDRL EXHIBITS

We have aligned the Contract Data Requirements Lists (CDRLs) with the Contract Line Item Numbers (CLINs), Period of Performance, Statement of Work and CWBS as follows:

<table>
<thead>
<tr>
<th>CLINs</th>
<th>Exhibit</th>
<th>Description of Period of Performance</th>
<th>Statement of Work References</th>
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<tr>
<td>0001, 0002*</td>
<td>A</td>
<td>Basic</td>
<td>Section 3, paras. 3.1.0 - 3.8.6</td>
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<td>0101, 0102, 103*</td>
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<td>0111, 0112, 113*</td>
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<td>Continuing Development #2 (C1U2)</td>
<td>Section 5, paras. 5.1.0 - 5.8.6</td>
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<td>0121, 0122, 123*</td>
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<td>Continuing Development #3 (C2) and DOSP #3</td>
<td>Section 6, paras. 6.1.0 - 6.8.6 and Section 10, paras. 10.1.0 - 10.8.6</td>
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<td>0131, 0132*</td>
<td>G</td>
<td>Common CLIN</td>
<td>Section 7, paras. 7.1.0 - 7.8.6</td>
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<tr>
<td>0201/0202*</td>
<td>C</td>
<td>Deployment</td>
<td>Section 8, paras. 8.1.0 - 8.8.6</td>
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<td>0203/0204*</td>
<td>F</td>
<td>Sustainment (Only the 8.0 CWBS)</td>
<td>Section 9, paras. 9.8.0 - 9.8.6</td>
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</table>

*These are the Data and Reports CLINs

After the period of performance for the Common CLIN (Exhibit G) has ended, there are a few CDRL items that will be listed and delivered under Exhibit E for effort under Continued Development #3 and DOSP #3. After the period of performance for DOSP #3, there are a few CDRL items that will be listed and delivered as part of Sustainment (Exhibit F). In these cases, the actual CDRLs carry the appropriate period for delivery dates. This approach was taken to conform to the NMD LSI schedule requirements with regard to being able to support exercise of the Continuing Development Options and the Deployment Option, as needed during the seven years following the Basic Program.

The format for referencing the Statement of Work paragraphs follows this example:

Paragraph 3.2.6 refers to Specialty Engineering for the Basic period.

The first number, “3” indicates the period of performance (3 is for Basic, 4 through 6 is for Continuing Development periods #1 - #3 respectively, 7 is for the Common effort, 8 is for Deployment, 9 is for Sustainment and 10 is for DOSP #3). The second number, “2” indicates IPT and the associated CWBS set of numbers, i.e., 2 is System Engineering and CWBS 2.6 is Specialty Engineering.

We have also developed some non-CDRL data products to support the goals of the NMD LSI Program. These are called Accessible Data Products (ADPs). The ADP Listing is part of 1.2-1 Data Management (Table 1.2-1) of the Integrated Master Plan (IMP). These data products will not be delivered to the customer’s server or submitted as hard copies, but will be accessible to the customer via the Team Integration Network System (TINS).
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<td>E002</td>
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<td>E003</td>
<td>F004</td>
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* Type I = BMDO Approval Required, initial issue and updates, Type II= Information only

**CDRL’s-Compliance with referenced DID’s / Tailored DID’s is mandatory

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EXHIBIT A

CONTRACT DATA REQUIREMENTS LIST (CDRL)

FOR THE

NATIONAL MISSILE DEFENSE (NMD) LEAD SYSTEM INTEGRATOR (LSI)

CDRL Instructions and NMD LSI Basic Contract CDRL

July 3, 2000
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<td>Parts Control Program Plan</td>
<td>G-27</td>
</tr>
<tr>
<td>G017</td>
<td>Presentation Material for Meetings, Audits &amp; Reviews</td>
<td>G-30</td>
</tr>
<tr>
<td>G018</td>
<td>System/Subsystem Design Description</td>
<td>G-31</td>
</tr>
<tr>
<td>G019</td>
<td>NMD Product Assurance Plan</td>
<td>G-32</td>
</tr>
<tr>
<td>G020</td>
<td>NMD External Interface Control Documents (ICD's)</td>
<td>G-33</td>
</tr>
<tr>
<td>G021</td>
<td>NMD Integration Plan</td>
<td>G-34</td>
</tr>
<tr>
<td>G022</td>
<td>Request for Deviation</td>
<td>G-36</td>
</tr>
<tr>
<td>G023</td>
<td>Request for Waiver</td>
<td>G-37</td>
</tr>
<tr>
<td>G024</td>
<td>NMD Nuclear Hardness and Survivability Program Plan</td>
<td>G-38</td>
</tr>
<tr>
<td>G025</td>
<td>System Consolidated Facilities Requirement Document (FRD)</td>
<td>G-40</td>
</tr>
<tr>
<td>G026</td>
<td>Integrated Deployment Plan</td>
<td>G-42</td>
</tr>
<tr>
<td>G027</td>
<td>Capstone Site Activation Plan (CSAP)</td>
<td>G-44</td>
</tr>
<tr>
<td>G028</td>
<td>Integrated Logistics Support Plan (ILSP)</td>
<td>G-45</td>
</tr>
<tr>
<td>G029</td>
<td>NMD System Training Plan</td>
<td>G-46</td>
</tr>
<tr>
<td>G030</td>
<td>Safety Assessment Report (SAR) / Hazard Tracking System (HTS)</td>
<td>G-47</td>
</tr>
<tr>
<td>G031</td>
<td>Range Safety Data Package</td>
<td>G-48</td>
</tr>
<tr>
<td>G032</td>
<td>Technical Reports</td>
<td>G-50</td>
</tr>
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<td>G033</td>
<td>NMD Configuration Management Plan</td>
<td>G-51</td>
</tr>
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<td>G034</td>
<td>System Behavior Analysis Report</td>
<td>G-52</td>
</tr>
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<td>G035</td>
<td>Information Architecture (IA)</td>
<td>G-53</td>
</tr>
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<td>G036</td>
<td>NMD System Verification Plan</td>
<td>G-54</td>
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<td>G037</td>
<td>Universal Documentation System Inputs</td>
<td>G-55</td>
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<td>G038</td>
<td>Initial Sustainment Plan</td>
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</tr>
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<td>G039</td>
<td>Weapon System Test Plan</td>
<td>G-57</td>
</tr>
<tr>
<td>G040</td>
<td>Weapon System Software Development Plan (SDP)</td>
<td>G-58</td>
</tr>
<tr>
<td>G041</td>
<td>BMC3 Element Level A Specification</td>
<td>G-59</td>
</tr>
<tr>
<td>ITEM</td>
<td>TITLE</td>
<td>Page No.</td>
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<tr>
<td>------</td>
<td>--------------------------------------------</td>
<td>----------</td>
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<td>G043</td>
<td>BMC3 Test Plan</td>
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<td>BMC3 Verification Plan</td>
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<td>G045</td>
<td>XBR Element Level A Specification</td>
<td>G-63</td>
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<td>G046</td>
<td>XBR Software Development Plan (SDP)</td>
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<td>G047</td>
<td>XBR Verification Plan</td>
<td>G-65</td>
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<td>G048</td>
<td>XBR Test Plan</td>
<td>G-66</td>
</tr>
<tr>
<td>G049</td>
<td>UEWR Element Level A Specification</td>
<td>G-67</td>
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<td>G050</td>
<td>UEWR Software Development Plan</td>
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</tr>
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<td>G051</td>
<td>UEWR Verification Plan</td>
<td>G-69</td>
</tr>
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<td>G052</td>
<td>UEWR Test Plan</td>
<td>G-70</td>
</tr>
<tr>
<td>G053</td>
<td>Weapon System Prime Item Specification</td>
<td>G-71</td>
</tr>
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</table>
PART I
CONTRACT DATA REQUIREMENTS LIST (CDRL) INSTRUCTIONS

1. General

The CDRL is prepared on plain paper for ease of downloading and word processing use and contains the same format and information as on the DD Form 1423. These instructions apply to Exhibit A and to all subsequent Exhibits added to this contract.

2. Data Item Description

Data Item Descriptions entered on the CDRL, were selected from the "Department of Defense Acquisition Management Systems and Data Requirements Control List (AMSDL)," DoD 5010.12-L.

3. DID Tailoring

DID tailoring is indicated by the addition of the suffix "T" to the DID number entered in Block 4 of the CDRL. For example, if the DID requirements were tailored for DID DI-MISC-80711, Block 4 entry in the CDRL would be DI-MISC-80711/T and the tailored requirements would be stated in Block 16. Tailoring is used to either relax format requirements or change the DID to be in consonance with the source document tailoring contained in the Statement of Work (SOW). DID Tailoring rules prohibit “tailoring up.” DID tailoring does not imply adding elements; rather, DID tailoring implies reformatting, deletion of information elements. If the requirements of a DID are found to be in conflict with the tailored application of the source document in the SOW, the tailoring shall take precedence.

4. CDRL Sequence Numbers

Each CDRL is assigned a unique sequence number to facilitate data tracking. CDRL sequence numbers are comprised of two elements. The first element is the letter "A" which is used in lieu of the word "EXHIBIT". The second element consists of three digits and indicates a consecutively-assigned, numerical sequence such as 001, 002, etc. For example, the first CDRL in Exhibit A to the contract would be assigned CDRL sequence number A001, the second A002, and so on until all Exhibit A CDRLs are sequentially numbered.

5. Data Distribution and Addresses

The CDRL Distribution List provides information regarding destination codes for data deliveries, and quantities for shipment to those destinations (normally in Blocks 14 & 15 of the CDRL) is provided on the Table A-1, CDRL Distribution Matrix. The complete mailing address is provided in the Addressee List.

6. Data Delivery Due Dates

Data delivery due dates are defined as "on-dock" dates at point of destination. Data shall be delivered on the due date specified. Unless otherwise indicated, any and all references to “days” shall be calendar days.
7. Data Delivery Delinquency

A Contractor is considered delinquent when a data delivery (or transmittal, as required) does not physically arrive at the appropriate addressee on the date(s) specified in Block 12, 13 or 16 of the CDRL and Distribution Matrix. However, data deliveries due on a Saturday, Sunday, or Federal holiday that are delivered on the next work day shall not be considered delinquent.

8. Data Delivery Requirements

The letters "LT" entered in Block 7 of the CDRL require the preparation and delivery of a Letter of Transmittal for each CDRL data delivery. The original letter shall be addressed and delivered to the PCO; copies of the Letter of Transmittal shall be provided to the ACO and to BMDO/JNC.

The Letter of Transmittal shall include:

- Date of preparation
- Contract number
- CDRL sequence number
- DID title and subtitle, if any
- CDRL data approval requirements, if any
- How distribution was made (e.g., electronically, mail)
- Distribution made of the Letter of Transmittal (information copy addressees)
- Distribution of the data item (including addresses and number of copies)

The letters "DD" entered in Block 7 of the CDRL indicate that a DD Form 250 is required with the deliverable and that the data item will be inspected and accepted at destination.

The letters "SD" entered in Block 7 of the CDRL indicate that a DD Form 250 is required with the deliverable and that the data item will be inspected at source and accepted at destination.

Any deliverable item that exceeds 250 sheets shall be bound in separate books of 250 sheets or less.

9. Data Approval Requirements

Selected data require approval before their submission is considered final. The letter "A" appearing in Block 8 of the CDRL designate such data. The approving authority shall be the Procuring Contracting Officer (PCO). The absence of an “A” in Block 8 does not forfeit or otherwise affect the Government’s right to disapprove any data that does not comply with the contract requirements.

Unless otherwise specified, resubmittal of disapproved data or data approved subject to the incorporation of comments shall be so identified and delivered 30 Calendar Days (CD) after receipt of notification from the PCO. The requirements applicable to the original submittal shall apply to the resubmittal data. Should the Contractor disagree with a resubmittal requirement, he shall submit his comments in writing to the PCO within 15 CD of receipt of data disapproval notification.
10. Distribution Statements

The following distribution statement shall be included on the cover page to protect all technical data:

- **DISTRIBUTION STATEMENT F**: Further dissemination only as directed by DoD, Ballistic Missile Defense Organization, ATTN: Alexander L. Austin, Contracting Officer, BMDO/DCTD, 1725 Jefferson Davis Highway Suite 809, Arlington, VA 22202, or higher authority.

Add the following Export Control Statement to all documents assigned distribution Statement F:

- **WARNING**: This document contains technical data whose export is restricted by the Arms Export Control Act (Title 22, U.S.C. Section 2751 et. seq.) or the Executive order 12470. Violation of these export laws is subject to severe criminal penalties.

11. Data Format Requirements

a. **Printable Image.** Plans, Procedures, and Specifications shall contain an "Applicable Documents" section. The title page shall include classification markings IAW the NISPOM, the CDRL number, a title (unclassified), the date of the report, the contract number, the name and address of the prime contractor, the distribution statement, and any special notices. All printed pages of each document shall contain the document control number and the date of the document in either the upper corner, opposite the binding of the page or the center of each page. Document control numbers shall include the revision and volume identification, as applicable. Each page prior to the text shall be numbered in lower-case Roman numerals beginning with page ii following either the cover page or beginning with the Table of Contents. Each page starting with the text and continuing to the appendices shall be consecutively numbered in Arabic numerals, or if more appropriate, consecutively numbered within sections using the following format: 2-1, 2-2, 2-3, etc.. If the document is divided into volumes, each such volume shall restart the page numbering sequence.

b. **Magnetic Images.** To facilitate ease of transfer and use, unless otherwise indicated in a particular CDRL data item, CDRL deliverables shall be prepared in the software format indicated, or in a format readily usable by the program indicated on PC workstations using Windows and **Office 97**.

<table>
<thead>
<tr>
<th>Written documentation</th>
<th>MS WORD, with figures and other graphics in a MS WORD compatible format.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Spreadsheets</td>
<td>MS EXCEL</td>
</tr>
<tr>
<td>Vugraphs (presentation material)</td>
<td>MS PowerPoint</td>
</tr>
<tr>
<td>Drawings</td>
<td>Any commonly available CAD</td>
</tr>
<tr>
<td>Generic databases</td>
<td>MS Access</td>
</tr>
<tr>
<td>Program Schedules</td>
<td>MS Project</td>
</tr>
</tbody>
</table>

Labels on data items released on electronic media shall include the following:

- Contract Number
- CDRL Number
c. **Electronic Distribution.** Unclassified documents shall be delivered electronically making use of commercial Web Browser/Web Technology or existing connections to the NMD Organization Wide Area Network (BMDO Frame Relay). Hard copies shall be distributed per Table A-1 to any addressee for whom BMDO notifies the Contractor that the addressee is not reachable electronically. In the event of any delay immediately after award of the contract in establishing electronic connections or procedures therefore, or for any extended period of outage, the Contractor shall deliver hard copies per Table A-1. For any documents delivered in hard copy to BMDO which are not delivered electronically, the Contractor shall also deliver magnetic disks (3.5” floppy disks or Zip Drive cartridge) for documents consisting primarily of text and CD-ROM for the IMS (A003) and Updates to the IMP (A004). Deliver all magnetic media to BMDO/JNC. Classified documents will not be delivered electronically; they shall be distributed in paper (hard) copy as well as magnetic disk(s) (3.5” floppy disks only) per CDRL instruction number 15 below.

12. **Codes Used In The CDRL**

The following codes are used on CDRL forms:

<table>
<thead>
<tr>
<th>Code</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>A</td>
<td>Approval of data item is required by BMDO.</td>
</tr>
<tr>
<td>AD</td>
<td>Approval of draft of data item is required by BMDO.</td>
</tr>
<tr>
<td>ASREQ</td>
<td>As required</td>
</tr>
<tr>
<td>BIANNUAL</td>
<td>Frequency is every other year</td>
</tr>
<tr>
<td>CLIN</td>
<td>Contract Line Item Number</td>
</tr>
<tr>
<td>F</td>
<td>Distribution statement is required, and shall be assigned per the CDRL instructions</td>
</tr>
<tr>
<td>DAC</td>
<td>(Calendar) Days after Contract Award</td>
</tr>
<tr>
<td>DID</td>
<td>Data Item Description</td>
</tr>
<tr>
<td>LT</td>
<td>Letter of transmittal</td>
</tr>
<tr>
<td>N/A</td>
<td>Not applicable</td>
</tr>
<tr>
<td>MTHLY</td>
<td>Monthly</td>
</tr>
<tr>
<td>ONE/R</td>
<td>One time and revisions</td>
</tr>
<tr>
<td>OTIME</td>
<td>One time</td>
</tr>
<tr>
<td>Para.</td>
<td>Paragraph</td>
</tr>
<tr>
<td>QRTLY</td>
<td>Quarterly</td>
</tr>
<tr>
<td>SOO</td>
<td>Statement of Objectives</td>
</tr>
</tbody>
</table>
13. Addressee List

- BMDO/JNC, POC, POE, DCTD, DSIS
  Ballistic Missile Defense Organization
  ATTN: (Office Symbol)
  1725 Jefferson Davis Highway Suite 809
  Arlington VA 22202

- ACO
  Per Block 6 of the Contract Form SF-26 (If SF 33, Block 24)

- SFAE-AMD-NMD
  For Unclassified Hand-Carried:
  SFAE-AMD-GBE
  ATTN: Mr. Harold Holmes
  6767 Old Madison Pike
  Huntsville Alabama

- SFAE-AMD-NMD-GI-S
  (Note 1. For Mail or Overnight Delivery requiring signature (e.g., Fed-X) see below.)
  For Unclassified Hand-Carried:
  SFAE-AMD-NMD-GI-S
  ATTN: Mr. Don Boster
  5650 Sanderson Rd Suite R
  Huntsville Alabama
  SAF/AQSI
  1500 Wilson Blvd
  Suite 1300
  Rosslyn, VA

- SAF/AQSI
  1500 Wilson Blvd
  Suite 1300
  Rosslyn, VA

- Navy Code 865
  Office of the CNO (N865J1) Room 4D548
  2000 Navy, Pentagon
  Washington DC 20330-1060

- Technical Information Center (TIC)
  BMDO Technical Information Center (TIC)
  1755 Jefferson Davis Highway STE 708
  Arlington VA 22202

- OSD/PA&E
  TBD

- ESC/NDB
  Electronic Systems Center (ESC/NDB)
  11 Eglin St
  Hanscom AFB MA 01731

Note 1. MAIL DELIVERIES FOR BOTH HUNTSVILLE ADDRESSEES:
Office Code
ATTN: (Individual)
P O Box 1500
Huntsville AL 35807-3801

Note 1. OVERNIGHT DELIVERY FOR BOTH HUNTSVILLE ADDRESSEES (e.g., FED-X)
Office Code
ATTN: (Individual)
106 Wynn Drive
Huntsville AL 35805

xii
14. Government Requiring Office

The Government Requiring Office, Block 6 of the CDRL, was left blank for the majority of data items when the contract was distributed. To avoid reprinting the entire CDRL to incorporate the Requiring Office into Exhibit A, Block 6 information has been added at the end of the data item entry in Table A-1, CDRL Distribution Matrix. To the extent that individual CDRL pages are changed for other reason, Block 6 information will be updated at the time the CDRL page is updated.

Block 6 information will be added to other Exhibits in the future by an administrative modification per Special Contract Requirement H-11.

15. Delivery of Classified Documents.

Classified documents shall be delivered to the following addressees in the quantities indicated:

<table>
<thead>
<tr>
<th>ADDRESSEE</th>
<th>PAPER COPIES</th>
<th>MAGNETIC COPIES</th>
</tr>
</thead>
<tbody>
<tr>
<td>Ballistic Missile Defense Organization</td>
<td>4</td>
<td>1</td>
</tr>
<tr>
<td>Attn: JN Document Control</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Crystal Square II, Suite 502</td>
<td></td>
<td></td>
</tr>
<tr>
<td>1725 Jefferson Davis Hwy</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Arlington VA 22202</td>
<td></td>
<td></td>
</tr>
<tr>
<td>(703) 604-0757</td>
<td></td>
<td></td>
</tr>
<tr>
<td>SFAE-AMD-GBE</td>
<td>4</td>
<td>1</td>
</tr>
<tr>
<td>Technical &amp; Engineering Support Division</td>
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<td></td>
</tr>
<tr>
<td>GBE Program Office, Attn: Document Control</td>
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<td></td>
</tr>
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<td>PO Box 1500</td>
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<tr>
<td>Huntsville, AL 35807-3801</td>
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</tr>
<tr>
<td>(256) 895 4520</td>
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<td></td>
</tr>
<tr>
<td>ESC/NDB</td>
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<td>1</td>
</tr>
<tr>
<td>Electronic Systems Center</td>
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<td></td>
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<td>Attn: Document Control</td>
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<tr>
<td>11 Eglin Street</td>
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<tr>
<td>Hanscom AFB MA 01731-2100</td>
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<tr>
<td>(781) 377-8922</td>
<td></td>
<td></td>
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<tr>
<td>SAF/AQSI</td>
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<td>1</td>
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<td></td>
</tr>
<tr>
<td>1060 Air Force Pentagon</td>
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<td></td>
</tr>
<tr>
<td>Washington DC 20330-1060</td>
<td></td>
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<tr>
<td>(703) 588-7393</td>
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</table>
### ADDRESSEE

<table>
<thead>
<tr>
<th>Address</th>
<th>PAPER COPIES</th>
<th>MAGNETIC COPIES</th>
</tr>
</thead>
</table>
| Navy Code 865  
Office of the CNO (N865J1)Room 4D521  
Attn: Document Control  
2000 Navy Pentagon  
Washington DC 20350-2000  
(703) 695-2678 | 1 | 1 |
| HQ US SPACECOM/J5B  
Attn: Document Control  
250 South Peterson Blvd, Suite 116  
Peterson AFB CO 80914-3170  
(719) 554-5904 | 1 | 1 |
| BMDO/TIC  
BMDO Technical Information Center (TIC)  
Attn: Document Control  
1755 Jefferson Davis Highway, Suite 708  
Arlington VA 22202  
(703) 412-2827 | 1 | 1 |
| Deliver to and mark outer wrapper as follows:  
The MITRE Corporation  
Document Control  
202 Burlington Road  
Bedford, MA 01730-1420  
Mark the inner wrapper as follows:  
The MITRE Corporation  
NMD Project, Attention: Charles K. Wilkinson 1618A  
202 Burlington Road  
Bedford, MA 01730-1420 | 1 | 1 |

**Total Classified Distribution**: 14 PAPER COPIES, 8 MAGNETIC COPIES

**NOTE**: The Contractor should note that in some cases (e.g., SAQ/AQSI, Navy Code 865), the above addresses for classified document delivery differ from the address for unclassified documents specified in CDRL instruction number 13.
### Table A-1, CDRL Distribution Matrix

#### Block 14, Distribution*

<table>
<thead>
<tr>
<th>CDRL SEQ No.</th>
<th>A001</th>
<th>A002</th>
<th>A003</th>
<th>A004</th>
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<th>A006</th>
<th>A007</th>
<th>A008</th>
<th>A009</th>
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<td>NMD</td>
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<td>NMD</td>
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</tr>
</tbody>
</table>

**Block 15, Total**

|         | 10   | 11   | 11   | 12   | 10   | 7    | 12   | 10   | 10   |

#### Block 6, Requiring Office

|         | JNC  | JNC  | JNC  | JNA  | JNC  | DSC  | JNA  | JNE  | JNT  |

---

### Table A-1, CDRL Distribution Matrix

#### Block 14, Distribution*

<table>
<thead>
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#### Block 6, Requiring Office

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### Table A-1, CDRL Distribution Matrix (Continued)

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#### Block 6, Requiring Office

| GBI EPM | GBI EPM | JNE | JNB | JNB | JNB | JNE | GBR EPM | GBR EPM |
Table A-1, CDRL Distribution Matrix (Continued)

* These are the intended recipients of CDRL items. Electronic submission per CDRL instruction paragraph 11c will satisfy BMDO unclassified distribution requirements.

Note 1: Requiring Office is dependent on subject matter. Default is BMDO/JNC.
CONTRACT DATA REQUIREMENTS LIST

A. CONTRACT LINE ITEM NO: 0002  B. EXHIBIT: A
C. CATEGORY: TDP___ TM___ OTHER___X___
D. SYSTEM/ITEM: NMD LSI
E. CONTRACT/PR. NO: HQ0006-98-C-0003  F. CONTRACTOR: BOEING

1. DATA ITEM NO.: A001
2. TITLE OF DATA ITEM: Contract Funds Status Report (CFSR)
3. SUBTITLE:
4. AUTHORITY: (Data Acquisition Document No.): DI-MGMT-81468
5. CONTRACT REFERENCE: SOW para. 3.1.2
6. REQUIRING OFFICE: BMDO/JNC
7. DD250 REQ: LT
8. APP CODE: N/A
9. DISTRIBUTION STATEMENT REQUIRED: F
10. FREQUENCY: QRTLY
11. AS OF DATE: ASREQ
12. DATE OF FIRST SUBMISSION: See Block 16
13. DATE OF SUBSEQUENT SUBMISSION: See Block 16
14. DISTRIBUTION and TOTAL COPIES: See Table A-1
15. REMARKS:
   Blocks 12 and 13: Initial and subsequent CFSR submissions shall be delivered 25 calendar days after the end of the contractor’s accounting quarter.

G. PREPARED BY: LTC CRAIG MAC ALLISTER  H. DATE: 18 MAR 98
I. APPROVED BY: A. L. AUSTIN, BMDO/DCTD  J. DATE: 18 MAR 98
CONTRACT DATA REQUIREMENTS LIST

A. CONTRACT LINE ITEM NO: 0002  B. EXHIBIT: A
C. CATEGORY: TDP___ TM___ OTHER___X___
D. SYSTEM/ITEM: NMD LSI
E. CONTRACT/PR. NO: HQ0006-98-C-0003  F. CONTRACTOR: BOEING

1. DATA ITEM NO.: A002
2. TITLE OF DATA ITEM: Cost Performance Report (CPR)
3. SUBTITLE:
4. AUTHORITY: (Data Acquisition Document No.): DI-MGMT-81466/T
5. CONTRACT REFERENCE: SOW para. 3.1.2
6. REQUIRING OFFICE: BMDO/JNC
7. DD250 REQ: LT
8. APP CODE: N/A
9. DISTRIBUTION STATEMENT REQUIRED: F
10. FREQUENCY: MTHLY
11. AS OF DATE: ASREQ
12. DATE OF FIRST SUBMISSION: See Block 16
13. DATE OF SUBSEQUENT SUBMISSION: See Block 16
14. DISTRIBUTION and TOTAL COPIES: See Table A-1
15. REMARKS:

Block 4:
Change all references to “Cost/Schedule Control Systems Criteria (C/SCSC)” to read “Earned Value Management Systems (EVMS) Criteria”
DI-MGMT-81466, Paragraph 7.6, tailor reporting as follows:
7.6.1 Hard copies shall be submitted until electronic connectivity to the Contractor’s system is established. The Contractor shall also make hardcopy distribution to any addressee (Table A-1) who does not have electronic connectivity with the Contractor’s system. For hard copy reporting, report to CWBS level 3, unless the Contracting Officer calls for lower level reporting for a particular problem or period on an as-needed basis. Once electronic connectivity is established, addresses authorized by the Contracting Officer on behalf of the MND JPO shall have direct access to the CPR on a Contractor Integrated Technical Information Services (CITIS) basis. Simply stated, CITIS access means that the CPR addresses shall be able to directly access complete cost performance information electronically at the lowest CWBS level accumulated by the Contractor. However, the lowest level must be established so as to give Government managers visibility for major components of NMD Elements (e.g., Kill Vehicle of GBI; receiver/exciter for Ground-Based sensor(s); BMC2 software for BMC3). Electronic access shall include CPR (Continued)

G. PREPARED BY: LTC CRAIG MAC ALLISTER   H. DATE: 15 SEP 98
I. APPROVED BY: A. L. AUSTIN, BMDO/DCTD   J. DATE: 15 SEP 98
CONTRACT DATA REQUIREMENTS LIST (Continuation Sheet)

A. CONTRACT LINE ITEM NO: 0002
B. EXHIBIT: A
C. CATEGORY: TDP___ TM___ OTHER___X___
D. SYSTEM/ITEM: NMD LSI
E. CONTRACT/PR. NO: HQ0006-98-C-0003
F. CONTRACTOR: BOEING

1. DATA ITEM NO: A002
2. TITLE OF DATA ITEM: Cost Performance Report (CPR)
3. SUBTITLE:
   Block 4 (Cont.):
   format information for the prime contractor as well as subcontractors and shall also
   include access to any trends, indices (SPI and CPI) and analyses prepared by the
   Contractor.
   7.6.2 Report using Formats 1 through 5.
10. PREPARATION INSTRUCTIONS
10.2.5.1 10.2.2.4 Performance Data shall be measured against the baseline established as a
result of an Integrated Baseline Review (IBR) to be conducted with the Government within
6 months of award.
This time-phase performance measurement baseline (PMB) may not be changed without
prior written approval from the Contracting Officer.
10.2.4.5 (Format 3) and 10.2.5.4 (Format 4): For the specified periods (columns 10-13)
beyond the initial 6 months, enter in quarterly increments. For column 14, enter the
balance of the contract.
10.2.5.1 (Format 4): report staffing in equivalent person months only.
10.2.6.3.2 (Format 5): In lieu of designated variance analysis thresholds, the Contractor
shall perform and submit variance and problem analyses for the 10 most significant
problems it identifies. Each such problem shall trigger variance analysis as appropriate of
the current month and cumulative data for the CWBS entry(ies) and level where the
problem is occurring, as well as problem analyses and “get well” information and variance
at completion.
10.2.6.2 (Format 5): Also include a reconciliation with dollar totals in the Contract Funds
Status Report (CFSR) for those months in which the CFSR is submitted.

Blocks 12 and 13: Initial and subsequent CPR submissions through December 1998 shall be
delivered 25 calendar days after the end of the contractor’s accounting month. Commencing
January 1999 subsequent CPR submissions shall be delivered on the last calendar day of the
month.

(End of A002)
CONTRACT DATA REQUIREMENTS LIST

A. CONTRACT LINE ITEM NO: 0002  B. EXHIBIT: A
C. CATEGORY: TDP___ TM___ OTHER___X___
D. SYSTEM/ITEM: NMD LSI
E. CONTRACT/PR. NO: HQ0006-98-C-0003  F. CONTRACTOR: BOEING

1. DATA ITEM NO.: A003
2. TITLE OF DATA ITEM: Master Integrated Program Schedule
3. SUBTITLE: NMD Integrated Master Schedule (IMS)
4. AUTHORITY: (Data Acquisition Document No.): DI-MISC-81183A/T
5. CONTRACT REFERENCE: SOW para. 3.1.2
6. REQUIRING OFFICE: BMDO/JNC
7. DD250 REQ: LT
8. APP CODE: N/A
9. DISTRIBUTION STATEMENT REQUIRED: F
10. FREQUENCY: MTHLY
11. AS OF DATE: ASREQ
12. DATE OF FIRST SUBMISSION: 45DAC
13. DATE OF SUBSEQUENT SUBMISSION: MTHLY
14. DISTRIBUTION and TOTAL COPIES: See Table A-1
15. REMARKS:

Block 4:
10. Preparation Instructions.
10.2 **Content** is modified as follows:
10.2.3 Intermediate Schedules. Intermediate level schedules shall be accomplished down to WBS level 4.
10.2.4 Detailed Schedules. Detailed schedules shall be accomplished down to WBS level 6. Any WBS leg where there is no work activity to be performed within the one year period following the “as of” date may be summarized at level 4.
10.3 Change “Master Integrated Program Schedule” to read “Integrated Master Schedule (IMS)”.

G. PREPARED BY: LTC CRAIG MAC ALLISTER  H. DATE: 5 OCT 98
I. APPROVED BY: A. L. AUSTIN, BMDO/DCTD  J. DATE: 5 OCT 98

CONTRACT DATA REQUIREMENTS LIST
A. CONTRACT LINE ITEM NO: 0002  B. EXHIBIT: A
C. CATEGORY: TDP___ TM___ OTHER___X___
D. SYSTEM/ITEM: NMD LSI
E. CONTRACT/PR. NO: HQ0006-98-C-0003  F. CONTRACTOR: BOEING

1. DATA ITEM NO.: A004
2. TITLE OF DATA ITEM: Scientific and Technical Reports
3. SUBTITLE: National Missile Defense Integrated Master Plan (NMD IMP) Update
4. AUTHORITY: (Data Acquisition Document No.): DI-MISC-80711/T
5. CONTRACT REFERENCE: SOW para. 3.1.2
6. REQUIRING OFFICE: BMDO/JNA
7. DD250 REQ: LT
8. APP CODE: See Block 16
9. DISTRIBUTION STATEMENT REQUIRED: F
10. FREQUENCY: ONE/R
11. AS OF DATE: ASREQ
12. DATE OF FIRST SUBMISSION: See Block 16
13. DATE OF SUBSEQUENT SUBMISSION: See Block 16
14. DISTRIBUTION and TOTAL COPIES: See Table A-1
15. REMARKS:

Block 4:
10 Preparation Instructions.
The IMP Update shall provide additional detail to complete Attachment 2 to the contract for the Continued Development and Deployment/Initial Sustainment Options. It shall define the Continued NMD Development program and Deployment in an event driven timeline linked to the IMS (CDRL A003), and executable as a program baseline.

10.3 Content. The IMP for the basic contract (Attachment 2 to this contract) contains section 1 for basic contract activities and lesser detail in sections 2 and 3 for Continued Development and Deployment/Initial Sustainment. The IMP Update shall provide additional details for sections 2 and 3.

Blocks 8, 12, and 13: Submit a draft of the IMP Update 30 days prior to DRR. The Government review and comments will be provided within 45 days after receipt. The Government intends to incorporate the appropriate sections of the Updated IMP as an attachment(s) to the contract if the Continued Development and/or Deployment option is exercised. Submit the final of the IMP Update as called for in the Government’s request to definitize the estimated cost and award fee for the option(s).

G. PREPARED BY: LTC CRAIG MAC ALLISTER  H. DATE: 5 OCT 98
I. APPROVED BY: A. L. AUSTIN, BMDO/DCTD  J. DATE: 5 OCT 98
**CONTRACT DATA REQUIREMENTS LIST**

A. CONTRACT LINE ITEM NO: **0002**
B. EXHIBIT: **A**
C. CATEGORY: **TD** TM X OTHER
D. SYSTEM/ITEM: **NMD LSI**
E. CONTRACT/PR. NO: **HQ0006-98-C-0003**
F. CONTRACTOR: **BOEING**

1. DATA ITEM NO.: **A005**
2. TITLE OF DATA ITEM: **Life Cycle Cost (LCC)**
3. SUBTITLE: **NMD System Life Cycle Cost Estimate (LCCE) Update**
4. AUTHORITY: **(Data Acquisition Document No.):** DI-FNCL-80448/T
5. CONTRACT REFERENCE: **SOW para. 3.2.9**
6. REQUIRING OFFICE: **BMDO/JNC**
7. DD250 REQ: **LT**
8. APP CODE: **N/A**
9. DISTRIBUTION STATEMENT REQUIRED: **F**
10. FREQUENCY: **ANNUALLY (ASREQ for Out-of-Cycle)**
11. AS OF DATE: **ASREQ**
12. DATE OF FIRST SUBMISSION: **See Block 16**
13. DATE OF SUBSEQUENT SUBMISSION: **See Block 16**
14. DISTRIBUTION and 15. TOTAL COPIES: **See Table A-1**

16. REMARKS:

**Block 4:**

10. **Preparation Instructions.**
   10.2.8 Delete
   10.2.8.1 Delete
   10.2.8.2 Delete

10.3 **Breakout of LCC.** Delete Figure 1 of DID-FNCL-80448. Use the BMDO Cost Breakdown Structure in Figure 2.0-1 of Appendix E of the NMD Cost Analysis/Estimating Terms of Reference (TOR), Version 3.1, October 1998. NMD LCCE Updates are required for each of the following four alternatives: (1) Alaskan-based NMD Capability One (NMD C1 LCCE Update-AK); (2) Grand Forks-based NMD Capability One (NMD C1 LCCE Update-GF); (3) Alaskan-based NMD Capability Two (NMD C2 LCCE Update-AK), and (4) Grand Forks-based NMD Capability Two (NMD C2 LCCE Update-GF).

**Block 12:** Submit the NMD C2 LCCE Update-AK and the NMD C2 LCCE Update-GF by 1999 MAR 29.

**Block 13:** Submit annual LCCE Updates for all four alternatives by 1999 OCT 10 and again by 2000 SEP 01. The Government reserves the right to call for up to two (2) additional* “out-of-cycle” LCCE Updates for either the C1 or C2 alternatives in the event of major budget or program changes. Any out-of-cycle submission called for shall be in writing by the PCO and shall be due sixty (60) days after the notification is received by the Contractor.

* One out-of-cycle LCCE Update already delivered in response to PCO Ltr Ser DCTD/LSI/98-023.

G. PREPARED BY: **HANS PITTNER**
H. DATE: **12 JUL 99**
I. APPROVED BY: **ROY HUFFMAN**
J. DATE: **13 AUG 99**
CONTRACT DATA REQUIREMENTS LIST

A. CONTRACT LINE ITEM NO: 0002  B. EXHIBIT: A
C. CATEGORY: TDP___ TM___ OTHER___X___
D. SYSTEM/ITEM: NMD LSI
E. CONTRACT/PR. NO: HQ0006-98-C-0003  F. CONTRACTOR: BOEING

1. DATA ITEM NO.: A006
2. TITLE OF DATA ITEM: Program Protection Implementation Plan
3. SUBTITLE: National Missile Defense Program Protection Management Plan (NMD PPMP)
4. AUTHORITY: (Data Acquisition Document No.): DI-ADMN-81306/T
5. CONTRACT REFERENCE: SOW para. 3.2.6
6. REQUIRING OFFICE: BMDO/DSIS
7. DD250 REQ: LT
8. APP CODE: AD
9. DISTRIBUTION STATEMENT REQUIRED: F
10. FREQUENCY: BIANNUAL
11. AS OF DATE: ASREQ
12. DATE OF FIRST SUBMISSION: See Block 16
13. DATE OF SUBSEQUENT SUBMISSION: 1 Dec 2000
14. DISTRIBUTION and TOTAL COPIES: See Table A-1
15. REMARKS:

Block 4:
3 Description/Purpose

3.1 A Government Program Protection Plan does not yet exist for NMD. The LSI Contractor shall write the NMD Program Protection Management Plan (PPMP) to document existing program protection efforts taking into account the LSI integration and management approach for NMD.

The Contractor shall provide a detailed plan on how it will assist the Government in protecting the NMD program, specifically to ensure that the research, development and acquisition (RD&A) of NMD capabilities, systems and technologies is not hindered, compromised or in any way defeated prior to fielding and, as a result, contribute to the survivability and increased longevity required once fielded. This requires security processes and structures that establish and assure the confidentiality, availability, and integrity of information used in conjunction with NMD RD&A and supporting contracts.

Contractor security processes include, but are not limited to, identifying: (1) aspects of, or items within, the NMD program, classified or unclassified, that require protection [e.g. critical program information systems and/or technology (CPI)]; (2) protection and assurance related risk management techniques and threat-based countermeasures, to

G. PREPARED BY: LTC CRAIG MAC ALLISTER  H. DATE: 18 MAR 98
I. APPROVED BY: A. L. AUSTIN, BMDO/DCTD  J. DATE: 18 MAR 98
A. CONTRACT LINE ITEM NO: 0002  
B. EXHIBIT: A  
C. CATEGORY: TDP___ TM___ OTHER___X  
D. SYSTEM/ITEM: NMD LSI  
E. CONTRACT/PR. NO: HQ0006-98-C-0003  
F. CONTRACTOR: BOEING  

1. DATA ITEM NO.: A006  
2. TITLE OF DATA ITEM: Program Protection Implementation Plan  
3. SUBTITLE: National Missile Defense Program Protection Management Plan (NMD PPMP)  

Block 4 (Cont.):  
include horizontal protection; (3) specific information systems security and information assurance needs; to include defensive information warfare considerations; as well as protection needs concerning; (4) classification management; (5) physical, personnel and operations security; (6) international security, technology transfer and foreign disclosure; and (7) the possible administration of special access programs. This management plan will also address merging with on-going NMD-related acquisition systems, and program protection and assurance actions within OSD, BMDO, the NMD JPO and Service elements involved in the NMD effort.  
7.1 Change the references in the first sentence to read: “DoD 5000.2-R (Part 4, paragraph 4.4.5) and BMDO Directive 5200, dated January 29, 1997.”  
10 Preparation Instructions.  
10.1 Content Requirements. Contractor format is acceptable but should, as a minimum, contain the following information:  
A. System and Program Description, detailing unique characteristics (e.g. capabilities and structures)  
B. NMD CPI (e.g. critical information, systems & technologies), and related threats (e.g. foreign collection threat), threat-based vulnerabilities identified via risk and vulnerability assessments, and countermeasures recommendations that include cost-benefit analyses.  
   − NMD System-wide  
   − NMD Elements (GBI, GBR, etc.)  
   − NMD RD&A processes and infrastructure.  
C. Risk Management Strategy applied to protection and assurance needs.  
D. Horizontal Protection Strategy to ensure commensurate protection and assurance across NMD elements, as well as with external programs and fielded capabilities involving or utilizing same technologies, information or systems.  
E. Information Assurance Strategy  
F. Information Systems Transition Strategy which identifies security requirements for the baseline information systems being migrated to components of an operational weapon system; identify how existing security services enhancements may be required to meet operational needs at milestones.  
G. Time-Event Phased Classification Guide  
(Continued)
CONTRACT DATA REQUIREMENTS LIST (Continuation Sheet)

A. CONTRACT LINE ITEM NO: 0002  
B. EXHIBIT: A  
C. CATEGORY: TDP___ TM___ OTHER___X__  
D. SYSTEM/ITEM: NMD LSI  
E. CONTRACT/PR. NO: HQ0006-98-C-0003  
F. CONTRACTOR: BOEING  

1. DATA ITEM NO.: A006  
2. TITLE OF DATA ITEM: Program Protection Implementation Plan  
3. SUBTITLE: National Missile Defense Program Protection Management Plan (NMD PPMP)  

Block 4 (Cont.):  
H. Implementation & Validation Procedures  
I. Technology Assessment and Control Plans (as required)  
J. Protection Costs  
K. Plan of Action to develop the structures and processes, and to implement these, as well as that required to addressed in block 7, e.g. information systems security, defensive information warfare, physical security, personnel security, operations security, international security, technology transfer, foreign disclosure, and special access programs administration needs once approved.  

Blocks 8 and 12: Submit a draft of the PPMP 120 DAC. The Government review and comments will be provided within 45 days after receipt. Submit the final NMD PPMP 30 days after receipt of Government Comments.  

(End of A006)
CONTRACT DATA REQUIREMENTS LIST

A. CONTRACT LINE ITEM NO.: 0002   B. EXHIBIT: A
C. CATEGORY:  TDP ___  TM ___  OTHER ___ X ___
D. SYSTEM/ITEM: NMD LSI
E. CONTRACT/PR. NO: HQ0006-98-C-0003  F. CONTRACTOR: BOEING

1. DATA ITEM NO.: A007
2. TITLE OF DATA ITEM: Scientific and Technical Reports
3. SUBTITLE: Integrated Master Plan (IMP) Changes
4. AUTHORITY: (Data Acquisition Document No.) DI-MISC-80711/T
5. CONTRACT REFERENCE: SOW para. 3.1.2
6. REQUIRING OFFICE: BMDO/JNC
7. DD250 REQ.: LT
8. APP CODE: See Block 16
9. DISTRIBUTION STATEMENT REQUIRED: F
10. FREQUENCY: See Block 16
11. AS OF DATE: ASREQ
12. DATE OF FIRST SUBMISSION: See Block 16
13. DATE OF SUBSEQUENT SUBMISSION: See Block 16
14. DISTRIBUTION and TOTAL COPIES: See Table A-1
15. REMARKS:

Block 4:
10 Preparation Instructions.
This CDRL covers both individual IMP Change Notices and a consolidate IMP reprint containing previously approved IMP Change Notices. IMP Change Notices shall be prepared whenever the Contractor changes the IMP. A consolidated IMP reprint shall be prepared ANNUALLY.

10.3 Content. IMP Change Notices shall contain details of the changes to the IMP. They may be issued as “slip” pages to the then-existing IMP or by republishing the affected section(s). Changes shall be clearly indicated (e.g., revision bars in hard copy, revision tracking features in soft copy) and shall be accompanied by a change log or revision sheet containing, as a minimum, a summary, the effective date, and point(s) of contact for the change(s).

The consolidated IMP reprint shall contain all IMP Change Notices approved since the IMP was last published and shall not contain revision markings.

Block 8: IMP Change Notices shall be assumed to be approved by the Government unless the Contractor is notified in writing by the PCO within 30 calendar days after receipt of the Notice per Special Contract Requirement H-25, “Changes to the Integrated Master Plan.”

(Continued)

G. PREPARED BY: LTC CRAIG MAC ALLISTER  H. DATE: 18 MAR 98
I. APPROVED BY: A. L. AUSTIN, BMDO/DCTD  J. DATE: 18 MAR 98

A-15
A. CONTRACT LINE ITEM NO: 0002  B. EXHIBIT: A
C. CATEGORY: TDP___ TM___ OTHER___X___
D. SYSTEM/ITEM: NMD LSI
E. CONTRACT/PR. NO: HQ0006-98-C-0003  F. CONTRACTOR: BOEING

1. DATA ITEM NO.: A007
2. TITLE OF DATA ITEM: Scientific and Technical Reports
3. SUBTITLE: Integrated Master Plan (IMP) Changes

Blocks 10, 12, and 13: IMP Change Notices shall be prepared on an “ASREQ” basis and shall be submitted prior to the effective date of the change. IMP reprints shall be submitted ANNUALLY and shall include all IMP Change Notices approved since the IMP was last published.

(End of A007)
CONTRACT DATA REQUIREMENTS LIST

A. CONTRACT LINE ITEM NO: 0002  B. EXHIBIT: A
C. CATEGORY: TDP___ TM___ OTHER___X___
D. SYSTEM/ITEM: NMD LSI
E. CONTRACT/PR. NO: HQ0006-98-C-0003  F. CONTRACTOR: BOEING

1. DATA ITEM NO.: A008
2. TITLE OF DATA ITEM: System/Subsystem Specification (SSS)
3. SUBTITLE: System Specification
4. AUTHORITY: (Data Acquisition Document No.): DI-IPSC-81431/T
5. CONTRACT REFERENCE: SOW para. 3.2.3
6. REQUIRING OFFICE: BMDO/JNE
7. DD250 REQ: LT
8. APP CODE: AD
9. DISTRIBUTION STATEMENT REQUIRED: F
10. FREQUENCY: ONE/R
11. AS OF DATE: ASREQ
12. DATE OF FIRST SUBMISSION: Draft SFR -15 CD
13. DATE OF SUBSEQUENT SUBMISSION: Final SPDR -15 CD
14. DISTRIBUTION and TOTAL COPIES: See Table A-1
15. REMARKS:
   Block 4:
   Add Format - Contractor format is acceptable.
   Block 8: Government review and approval (or disapproval) and comments will be provided within 45 days after receipt. Submit final System/Subsystem Specification within 30 days after receipt of Government comments.

G. PREPARED BY: LTC CRAIG MAC ALLISTER  H. DATE: 15 SEP 98
I. APPROVED BY: A. L. AUSTIN, BMDO/DCTD  J. DATE: 15 SEP 98
### CONTRACT DATA REQUIREMENTS LIST

A. CONTRACT LINE ITEM NO: **0002**

B. EXHIBIT: **A**

C. CATEGORY: **TDP** ___ **TM** ___ **OTHER** ___ **X**

D. SYSTEM/ITEM: **NMD LSI**

E. CONTRACT/PR. NO: **HQ0006-98-C-0003**

F. CONTRACTOR: **BOEING**

1. DATA ITEM NO.: **A009**

2. TITLE OF DATA ITEM: **Test and Evaluation Program Plan (TEPP)**

3. SUBTITLE: **NMD Integrated Test and Evaluation Plan (ITEP)**

4. AUTHORITY: *(Data Acquisition Document No.): **DI-NDTI-81284/T**

5. CONTRACT REFERENCE: **SOW para. 3.7.3**

6. REQUIRING OFFICE: **BMD/JNT**

7. DD250 REQ: **LT**

8. APP CODE: **See Block 16**

9. DISTRIBUTION STATEMENT REQUIRED: **F**

10. FREQUENCY: **ONE/R**

11. AS OF DATE: **ASREQ**

12. DATE OF FIRST SUBMISSION: **Draft 31 March 1999 (Already Delivered)**

13. DATE OF SUBSEQUENT SUBMISSION: **See Block 16**

14. DISTRIBUTION and 15. TOTAL COPIES: **See Table A-1**

16. REMARKS:

Block 4:

3. DESCRIPTION/PURPOSE

3.1 Change to read as follows: The ITEP outlines the plans and performance objectives at every level of testing on systems and subsystems. It provides the procuring activity with the test concept, objectives and requirements to be satisfied, test methods, elements, responsible activities associated with the testing, measures required, test data processing requirements, and recording analysis and evaluation procedures to be used.”

7.2 Change to read as follows: This DID is applicable to system and subsystem tests that include laboratory tests, simulations, ground tests, flight tests, integration tests, human factor tests, operational tests and acceptance tests.”

10.1 Format. Change The Test and Evaluation Program Plan (TEPP) shall be in the contractor’s format and shall conform to the following:” to The Integrated Test and Evaluation Plan (ITEP) shall be in the contractor’s format.”

10.1.1 Delete

10.1.2 Delete

(Continued)

G. PREPARED BY: **HANS PITTNER**

H. DATE: **7 MAY 99**

I. APPROVED BY: **ROY HUFFMAN**

J. DATE: **7 MAY 99**
CONTRACT DATA REQUIREMENTS LIST (Continuation Sheet)

A. CONTRACT LINE ITEM NO: 0002  B. EXHIBIT: A
C. CATEGORY: TDP___ TM___ OTHER___X___
D. SYSTEM/ITEM: NMD LSI
E. CONTRACT/PR. NO: HQ0006-98-C-0003  F. CONTRACTOR: BOEING

1. DATA ITEM NO.: A009
2. TITLE OF DATA ITEM: Test and Evaluation Program Plan (TEPP)
3. SUBTITLE: NMD Integrated Test and Evaluation Plan (ITEP)

Block 4: (Cont.)
10.2.2 Introduction. Change to read as follows: The introduction shall describe the plan and its relationship to the elements of the overall program, and an overview of the test program's objectives, including process flow diagrams, milestones/significant accomplishments, test resources and personnel, and relationship to design development, production and tactical deployment.
10.2.3 Change The TEPP to The ITEP
10.2.4 Change i.e., Joint Test Group (JTG)”
10.2.5 Tests and examinations. Change The TEPP to The ITEP”
10.2.5.1 Change to read as follows: Process Flow Diagrams. The process flow diagrams will reflect a functional description of the test and evaluation program using a block diagram portrayal of the functions that must be met to satisfy the total test program.”
10.2.5.2 References. Change The TEPP to The ITEP
10.2.5.3 Change to read as follows: Test and Evaluation Objectives. Describes the objective of each test performed, including the traceability to requirements documents, test requirements, data requirements and evaluation criteria for each test.”
   a. Test requirements
   b. Data requirements
   c. Evaluation
   d. Criteria
10.2.5.4 Test support requirements.
10.2.5.4a Change to read as follows: Instrumentation. Indicates the data collection method that will be used and the approximate number and types of parameters to be recorded.”
10.2.5.4b Test Logistics, change to identify logistics requirements including maintenance and repair for test equipment and facilities, and packaging, handling, storage and transportation (PHS&T) for test articles, support equipment and spares.
10.2.5.4c Change Government facilities to Government facilities and locations for each type of test. Change to read as follows: Government test facilities. Identify the specific government to be used for each type of test.”

(Continued)
<table>
<thead>
<tr>
<th>Block 4: (Cont.)</th>
</tr>
</thead>
</table>

10.2.5.4d Change to read as follows: **Data reduction and analysis.** Describes data to be collected and the data reduction and analysis techniques that will be used to interpret the data.”

An overview of the procedures that the contractor will use to analyze, evaluate, and verify the test results will also be provided.

10.2.5.5 Change to read: General Tests: This section shall provide a listing for each type of test, a description, test methodology and general change to procedures.

10.2.5.6 Special tests. Change to read as follows: **Special tests.** Provides a list of special test resources necessary to verify satisfactory system or subsystem performance to specifications.”

Block 8: The draft ITEP shall be submitted for information.

The final ITEP and subsequent revisions shall be submitted for approval.

Government review and approval (or disapproval) and comments will be provided within 45 days after receipt of each submittal. In the event the final ITEP or a subsequent revision is disapproved or is approved subject to the incorporation of comments, resubmittal of the ITEP shall be done within 30 days after receipt of Government comments.

Block 12: The final ITEP shall be submitted 30 November 1999 and shall incorporate Government comments from the review of the draft due 31 March 1999. The ITEP shall be submitted annually thereafter.

[(End of A009)]
CONTRACT DATA REQUIREMENTS LIST

A. CONTRACT LINE ITEM NO: 0002  
B. EXHIBIT: A 
C. CATEGORY: TDP___ TM___ OTHER___X___ 
D. SYSTEM/ITEM: NMD LSI 
E. CONTRACT/PR. NO: HQ0006-98-C-0003  
F. CONTRACTOR: BOEING

1. DATA ITEM NO.: A010 
2. TITLE OF DATA ITEM: Test Design and Assessment Report 
3. SUBTITLE: Ground and Flight Test Evaluation and Assessment Final Report 
4. AUTHORITY: (Data Acquisition Document No.): DI-ATTS-81273/T 
5. CONTRACT REFERENCE: SOW para. 3.7.6 
6. REQUIRING OFFICE: 
7. DD250 REQ: LT 
8. APP CODE: AD 
9. DISTRIBUTION STATEMENT REQUIRED: F 
10. FREQUENCY: OTIME 
11. AS OF DATE: N/A 
12. DATE OF FIRST SUBMISSION: See Block 16 
13. DATE OF SUBSEQUENT SUBMISSION: See Block 16 
14. DISTRIBUTION and TOTAL COPIES: See Table A-1 
15. REMARKS: 

Block 4:
3.1 Change first sentence to read as follows: “This report documents the results of the evaluation of a system’s test design”.
7.1 Change to read as follows: “This DID contains the format and preparation instructions for system evaluation resulting from a specified test phase or period.”
7.2 Delete this paragraph in its entirety.
10.2 Change to read as follows: “Format. The Test Evaluation and Assessment Final Report shall be in the contractor’s format.”
10.3 Change to read as follows: “Content Requirements. The content of the Test Evaluation and Assessment Final Report shall be the following:”
10.3.1 Change to read as follows: “A brief description of the functional operation of the system and of each element.”
10.3.2 Change to read as follows: “A description of the systems operational concept.”
10.3.3.1 Change to read as follows: “Identification of mission requirements and operational constraints.”
10.3.3.2 Change to read as follows: “For each item to be included in this analysis, a definition of risks and risk mitigation and identification of areas that require additional testing.”

(Continued)

G. PREPARED BY: LTC CRAIG MAC ALLISTER  
H. DATE: 18 MAR 98 
I. APPROVED BY: A. L. AUSTIN, BMDO/DCTD  
J. DATE: 18 MAR 98
CONTRACT DATA REQUIREMENTS LIST (Continuation Sheet)

A. CONTRACT LINE ITEM NO: 0002  
B. EXHIBIT: A
C. CATEGORY: TDP___ TM___ OTHER___X___
D. SYSTEM/ITEM: NMD LSI
E. CONTRACT/PR. NO: HQ0006-98-C-0003  
F. CONTRACTOR: BOEING

1. DATA ITEM NO.: A010
2. TITLE OF DATA ITEM: Test Design and Assessment Report
3. SUBTITLE: Ground and Flight Test Evaluation and Assessment Final Report

Block 4: (Cont.)
10.3.3.3 Change to read as follows: “System integration and performance measurements tested.”
10.3.3.4 Change to read as follows: “System engagement performance measurements tested, e.g., acquisition, track, discrimination, interception, etc.”
10.3.3.5 Change to read as follows: “System kill capability and performance assessment.”
10.3.3.6 Change to read as follows: “Human-in-control operations and performance Measurements tested.”
10.3.3.7 Add item to read as follows: “Assessment of verification related to testing, demonstrations, inspections and T&E analysis”.

Block 8: Government review and approval (or disapproval) and comments will be provided within 45 days after receipt of each submittal. Submit final test plan within 30 days after receipt of Government comments.

Blocks 12 and 13: Draft Report will be submitted 75 calendar days prior to IDR for Government approval and the first Final Report at IDR. The second Final Report will be submitted at End of Basic Period (EOBP).

(End of A010)
CONTRACT DATA REQUIREMENTS LIST

A. CONTRACT LINE ITEM NO: 0002  B. EXHIBIT: A
C. CATEGORY: TDP___ TM___ OTHER___ X___
D. SYSTEM/ITEM: NMD LSI
E. CONTRACT/PR. NO: HQ0006-98-C-0003  F. CONTRACTOR: BOEING

1. DATA ITEM NO.: A011
2. TITLE OF DATA ITEM: Design Review Data Pack
3. SUBTITLE: Deployment Readiness Review (DRR) Data Pack
4. AUTHORITY: (Data Acquisition Document No.): See Block 16
5. CONTRACT REFERENCE: SOW para. 3.2.1 3.3.2, 3.3.6, 3.4.1, 3.5.1, 3.6.9, 3.8.1
6. REQUIRING OFFICE:
7. DD250 REQ: LT
8. APP CODE: AD
9. DISTRIBUTION STATEMENT REQUIRED: F
10. FREQUENCY: See Block 16
11. AS OF DATE: ASREQ
12. DATE OF FIRST SUBMISSION: See Block 16
13. DATE OF SUBSEQUENT SUBMISSION: See Block 16
14. DISTRIBUTION and TOTAL COPIES: See Table A-1
16. REMARKS:

The contractor shall support the Deployment Readiness Review (DRR) demonstrating:

- Performance of the NMD system, supported, by the test and evaluation data.
- Detailed planning to produce and deploy the NMD system within three years of a deployment decision.
- Cost, Schedule and risk for NMD deployment.
- Deployment readiness plans.
- Operational sustainment readiness plans.
- Candidate development/deployment trades.
- Planning to evolve from the proposed C1 deployment(s) to a C2/C3 capability.

Block 4:
Conference Agenda per DI-ADMN-81249A; Conference Minutes per DI-ADMN-81250A;
Data Package per ILSS-81335. Contractor format is acceptable.

(Continued)

G. PREPARED BY: LTC CRAIG MAC ALLISTER  H. DATE: 18 MAR 98
I. APPROVED BY: A. L. AUSTIN, BMDO/DCTD  J. DATE: 18 MAR 98
CONTRACT DATA REQUIREMENTS LIST (Continuation Sheet)

A. CONTRACT LINE ITEM NO: 0002  
B. EXHIBIT: A
C. CATEGORY: TDP__ TM___ OTHER___X__
D. SYSTEM/ITEM: NMD LSI
E. CONTRACT/PR. NO: HQ0006-98-0003  
F. CONTRACTOR: BOEING

1. DATA ITEM NO.: A011
2. TITLE OF DATA ITEM: Design Review Data Pack
3. SUBTITLE: Deployment Readiness Review (DRR) Data Pack

Block 8: Agenda: Government agenda comments will be provided within 10CD after receipt. Data Package: Government comments, if applicable, to the presentation material will be provided within 7 days after receipt. Minutes: Government approval (or disapproval) and comments will be provided within 45 days after receipt.

Blocks 10, 12 and 13: Agenda: Submit agenda 15CD prior to the DRR. Data Package: Submit paper copies of the presentation material 15CD prior to DRR. Handouts of the Presentation Material/Data Package to attendees at DRR. Minutes: Submit Minutes within 14CD after review. If disapproved or corrections are required, submit revised Minutes within 14 days of receipt of Government comments.

(End of A011)
CONTRACT DATA REQUIREMENTS LIST

A. CONTRACT LINE ITEM NO: 0002
B. EXHIBIT: A
C. CATEGORY: TDP___ TM___ OTHER___ X___
D. SYSTEM/ITEM: NMD LSI
E. CONTRACT/PR. NO: HQ0006-98-C-0003
F. CONTRACTOR: BOEING

1. DATA ITEM NO.: A012
2. TITLE OF DATA ITEM: Scientific and Technical Reports
3. SUBTITLE: Data Accession List/Internal Data
4. AUTHORITY: (Data Acquisition Document No.): DI- MISC-80711/T
5. CONTRACT REFERENCE: SOW para. 3.1.2
6. REQUIRING OFFICE: BMDO/JNC
7. DD250 REQ: LT
8. APP CODE: See Block 16
9. DISTRIBUTION STATEMENT REQUIRED: F
10. FREQUENCY: See Block 16
11. AS OF DATE: ASREQ
12. DATE OF FIRST SUBMISSION: 30 DAC
13. DATE OF SUBSEQUENT SUBMISSION: MTHLY
14. DISTRIBUTION and TOTAL COPIES: See Table A-1
15. REMARKS:

Provide electronic copies of any unclassified documents listed on the LSI Data Accession List as requested by the JPO. For documentation that is not available in electronic format (e.g., display photographs) or classified data, one hard copy shall be delivered to the JPO as requested.

Block 4:

10. Preparation Instructions. The Contractor shall provide an accession list identifying contractor internal data which have been generated by the Contractor as a result of the work effort called for by this contract.

10.3 Content. Include on the Data Accession List all reports, documents, studies, and other data either generated or used by the contractor in the performance of this contract. For computer software, omit standard commercial products used by the contractor in the performance of this contract. CDRL documents shall not be included in the Data Accession List.

10.3.2 General. The List shall include the identification number of the document, title which shall provide a brief description of the content, date of the document (and date of and any revisions or changes), and an indication of the Government’s Right to the data using the following codes:

“UR” = Unlimited Rights
“LR” = Limited Rights
“GPLR” = Government Purpose License Rights

G. PREPARED BY: LTC CRAIG MAC ALLISTER
H. DATE: 18 MAR 98
I. APPROVED BY: A. L. AUSTIN, BMDO/DCTD
J. DATE: 18 MAR 98
CONTRACT DATA REQUIREMENTS LIST

A. CONTRACT LINE ITEM NO: 0002  B. EXHIBIT: A
C. CATEGORY: TDP____ TM____ OTHER____X____
D. SYSTEM/ITEM: NMD LSI
E. CONTRACT/PR. NO: HQ0006-98-C-0003  F. CONTRACTOR: BOEING

1. DATA ITEM NO.: A013
2. TITLE OF DATA ITEM: Engineering Change Proposals (ECP)
3. SUBTITLE: 
4. AUTHORITY: (Data Acquisition Document No.): DI-CMAN-80400/T
5. CONTRACT REFERENCE: SOW para. 3.2.7
6. REQUIRING OFFICE: 
7. DD250 REQ: LT
8. APP CODE: A
9. DISTRIBUTION STATEMENT REQUIRED: F
10. FREQUENCY: ASREQ
11. AS OF DATE: N/A
12. DATE OF FIRST SUBMISSION: ASREQ
13. DATE OF SUBSEQUENT SUBMISSION: ASREQ
14. DISTRIBUTION and 15. TOTAL COPIES: See Table A-1
16. REMARKS:

Block 4:
7.1 Change to read as follows: This Data Item Description contains the requirements for preparation of the Engineering Change Proposal resulting from the work task described by paragraph 5.3 of EIA/IS-649 National Consensus Standard for Configuration Management, dated August 1995.
10.2 Change to read as follows: The Engineering Change Proposal shall be in contractor format using EIA/IS-649 as a guide.

G. PREPARED BY: LTC CRAIG MAC ALLISTER  H. DATE: 18 MAR 98
I. APPROVED BY: A. L. AUSTIN, BMDO/DCTD  J. DATE: 18 MAR 98
**CONTRACT DATA REQUIREMENTS LIST**

A. CONTRACT LINE ITEM NO: **0002**  
B. EXHIBIT: **A**  
C. CATEGORY: TDP___ TM___ OTHER___ **X**  
D. SYSTEM/IEM: **NMD LSI**  
E. CONTRACT/PR. NO: **HQ0006-98-C-0003**  
F. CONTRACTOR: **BOEING**

1. DATA ITEM NO.: **A014**  
2. TITLE OF DATA ITEM: System/Subsystem Specification (SSS)  
3. SUBTITLE: Weapon System Element Level A Specification  
4. AUTHORITY: (Data Acquisition Document No.): **DI-IPSC-81431/T**  
5. CONTRACT REFERENCE: SOW para. 3.2.3, 3.3.2  
6. REQUIRING OFFICE: **BMDO/JNE**  
7. DD250 REQ: **LT**  
8. APP CODE: **N/A**  
9. DISTRIBUTION STATEMENT REQUIRED: **F**  
10. FREQUENCY: See Block 16  
11. AS OF DATE: **ASREQ**  
12. DATE OF FIRST SUBMISSION: See Block 16  
13. DATE OF SUBSEQUENT SUBMISSION: See Block 16  
14. DISTRIBUTION and 15. TOTAL COPIES: See Table A-1  
15. REMARKS:  
   Block 4:  
   Add Format - Contractor format is acceptable  
   Submit final Weapon System Element Level A Specification 15 days prior to System Preliminary Design Review (SPDR). Submit revisions as required.

G. PREPARED BY: **LTC CRAIG MAC ALLISTER**  
H. DATE: **26 JAN 99**  
I. APPROVED BY: **A. L. AUSTIN, BMDO/DCTD**  
J. DATE: **26 JAN 99**
CONTRACT DATA REQUIREMENTS LIST

A. CONTRACT LINE ITEM NO: 0002  B. EXHIBIT: A
C. CATEGORY: TDP__ TM__ OTHER__X__
D. SYSTEM/ITEM: NMD LSI
E. CONTRACT/PR. NO: HQ0006-98-C-0003  F. CONTRACTOR: BOEING

1. DATA ITEM NO.: A015
2. TITLE OF DATA ITEM: Software Development Plan (SDP)
3. SUBTITLE: NMD Software Development Plan (SDP)
4. AUTHORITY: (Data Acquisition Document No.): DI-IPSC-81427/T
5. CONTRACT REFERENCE: SOW para. 3.2.3
6. REQUIRING OFFICE: BMDO/JNE
7. DD250 REQ: LT
8. APP CODE: A
9. DISTRIBUTION STATEMENT REQUIRED: F
10. FREQUENCY: ONE/R
11. AS OF DATE: ASREQ
12. DATE OF FIRST SUBMISSION: See Block 16
13. DATE OF SUBSEQUENT SUBMISSION: See Block 16
14. DISTRIBUTION and TOTAL COPIES: See Table A-1
15. REMARKS:

Block 4:
Delete the following paragraphs in their entirety:
4.2.3,
4.2.3.1,
4.2.3.2,
4.2.5 and
5.8

Block 8: Government review and approval (or disapproval) and comments will be provided within 45 days after receipt of each submittal. Submit final NMD Software Development Plan within 30 days after receipt of Government comments.

Blocks 12 and 13: Submit preliminary at System Functional Review. Submit final by 1999 APR 01 (already submitted), with updates as required.

G. PREPARED BY: HANS PITTNER  H. DATE: 12 APR 99
I. APPROVED BY: ROY G. HUFFMAN  J. DATE: 12 APR 99
CONTRACT DATA REQUIREMENTS LIST

A. CONTRACT LINE ITEM NO: 0002  
B. EXHIBIT: A  
C. CATEGORY: TDP___ TM___ OTHER___X___  
D. SYSTEM/ITEM: NMD LSI  
E. CONTRACT/PR. NO: HQ0006-98-C-0003  
F. CONTRACTOR: BOEING  

1. DATA ITEM NO.: A016  
2. TITLE OF DATA ITEM: Scientific and Technical Reports  
3. SUBTITLE: Risk Management Plan  
4. AUTHORITY: (Data Acquisition Document No.): DI-MISC-80711/T  
5. CONTRACT REFERENCE: SOW para. 3.2.5  
6. REQUIRING OFFICE:  
7. DD250 REQ: LT  
8. APP CODE: N/A  
9. DISTRIBUTION STATEMENT REQUIRED: F  
10. FREQUENCY: ONE/R  
11. AS OF DATE: ASREQ  
12. DATE OF FIRST SUBMISSION: 60 DAC  
13. DATE OF SUBSEQUENT SUBMISSION: ASREQ  
14. DISTRIBUTION and TOTAL COPIES: See Table A-1  
15. REMARKS:  

Block 4:  
The contractor shall prepare, implement and maintain, a LSI Risk Management Plan to include risk management tasks that encompass the effort to establish, implement, and maintain a proactive risk management program that provides for the identification, analysis, assessment and mitigation of risk issues in achieving LSI program cost, schedule, and performance goals.  

G. PREPARED BY: LTC CRAIG MAC ALLISTER  
H. DATE: 18 MAR 98  
I. APPROVED BY: A. L. AUSTIN, BMDO/DCTD  
J. DATE: 18 MAR 98
CONTRACT DATA REQUIREMENTS LIST

A. CONTRACT LINE ITEM NO: 0002        B. EXHIBIT: A
C. CATEGORY: TDP___ TM___ OTHER___X__
D. SYSTEM/ITEM: NMD LSI
E. CONTRACT/PR. NO: HQ0006-98-C-0003    F. CONTRACTOR: BOEING

1. DATA ITEM NO.: A017
2. TITLE OF DATA ITEM: System Safety Program Plan
3. SUBTITLE:
4. AUTHORITY: (Data Acquisition Document No.): DI-SAFT-80100A
5. CONTRACT REFERENCE: SOW para. 3.8.2
6. REQUIRING OFFICE:
7. DD250 REQ: LT
8. APP CODE: N/A
9. DISTRIBUTION STATEMENT REQUIRED: F
10. FREQUENCY: OTIME
11. AS OF DATE: N/A
12. DATE OF FIRST SUBMISSION: 60 DAC
13. DATE OF SUBSEQUENT SUBMISSION: ASREQ
14. DISTRIBUTION and TOTAL COPIES: See Table A-1
15. REMARKS:

G. PREPARED BY: LTC CRAIG MAC ALLISTER  H. DATE: 18 MAR 98
H. APPROVED BY: A. L. AUSTIN, BMDO/DCTD  J. DATE: 18 MAR 98
CONTRACT DATA REQUIREMENTS LIST

A. CONTRACT LINE ITEM NO: 0002  B. EXHIBIT: A
C. CATEGORY: TDP_ TM_ OTHER__X__
D. SYSTEM/ITEM: NMD LSI
E. CONTRACT/PR. NO: HQ0006-98-C-0003  F. CONTRACTOR: BOEING

1. DATA ITEM NO.: A018
2. TITLE OF DATA ITEM: Parts Control Program Plan
3. SUBTITLE:
4. AUTHORITY: (Data Acquisition Document No.): DI-MISC-80526B/T
5. CONTRACT REFERENCE: SOW para. 3.2.6
6. REQUIRING OFFICE: BMDO/JNP
7. DD250 REQ: LT
8. APP CODE: A
9. DISTRIBUTION STATEMENT REQUIRED: F
10. FREQUENCY: OTIME
11. AS OF DATE: N/A
12. DATE OF FIRST SUBMISSION: 1998 OCT 16
13. DATE OF SUBSEQUENT SUBMISSION: ASREQ
14. DISTRIBUTION and TOTAL COPIES: See Table A-1
15. REMARKS:

Block 4:
The Data Item Description (DID) DI-MISC-80526B is modified to read as follows

SCOPE/ PREPARATION INSTRUCTIONS

CONTENT- The Parts, Materials and Processes Control Program Plan shall describe the Parts, Materials and Processes control process to include:

A  Organizational structure used to manage PMP related issues and the interfaces with other PMP related functional areas, including designation of a PMP control board.
B  Process for hardware subcontractor PMP control, including criteria to certify contractors for reduced oversight, and methods to manage subcontractors that are unable to obtain certification.
C  Requirements for hardware subcontractor PMP control programs to include:
   1) Documented PMP selection processes that maximize standardization consistent with program requirements.
   2) PMP Qualification to meet the reliability and performance requirements for the application in which they are used. Qualification shall include radiation hardness evaluation and destructive physical analysis where applicable.

(Continued)

G. PREPARED BY: LTC CRAIG MAC ALLISTER  H. DATE: 15 SEP 98
I. APPROVED BY: A. L. AUSTIN, BMDO/DCTD  J. DATE: 15 SEP 98
CONTRACT DATA REQUIREMENTS LIST (Continuation Sheet)

A. CONTRACT LINE ITEM NO: 0002  
B. EXHIBIT: A
C. CATEGORY: TDP___ TM___ OTHER___X___
D. SYSTEM/ITEM: NMD LSI
E. CONTRACT/PR. NO: HQ0006-98-C-0003  
F. CONTRACTOR: BOEING

1. DATA ITEM NO.: A018
2. TITLE OF DATA ITEM: Parts Control Program Plan
3. SUBTITLE:

Block 4 (Cont.)

3) Part, Material, and Process specifications and change control of these specifications.
4) Screening and Ongoing Quality Assurance addressing use of the following methods: qualified lines, screening plans, testing of higher level assemblies, and use of statistical quality assurance data.
5) Processes to ensure the integrity of the parts and materials through those manufacturing processes within the control of the supplier, to include handling, shipping, storage, and part marking.
6) Use of the Government Industry Data Exchange Program (GIDEP) to obtain part failure reporting data and advance warning of diminishing sources. Other industry data sources (i.e. TacTech) shall also be used to obtain information on diminishing source risks.
7) Electronic Parts Diminishing Manufacturing Source risk management approach.
8) Criteria for assessing and verifying the suitability of Commercial-off-the-shelf (COTS) parts for the intended application.
9) Subtier PMP management and supplier selection criteria.
10) The use of electronic searchable parts and materials lists and performance metrics using these lists.
11) A process to respond to failure events and document lessons learned in PMP selection and control.
12) Corrosion Prevention and Control
13) Radiation Hardness Assurance of spacecraft or launch systems, addressing total ionizing dose, single event effects, part selection criteria for radiation hardness, and design mitigation techniques.
14) Contamination Control in design, manufacturing, test, shipment, launch, and operation for all contamination sensitive hardware including space based systems and optics.

D Use of hardware subcontractor parts database information to establish metrics to track program PMP performance and DMS risks.

(Continued)
A. CONTRACT LINE ITEM NO: 0002  
B. EXHIBIT: A  
C. CATEGORY: TDP___ TM___ OTHER___X___  
D. SYSTEM/ITEM: NMD LSI  
E. CONTRACT/PR. NO: HQ0006-98-C-0003  
F. CONTRACTOR: BOEING  

1. DATA ITEM NO.: A018  
2. TITLE OF DATA ITEM: Parts Control Program Plan  
3. SUBTITLE:

Block 4 (Cont.)
FORMAT: Seller’s document format is optional. Data should be prepared in electronic format compatible with Microsoft Office (e.g. Word, Excel, PowerPoint, or Access). Data shall be submitted on 3.5” high density diskettes and/or electronically transmitted (FTP) to buyer’s protected server.

Government review and approval (or disapproval) and comment will be provided within 45 days after receipt. Submit final PCPP within 30 days after receipt of Government comments.

(End of A018)
CONTRACT DATA REQUIREMENTS LIST

A. CONTRACT LINE ITEM NO: 0002  B. EXHIBIT: A
C. CATEGORY: TDP___ TM___ OTHER___X___
D. SYSTEM/ITEM: NMD LSI
E. CONTRACT/PR. NO: HQ0006-98-C-0003  F. CONTRACTOR: BOEING

1. DATA ITEM NO.: A019
2. TITLE OF DATA ITEM: Presentation Material
3. SUBTITLE: Presentation Material for Meetings, Audits & Reviews
4. AUTHORITY: (Data Acquisition Document No.): See Block 16
5. CONTRACT REFERENCE: SOW para. 3.2.1, 3.3.2, 3.4.1, 3.5.1, 3.6.1, 3.8.1
6. REQUIRING OFFICE:
7. DD250 REQ: LT
8. APP CODE: N/A
9. DISTRIBUTION STATEMENT REQUIRED: F
10. FREQUENCY: See Block 16
11. AS OF DATE: N/A
12. DATE OF FIRST SUBMISSION: See Block 16
13. DATE OF SUBSEQUENT SUBMISSION: See Block 16
14. DISTRIBUTION and TOTAL COPIES: See Table A-1
15. REMARKS:

Block 4:
Conference Agenda per DI-ADMN-81249A; Conference Minutes per DI-ADMN-81250; Presentation Material per DI-ADMN-81373.

Blocks 10, 12 and 13: Agenda: Submit agenda 10 days prior to the Reviews. Presentation Material will be presented at the reviews. Minutes: Minutes, if required will be submitted within 14 days after review. If corrections are required, submit revised within 14 days of receipt of Government comments.
Applicability: This CDRL shall apply to the following program reviews/meetings:

1. System Functional Review (SFR)
2. System Preliminary Design Review (SPDR)
3. Customer Reviews, Audits and Meetings - Agendas and minutes may not be required

G. PREPARED BY: LTC CRAIG MAC ALLISTER  H. DATE: 18 MAR 98
I. APPROVED BY: A. L. AUSTIN, BMDO/DCTD  J. DATE: 18 MAR 98
CONTRACT DATA REQUIREMENTS LIST

A. CONTRACT LINE ITEM NO: 0002  B. EXHIBIT: A
C. CATEGORY: TDP__ TM__ OTHER__X__
D. SYSTEM/ITEM: NMD LSI
E. CONTRACT/PR. NO: HQ0006-98-C-0003  F. CONTRACTOR: BOEING

1. DATA ITEM NO.: A020
2. TITLE OF DATA ITEM: System/Subsystem Design Description (SSDD)
3. SUBTITLE:
4. AUTHORITY: (Data Acquisition Document No.): DI-IPSC-81432
5. CONTRACT REFERENCE: SOW para. 3.2.3
6. REQUIRING OFFICE: BMDO/JNE
7. DD250 REQ: LT
8. APP CODE: N/A
9. DISTRIBUTION STATEMENT REQUIRED: F
10. FREQUENCY: ONE/R
11. AS OF DATE: ASREQ
12. DATE OF FIRST SUBMISSION: See Block 16
13. DATE OF SUBSEQUENT SUBMISSION: See Block 16
14. DISTRIBUTION and 15. TOTAL COPIES: See Table A-1
16. REMARKS:
   Blocks 12 and 13: Submit preliminary at System Functional Review. Submit final at System Preliminary Design Review, with updates as required.

G. PREPARED BY: HANS PITTNER  H. DATE: 7 MAY 99
I. APPROVED BY: ROY HUFFMAN  J. DATE: 7 MAY 99
CONTRACT DATA REQUIREMENTS LIST

A. CONTRACT LINE ITEM NO: 0002  B. EXHIBIT: A
C. CATEGORY: TDP___ TM___ OTHER___X___
D. SYSTEM/ITEM: NMD LSI
E. CONTRACT/PR. NO: HQ0006-98-C-0003  F. CONTRACTOR: BOEING

1. DATA ITEM NO.: A021  2. TITLE OF DATA ITEM: Product Assurance Quality Program Plan
3. SUBTITLE: NMD Product Assurance Plan
4. AUTHORITY: (Data Acquisition Document No.): DI-QCIC-81198
5. CONTRACT REFERENCE: SOW para. 3.2.1, 3.3.2, 3.4.2, 3.5.2, 3.6.9
6. REQUIRING OFFICE: BMDO/JNP
7. DD250 REQ: LT
8. APP CODE: N/A
9. DISTRIBUTION STATEMENT REQUIRED: F
10. FREQUENCY: OTIME
11. AS OF DATE: N/A
12. DATE OF FIRST SUBMISSION: 60 DAC.
13. DATE OF SUBSEQUENT SUBMISSION: ASREQ
14. DISTRIBUTION and TOTAL COPIES: See Table A-1
15. REMARKS:

Block 4:
10 Preparation Instructions.
The NMD System Product Assurance Plan shall incorporate the Product Assurance Plans for all elements of the NMD System
10.3 Change to read as follows: General. The Product Assurance Quality Program Plan shall be complete, accurate, concise, and written with clarity. The plan shall identify how the contractor will satisfy the specific quality tasks within the contract and describe the contractor's understanding of all documentation tasks required for meeting the contractual requirements. The plan shall be consistent with the Quality Program Requirements of ANSI/ASQC Q9001, all amendments, and the Contract Reliability and Maintainability Requirements

G. PREPARED BY: HANS PITTNER  H. DATE: 7 MAY 99
I. APPROVED BY: ROY HUFFMAN  J. DATE: 7 MAY 99
CONTRACT DATA REQUIREMENTS LIST

A. CONTRACT LINE ITEM NO: 0002  B. EXHIBIT: A
C. CATEGORY: TDP_ TM__ OTHER__X__
D. SYSTEM/ITEM: NMD LSI
E. CONTRACT/PR. NO: HQ0006-98-C-0003  F. CONTRACTOR: BOEING

1. DATA ITEM NO.: A022
2. TITLE OF DATA ITEM: Interface Control Document (ICD)
3. SUBTITLE: NMD External Interface Control Documents (ICD’s)
4. AUTHORITY: (Data Acquisition Document No.): DI-MISC-80711/T
5. CONTRACT REFERENCE: SOW para. 3.2.3, 3.3.2, 3.3.6, 3.4.2, 3.4.3, 3.4.4, 3.5.2, 3.5.3, 3.6.7
6. REQUIRING OFFICE: BMDO/JNE
7. DD250 REQ: LT
8. APP CODE: A
9. DISTRIBUTION STATEMENT REQUIRED: F
10. FREQUENCY: ONE/R
11. AS OF DATE: ASREQ
12. DATE OF FIRST SUBMISSION: SFR -15CD
13. DATE OF SUBSEQUENT SUBMISSION: SPDR -15CD
14. DISTRIBUTION and TOTAL COPIES: See Table A-1
15. REMARKS:

Block 4: Add format - Contractors format is acceptable.

Block 8: Government review and approval will be by the NMD Interface Control Working Group in accordance with Government and LSI approved NMD Interface Control Plan.

G. PREPARED BY: LTC CRAIG MAC ALLISTER  H. DATE: 26 JAN 99
I. APPROVED BY: A. L. AUSTIN, BMDO/DCTD  J. DATE: 26 JAN 99
A. CONTRACT LINE ITEM NO: 0002  
B. EXHIBIT:  A  
C. CATEGORY: TDP__ TM__ OTHER__X__  
D. SYSTEM/ITEM: NMD LSI  
E. CONTRACT/PR. NO: HQ0006-98-C-0003  
F. CONTRACTOR: BOEING

1. DATA ITEM NO.: A023  
2. TITLE OF DATA ITEM: Scientific and Technical Reports  
3. SUBTITLE: NMD Integration Plan  
4. AUTHORITY: (Data Acquisition Document No.): DI-MISC-80711/T  
5. CONTRACT REFERENCE: SOW para. 3.2.8, 3.3.2, 3.4.2, 3.5.2, 3.6.3  
6. REQUIRING OFFICE: BMDO/JNA  
7. DD250 REQ: LT  
8. APP CODE: A  
9. DISTRIBUTION STATEMENT REQUIRED: F  
10. FREQUENCY: ONE/R  
11. AS OF DATE: ASREQ  
12. DATE OF FIRST SUBMISSION: ATP + 60 Days  
13. DATE OF SUBSEQUENT SUBMISSION: SPDR - 15 Days  
14. DISTRIBUTION and TOTAL COPIES: See Table A-1  
15. REMARKS:  
16. RECOMMENDATION:  

Block 4:  

10.2 Change to read as follows: Document shall be in accordance with Contractor format. Add the following:  

Contents of Plan  
Plan shall include a discussion of the following:  
• System Integration Roadways  
• System Interfaces  
• System Integration Tools  
• Role of the JNTF and ISTC in the integration and test process  
• Intro-element Integration  
• Element-to-element Integration  
• Deployment Integration activities  

(Continued)  

G. PREPARED BY: LTC CRAIG MAC ALLISTER  
H. DATE: 26 JAN 99  
I. APPROVED BY: A. L. AUSTIN, BMDO/DCTD  
J. DATE: 26 JAN 99
CONTRACT DATA REQUIREMENTS LIST (Continuation Sheet)

A. CONTRACT LINE ITEM NO: 0002  
B. EXHIBIT: A
C. CATEGORY: TDP___ TM___ OTHER___X__
D. SYSTEM/ITEM: NMD LSI
E. CONTRACT/PR. NO: HQ0006-98-C-0003  
F. CONTRACTOR: BOEING

1. DATA ITEM NO.: A023
2. TITLE OF DATA ITEM: Scientific and Technical Reports
3. SUBTITLE: NMD Integration Plan

Block 4: (Cont.)
Block 8: Government review and approval (or disapproval) and comments will be provided within 45 days after receipt. Submit Final System Integration Plan within 30 days after receipt of Government comments.

(End of A023)
CONTRACT DATA REQUIREMENTS LIST

A. CONTRACT LINE ITEM NO: 0002  B. EXHIBIT: A
C. CATEGORY: TDP__ TM__ OTHER__X__
D. SYSTEM/ITEM: NMD LSI
E. CONTRACT/PR. NO: HQ0006-98-C-0003  F. CONTRACTOR: BOEING

1. DATA ITEM NO.: A024
2. TITLE OF DATA ITEM: Request for Deviation
3. SUBTITLE:
4. AUTHORITY: (Data Acquisition Document No.): DI-CMAN-80640B/T
5. CONTRACT REFERENCE: SOW para. 3.2.1
6. REQUIRING OFFICE:
7. DD250 REQ: LT
8. APP CODE: A
9. DISTRIBUTION STATEMENT REQUIRED: F
10. FREQUENCY: ASREQ
11. AS OF DATE: N/A
12. DATE OF FIRST SUBMISSION: ASREQ
13. DATE OF SUBSEQUENT SUBMISSION: ASREQ
14. DISTRIBUTION and 15. TOTAL COPIES: See Table A-1
16. REMARKS:

Block 4:

7.1 Change to read as follows: This Data Item Description (DID) contains the requirements for deviation to product configuration documentation per paragraph 5.3.4 of EIA/IS-649, National Consensus Standard for Configuration Management, dated August 1995.

7.2 Delete this paragraph in its entirety.

10.2 Change to read as follows: Format and Content. The Request for Deviation shall be prepared in contractor format. The RFD content shall use EIA/IS-649 as a guide.

G. PREPARED BY: LTC CRAIG MAC ALLISTER  H. DATE: 18 MAR 98
I. APPROVED BY: A. L. AUSTIN, BMDO/DCTD  J. DATE: 18 MAR 98
CONTRACT DATA REQUIREMENTS LIST

A. CONTRACT LINE ITEM NO: 0002  B. EXHIBIT: A
C. CATEGORY: TDP___ TM___ OTHER___X___
D. SYSTEM/ITEM: NMD LSI
E. CONTRACT/PR. NO: HQ0006-98-C-0003  F. CONTRACTOR: BOEING

1. DATA ITEM NO.: A025
2. TITLE OF DATA ITEM: Request for Waiver
3. SUBTITLE:
4. AUTHORITY: (Data Acquisition Document No.): DI-CMAN-80641B/T
5. CONTRACT REFERENCE: SOW para. 3.2.1
6. REQUIRING OFFICE: F
7. DD250 REQ: LT
8. APP CODE: A
9. DISTRIBUTION STATEMENT REQUIRED:
10. FREQUENCY: ASREQ
11. AS OF DATE: N/A
12. DATE OF FIRST SUBMISSION: ASREQ
13. DATE OF SUBSEQUENT SUBMISSION: ASREQ
14. DISTRIBUTION and TOTAL COPIES: See Table A-1
15. REMARKS:

Block 4:
7.1 Change to read as follows: This Data Item Description (DID) contains the requirements for variance to product configuration documentation per paragraph 5.3.4 of EIA/IS-649, National Consensus Standard for Configuration Management, dated August 1995.
7.2 Delete this paragraph in its entirety.
10.2 Change to read as follows: Format and Content. The Request for Waiver shall be prepared in contractor format. The RFW content shall use EIA/IS-649 as a guide.

G. PREPARED BY: LTC CRAIG MAC ALLISTER  H. DATE: 18 MAR 98
I. APPROVED BY: A. L. AUSTIN, BMDO/DCTD  J. DATE: 18 MAR 98
CONTRACT DATA REQUIREMENTS LIST

A. CONTRACT LINE ITEM NO: 0002 B. EXHIBIT: A
C. CATEGORY: TDP___ TM___ OTHER___X___
D. SYSTEM/ITEM: NMD LSI
E. CONTRACT/PR. NO: HQ0006-98-C-0003 F. CONTRACTOR: BOEING

1. DATA ITEM NO.: A026
2. TITLE OF DATA ITEM: Nuclear Survivability Program Plan
3. SUBTITLE: NMD Nuclear Hardness and Survivability Program Plan
4. AUTHORITY: (Data Acquisition Document No.): DI-NUOR-80156A/T
5. CONTRACT REFERENCE: SOW para. 3.2.6, 3.3.2, 3.4.2, 3.5.2, 3.6.2
6. REQUIRING OFFICE:
7. DD250 REQ: LT
8. APP CODE: N/A
9. DISTRIBUTION STATEMENT REQUIRED: F
10. FREQUENCY: ASREQ
11. AS OF DATE: N/A
12. DATE OF FIRST SUBMISSION: PDR - 15 CD
13. DATE OF SUBSEQUENT SUBMISSION: ASREQ
14. DISTRIBUTION and TOTAL COPIES: See Table A-1
15. REMARKS:

Block 4:
10.2 Delete last sentence
10.3.a Revise to read as follows:

   “a. The plan shall describe the specific design features and other approaches to be
      utilized to achieve nuclear survivability. (Delete second sentence ) 7. 3 through 7.7, delete
      in their entirety."
10. c. Delete second sentence in its entirety
10.d. Delete second sentence in its entirety
10.e Delete word “respective” in first sentence, delete second sentence in its entirety.
10.g and h delete in their entirety
10.4.a, Change to read as follows:

   “a. The plan shall delineate analytical efforts that supplement or replace testing, to
      include computer codes, and the intended applications of analytical techniques. ”
10.4.b delete in its entirety
10.4.c Revise as follows:

   “c. The plan shall delineate subsystem and system-level tests to be performed
      including methods of extrapolation from test environment to the threat environments, the
      test simulators and rationale for simulator choices and relationships to analytical efforts.”

(Continued)

G. PREPARED BY: LTC CRAIG MAC ALLISTER H. DATE: 18 MAR 98
I. APPROVED BY: A. L. AUSTIN, BMDO/DCTD J. DATE: 18 MAR 98
CONTRACT DATA REQUIREMENTS LIST (Continuation Sheet)

A. CONTRACT LINE ITEM NO: 0002  B. EXHIBIT: A  
C. CATEGORY: TDP___ TM___ OTHER___X___
D. SYSTEM/ITEM: NMD LSI  
E. CONTRACT/PR. NO: HQ0006-98-C-0003  F. CONTRACTOR: BOEING

1. DATA ITEM NO.: A026  
2. TITLE OF DATA ITEM: Nuclear Survivability Program Plan  
3. SUBTITLE: NMD Nuclear Hardness and Survivability Program Plan

Block 4 (Cont.):

10.4.e Revise as follows:
10.4.d. Delete in its entirety  
“e. The plan shall describe survivability philosophy used for selection and rejection of piece parts, materials, and device technologies. There shall be particular emphasis on design philosophy for hardness critical (HCI) and mission critical equipments. The plan shall describe the configuration control approach to control HCI’s and HCP’s.”

10.4.f Delete in its entirety

10.4.g Revise as follows:
“g. The plan shall delineate the projected requirements, driven by nuclear survivability of the system, for hardened parts, and the impacts of these requirements on the program and system design and operation.”

10.4.h (OK as is ).

10.4.i Revise as follows:
“i. The plan shall identify the nuclear survivability trade-offs that shall be performed against other system requirements such as schedule cost, reliability and producibility.”

10.5.a Revise as follows:
“a. Nuclear survivability areas of high risk and uncertainty, including the impact on cost, performance, and weight.”

10.5.b,c and d delete in their entirety.

10.6.a Delete words “logistic support”.

10.6.d and e Delete in their entirety.

10.7 Delete entire paragraph.

10.8 and 9 (ok as is ).

(End of A026)
CONTRACT DATA REQUIREMENTS LIST

A. CONTRACT LINE ITEM NO: 0002  B. EXHIBIT: A
C. CATEGORY: TDP___ TM___ OTHER___X___
D. SYSTEM/ITEM: NMD LSI
E. CONTRACT/PR. NO: HQ0006-98-C-0003  F. CONTRACTOR: BOEING

1. DATA ITEM NO.: A027
2. TITLE OF DATA ITEM: Scientific and Technical Reports
3. SUBTITLE: DRR Criteria and Metrics
4. AUTHORITY: (Data Acquisition Document No.): DI-MISC-80711/T
5. CONTRACT REFERENCE: SOW para. 3.2.1, 3.4.1, 3.5.1, 3.6.1
6. REQUIRING OFFICE: BMDO/JNI
7. DD250 REQ: LT
8. APP CODE: See Block 16
9. DISTRIBUTION STATEMENT REQUIRED: F
10. FREQUENCY: See Block 16
11. AS OF DATE: ASREQ
12. DATE OF FIRST SUBMISSION: 30 DAC
13. DATE OF SUBSEQUENT SUBMISSION: See Block 16
14. DISTRIBUTION and TOTAL COPIES: See Table A-1
15. REMARKS:

Block 4:
10 Preparation Instructions.
This CDRL shall contain specific completion criteria and associated metrics consistent with the NMD program.

Content. DRR Criteria and Metrics shall be organized based on the following:

• Performance Criteria
  – Provide Assessment to Meet User Requirements
  – Provide Ground and Flight Test Evaluations of System / Elements

• Demonstration Criteria
  – Demonstrate Performance of NMD System Supported by Test & Evaluation Data

• Deployment Criteria
  – Readiness to Produce and Deploy Effective NMD System
    – Establish / Maintain Capability and Flexibility to Deploy in 3 years
    – Provide Detailed Planning to Produce and Deploy NMD System with 3 years of Deployment Decision

(Continued)

G. PREPARED BY: LTC CRAIG MAC ALLISTER    H. DATE: 18 MAR 98
I. APPROVED BY: A. L. AUSTIN, BMDO/DCTD    J. DATE: 18 MAR 98
CONTRACT DATA REQUIREMENTS LIST (Continuation Sheet)

A. CONTRACT LINE ITEM NO: 0002          B. EXHIBIT:  A
C. CATEGORY:  TDP___ TM___ OTHER___X___
D. SYSTEM/ITEM:  NMD LSI
E. CONTRACT/PR. NO:  HQ0006-98-C-0003     F. CONTRACTOR:  BOEING

1. DATA ITEM NO.:  A027
2. TITLE OF DATA ITEM:  Scientific and Technical Reports
3. SUBTITLE:  DRR Criteria and Metrics

Block 4: (Cont.)
- Deployment Criteria (Cont.)
  - Demonstrate Flexible Robust Design that Preserves ABM Treaty Compliant Architecture
  - Deployment Readiness Plans
  - Operational Sustainment Readiness Plans
- Operational Sustainment Readiness Plans Cost, Schedule and Risk for Deployment
  - Candidate Development / Deployment Trades
  - Plan to Evolve from Proposed C1 Deployment(s) to C2/C3 Capability

Blocks 8: DRR Criteria and Metrics shall be assumed to be approved by the Government unless the Contractor is notified in writing by the PCO within 30 calendar days after receipt.

Blocks: 10, 13: DRR Criteria and Metrics shall be prepared on an “ASREQ” basis. DRR Criteria and Metrics shall be submitted as least ANNUALLY and shall include CDRL A007, IMP Changes that result from changes in DRR Criteria and Metrics. In addition, IMP Changes that impact DRR Criteria and Metrics shall result in a revision

(End of A027)
CONTRACT DATA REQUIREMENTS LIST

A. CONTRACT LINE ITEM NO: 0002  
B. EXHIBIT: A
C. CATEGORY: TDP___ TM___ OTHER___X___  
D. SYSTEM/ITEM: NMD LSI
E. CONTRACT/PR. NO: HQ0006-98-C-0003  
F. CONTRACTOR: BOEING

1. DATA ITEM NO.: A028  
2. TITLE OF DATA ITEM: Scientific and Technical Reports  
3. SUBTITLE: System Acceptance and Turnover Plan  
4. AUTHORITY: (Data Acquisition Document No.): DI-MISC-80711/T  
5. CONTRACT REFERENCE: SOW para. 3.8.3
6. REQUIRING OFFICE:  
7. DD250 REQ: LT
8. APP CODE: A  
9. DISTRIBUTION STATEMENT REQUIRED: F
10. FREQUENCY: OTIME  
11. AS OF DATE: N/A
12. DATE OF FIRST SUBMISSION: DRR - 270D  
13. DATE OF SUBSEQUENT SUBMISSION: ASREQ
14. DISTRIBUTION and TOTAL COPIES: See Table A-1
15. REMARKS:

Block 4: The document will contain a detailed description of the Contractor’s plan for preparing the NMD LSI System for acceptance by the Government. It will describe all acceptance testing to be performed by the Contractor and the criteria for successful completion of the tests. The plan will contain a detailed listing of the acceptance data package to be provided to the Government when the system is delivered, i.e., DD250.

Block 8: Government review and approval (or disapproval) and comments will be provided within 45 days after receipt of each submittal. Submit final SATP within 30 days after receipt of Government comments.

G. PREPARED BY: LTC CRAIG MAC ALLISTER  
H. DATE: 18 MAR 97
I. APPROVED BY: A. L. AUSTIN, BMDO/DCTD  
J. DATE: 18 MAR 97
CONTRACT DATA REQUIREMENTS LIST

A. CONTRACT LINE ITEM NO: 0002     B. EXHIBIT: A
C. CATEGORY: TDP___ TM___ OTHER___ X___
D. SYSTEM/ITEM: NMD LSI
E. CONTRACT/PR. NO: HQ0006-98-C-0003     F. CONTRACTOR: BOEING

1. DATA ITEM NO.: A029
2. TITLE OF DATA ITEM: Scientific and Technical Reports
3. SUBTITLE: Operational Suitability Assessment Report
4. AUTHORITY: (Data Acquisition Document No.): DI-MISC-80711/T
5. CONTRACT REFERENCE: SOW para. 3.8.2
6. REQUIRING OFFICE:
7. DD250 REQ: LT
8. APP CODE: N/A
9. DISTRIBUTION STATEMENT REQUIRED: F
10. FREQUENCY: OTIME
11. AS OF DATE: N/A
12. DATE OF FIRST SUBMISSION: 120 DAC
13. DATE OF SUBSEQUENT SUBMISSION: ASREQ
14. DISTRIBUTION and 15. TOTAL COPIES: See Table A-1
16. REMARKS:

Block 4:
The document will contain the Contractor’s assessment of the operational suitability of the system at the time the report is submitted. The assessment shall consider availability, compatibility, transportability, interoperability, reliability, war time usage rates, testability, maintainability, safety, human factors, manpower supportability, logistics supportability, natural environmental effects and impacts, documentation, and training requirements. The Contractor shall use analysis, modeling, simulations and test data in making the assessment and shall provide rationale and supporting data for the assessment results.

G. PREPARED BY: LTC CRAIG MAC ALLISTER     H. DATE: 4 JUN 98
I. APPROVED BY: A. L. AUSTIN, BMDO/DCTD     J. DATE: 4 JUN 98
CONTRACT DATA REQUIREMENTS LIST

A. CONTRACT LINE ITEM NO: 0002  
B. EXHIBIT: A  
C. CATEGORY: TDP___ TM___ OTHER___ X___  
D. SYSTEM/ITEM: NMD LSI  
E. CONTRACT/PR. NO: HQ0006-98-C-0003  
F. CONTRACTOR: BOEING  

1. DATA ITEM NO.: A030  
2. TITLE OF DATA ITEM: Scientific and Technical Reports  
3. SUBTITLE: System Consolidated Facilities Requirement Document (FRD)  
4. AUTHORITY: (Data Acquisition Document No.): DI-MISC-80711/T  
5. CONTRACT REFERENCE: SOW para. 3.8.4  
6. REQUIRING OFFICE:  
7. DD250 REQ: LT  
8. APP CODE: A  
9. DISTRIBUTION STATEMENT REQUIRED: F  
10. FREQUENCY: 0TIME  
11. AS OF DATE: N/A  
12. DATE OF FIRST SUBMISSION: 120 DAC  
13. DATE OF SUBSEQUENT SUBMISSION: ASREQ  
14. DISTRIBUTION and TOTAL COPIES: See Table A-1  
15. REMARKS:  

Block 4:  
The Consolidated Facilities Requirements Document (FRD) defines the facility concepts and requirements for deployment and operations of the NMD System. It determines the facility functional requirements for the system and provides traceability to the system requirements. The information is to be used to support facilities planning, design and budgeting/programming.  
The FRD includes lists, design requirements and descriptions of all required facilities to support the NDM System and the Elements. It provides the descriptions for each facility required in terms of attributes or specified environments, which effect performance, design and/or cost.  
FRDs included:  
- Functional descriptions  
- General facility descriptions  
- Current DD Form 1391  

(Continued)  

G. PREPARED BY: LTC CRAIG MAC ALLISTER  
H. DATE: 18 MAR 98  
I. APPROVED BY: A. L. AUSTIN, BMDO/DCTD  
J. DATE: 18 MAR 98
CONTRACT DATA REQUIREMENTS LIST (Continuation Sheet)

A. CONTRACT LINE ITEM NO: 0002 B. EXHIBIT: A
C. CATEGORY: TDP___ TM___ OTHER___X___
D. SYSTEM/ITEM: NMD LSI
E. CONTRACT/PR. NO: HQ0006-98-C-0003 F. CONTRACTOR BOEING

1. DATA ITEM NO.: A030
2. TITLE OF DATA ITEM: Scientific and Technical Reports
3. SUBTITLE: System Consolidated Facilities Requirement Document (FRD)

Block 4: (Cont.)
FRDs included: (Cont.)
- Site plans, preliminary line drawings and facility specifications
- Utility and transportation requirements
- Construction contractor considerations and schedule requirements
- Security considerations

Block 8: Government review and approval (or disapproval) and comments will be provided within 45 days after receipt of each submittal. Submit final FRD within 30 days after receipt of Government comments.

(End of A030)
CONTRACT DATA REQUIREMENTS LIST

A. CONTRACT LINE ITEM NO: 0002  B. EXHIBIT: A
C. CATEGORY: TDP___ TM___ OTHER___X___
D. SYSTEM/ITEM: NMD LSI
E. CONTRACT/PR. NO: HQ0006-98-C-0003  F. CONTRACTOR: BOEING

1. DATA ITEM NO.: A031
2. TITLE OF DATA ITEM: Scientific and Technical Reports
3. SUBTITLE: Integrated Deployment Plan (IDP)
4. AUTHORITY: (Data Acquisition Document No.): DI-MISC-80711/T
5. CONTRACT REFERENCE: SOW para. 3.3.6, 3.4.6, 3.5.5, 3.6.9, 3.8.3
6. REQUIRING OFFICE: BMDO/JNP
7. DD250 REQ: LT
8. APP CODE: A
9. DISTRIBUTION STATEMENT REQUIRED: F
10. FREQUENCY: OTIME
11. AS OF DATE: N/A
12. DATE OF FIRST SUBMISSION: 30 Days prior to SPDR
13. DATE OF SUBSEQUENT SUBMISSION: ASREQ
14. DISTRIBUTION and TOTAL COPIES: See Table A-1
15. REMARKS:

Block 4:
The NMD Integrated Deployment Plan (IDP) will provide a managerial overview of the actions and activities required to plan for and execute deployment of an initial capability in support of the system identified in the Capability 1 (C1), support the Deployment Readiness Review and execute deployment of the NMD System.

The IDP will be the overarching plan to deploy a system capable of performing the defined mission in the operational environment as identified by the user. The plan will accomplish the following:

- Identify system-level deployment planning, plan requirements, and activities.
- Identify deployment planning and execution roles and responsibilities
- Identify required agreements between various agencies.

(Continued)

G. PREPARED BY: LTC CRAIG MAC ALLISTER  H. DATE: 26 JAN 99
I. APPROVED BY: A. L. AUSTIN, BMDO/DCTD  J. DATE: 26 JAN 99
CONTRACT DATA REQUIREMENTS LIST  (Continuation Sheet)

A. CONTRACT LINE ITEM NO:  0002  B. EXHIBIT:  A
C. CATEGORY:  TDP___ TM___ OTHER___X___
D. SYSTEM/ITEM:  NMD LSI
E. CONTRACT/PR. NO:  HQ0006-98-C-0003  F. CONTRACTOR:  BOEING

1. DATA ITEM NO.:  A031
2. TITLE OF DATA ITEM:  Scientific and Technical Reports
3. SUBTITLE:  Integrated Deployment Plan (IDP)

Block 4:  (Cont.)
   • Identify deployment planning requirements, implementation constraints, and deploy-
     ment status across all phases of the NMD Program:

      Identify deployment planning and site activation schedule requirements

      Provide a roadmap to the plans and schedules required and being developed to
      execute the deployment tasks and activities.

      Facilitate identification of deployment concerns and incorporation of those con-
      cerns into the development phase.

      Identify required deployment milestones to include those to support production
      and manufacturing planning.

      Ensure user needs and requirements are incorporated into deployment plan-
      ning.

      Contain the system-level execution planning for deployment, if directed to do so
      in the FY00 Deployment Readiness Review.

      Develop assessment criteria for deployment planning readiness.

Block 8:  Government review and approval (or disapproval) and comments will be pro-
vided within 45 days after receipt of each submittal. Submit final IDP within 30 days after
receipt of Government comments.

(End of A031)
CONTRACT DATA REQUIREMENTS LIST

A. CONTRACT LINE ITEM NO: 0002  B. EXHIBIT: A
C. CATEGORY: TDP___ TM___ OTHER___X___
D. SYSTEM/ITEM: NMD LSI
E. CONTRACT/PR. NO: HQ0006-98-C-0003  F. CONTRACTOR: BOEING

1. DATA ITEM NO.: A032
2. TITLE OF DATA ITEM: Site Preparation Requirements and Installation Plan
3. SUBTITLE: Capstone Site Activation Plan (CSAP)
4. AUTHORITY: (Data Acquisition Document No.): DI-MISC-80711/T
5. CONTRACT REFERENCE: SOW para. 3.3.6, 3.4.6, 3.5.5, 3.6.9, 3.8.3
6. REQUIRING OFFICE: BMDO/JNP
7. DD250 REQ: LT
8. APP CODE: A
9. DISTRIBUTION STATEMENT REQUIRED: F
10. FREQUENCY: OTIME
11. AS OF DATE: N/A
12. DATE OF FIRST SUBMISSION: PDR 30CD
13. DATE OF SUBSEQUENT SUBMISSION: ASREQ
14. DISTRIBUTION and TOTAL COPIES: See Table A-1
15. REMARKS:

   Block 4: The CSAP shall be organized into volumes and its contents shall be essentially as specified in the document entitled Documentation Tree for the Capstone Site Activation Plan, dated October 4, 1996 (Document prepared by TRW Inc., under contract number HQ0006-95-C-0018, and provided to LSI Contractor as part of Request for Proposal Library documentation.) CSAP content related to NMD sites will use current sites rather than those anticipated in 1996.

   Block 8: Government review and approval (or disapproval) and comments will be provided within 45 days after receipt of each submittal. Submit final CASP within 30 days after receipt of Government comments.

G. PREPARED BY: HANS PITTNER  H. DATE: 7 MAY 99
I. APPROVED BY: ROY HUFFMAN  J. DATE: 7 MAY 99
# CONTRACT DATA REQUIREMENTS LIST

A. CONTRACT LINE ITEM NO: 0002  
B. EXHIBIT: A  
C. CATEGORY: TDP___ TM___ OTHER___X__  
D. SYSTEM/ITEM: NMD LSI  
E. CONTRACT/PR. NO: HQ0006-98-C-0003  
F. CONTRACTOR: BOEING  

1. DATA ITEM NO.: A033  
2. TITLE OF DATA ITEM: Integrated Logistics Support Plan  
3. SUBTITLE: Integrated Logistics Support Plan (ILSP) - Update  
4. AUTHORITY: (Data Acquisition Document No.): DI-ILSS-80095  
5. CONTRACT REFERENCE: SOW para. 3.3.6, 3.8.3  
6. REQUIRING OFFICE:  
7. DD250 REQ: LT  
8. APP CODE: A  
9. DISTRIBUTION STATEMENT REQUIRED: F  
10. FREQUENCY: OTIME  
11. AS OF DATE: N/A  
12. DATE OF FIRST SUBMISSION: 90 DAC  
13. DATE OF SUBSEQUENT SUBMISSION: ASREQ  
14. DISTRIBUTION and TOTAL COPIES: See Table A-1  
15. REMARKS:  

**Block 4:**  
Contractor shall use DI-ILSS-80095 as a guide.  

**Block 8:** Government review and approval (or disapproval) and comments will be provided within 45 days after receipt of each submittal. Submit final ILSP-Update within 30 days after receipt of Government comments.

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G. PREPARED BY: LTC CRAIG MAC ALLISTER  
H. DATE: 18 MAR 98  
I. APPROVED BY: A. L. AUSTIN, BMDO/DCTD  
J. DATE: 18 MAR 98
CONTRACT DATA REQUIREMENTS LIST

A. CONTRACT LINE ITEM NO: 0002  B. EXHIBIT: A
C. CATEGORY: TDP___ TM___ OTHER___X___
D. SYSTEM/ITEM: NMD LSI
E. CONTRACT/PR. NO: HQ0006-98-C-0003  F. CONTRACTOR: BOEING

1. DATA ITEM NO.: A034
2. TITLE OF DATA ITEM: Scientific and Technical Reports
3. SUBTITLE: NMD System Training Plan (STP)
4. AUTHORITY: (Data Acquisition Document No.): DI-MISC-80711/T
5. CONTRACT REFERENCE: SOW para. 3.8.3
6. REQUIRING OFFICE:
7. DD250 REQ: LT
8. APP CODE: A
9. DISTRIBUTION STATEMENT REQUIRED: F
10. FREQUENCY: OTIME
11. AS OF DATE: N/A
12. DATE OF FIRST SUBMISSION: SPDR -60CD
13. DATE OF SUBSEQUENT SUBMISSION: ASREQ
14. DISTRIBUTION and TOTAL COPIES: See Table A-1
15. REMARKS:

Block 4:
The document shall contain the Contractor’s plans for preparing for and conducting training of Government personnel on the NMD System through all phases of the program. It shall include identification of training courses to be conducted, training material to be developed for the courses, training equipment to be provided, and training facility requirements. It shall identify the roles of the Contractor and the Government in all training activities as well as detail schedules.

Block 8: Government review and approval (or disapproval) and comments will be provided within 45 days after receipt of each submittal. Submit final STP within 30 days after receipt of Government comments.

G. PREPARED BY: LTC CRAIG MAC ALLISTER  H. DATE: 18 MAR 98
I. APPROVED BY: A. L. AUSTIN, BMDO/DCTD  J. DATE: 18 MAR 98
CONTRACT DATA REQUIREMENTS LIST

A. CONTRACT LINE ITEM NO: 0002  B. EXHIBIT: A
C. CATEGORY: TDP___ TM___ OTHER___X___
D. SYSTEM/ITEM: NMD LSI
E. CONTRACT/PR. NO: HQ0006-98-C-0003  F. CONTRACTOR: BOEING

1. DATA ITEM NO.: A035
2. TITLE OF DATA ITEM:
3. SUBTITLE: Safety Assessment Report (SAR) / Hazard Tracking System (HTS)
4. AUTHORITY: (Data Acquisition Document No.): DI-MISC-80711/T
5. CONTRACT REFERENCE: SOW para. 3.7.2
6. REQUIRING OFFICE:
7. DD250 REQ: LT
8. APP CODE: A
9. DISTRIBUTION STATEMENT REQUIRED: F
10. FREQUENCY: OTIME
11. AS OF DATE: ASREQ
12. DATE OF FIRST SUBMISSION: See Block 16
13. DATE OF SUBSEQUENT SUBMISSION: See Block 16
14. DISTRIBUTION and TOTAL COPIES: See Table A-1
16. REMARKS:

Block 4:
Add paragraph 10.4. Document content will address potential hazards associated with physical and personnel safety, environmental pollution or hazardous materials and waste, and personal health, risk assessments and hazards prioritization, and the databases used to identify, track, and minimize the aforementioned hazards associated with each system test(s).

Block 8: Government review and approval (or disapproval) and comments will be provided within 45 days after receipt of each submittal. Submit final SAR/HTS within 30 days after receipt of Government comments.

Blocks 12 and 13: Submit first submission at SFR. Second submission shall be three weeks prior to SPDR. Subsequent deliveries shall be delivered 30 days prior to Milestones (for example: DRR, ISPV). Subsequent deliveries shall not exceed three releases per calendar year.

G. PREPARED BY: LT COL MUN KWON  H. DATE: P00047
I. APPROVED BY: MR MIKE WALLACE BMDO/RMC  J. DATE: P00047
CONTRACT DATA REQUIREMENTS LIST

A. CONTRACT LINE ITEM NO: 0002
B. EXHIBIT: A
C. CATEGORY: TDP_____ TM_____ OTHER__X__
D. SYSTEM/ITEM: NMD LSI
E. CONTRACT/PR. NO: HQ0006-98-C-0003
F. CONTRACTOR: BOEING

1. DATA ITEM NO.: A036
2. TITLE OF DATA ITEM: Scientific and Technical Reports
3. SUBTITLE: Range Safety Data Package
4. AUTHORITY: (Data Acquisition Document No.): DI-MISC-80711/T
5. CONTRACT REFERENCE: SOW para. 3.7.2
6. REQUIRING OFFICE:
7. DD250 REQ: LT
8. APP CODE: AD
9. DISTRIBUTION STATEMENT REQUIRED: F
10. FREQUENCY: ASREQ
11. AS OF DATE: N/A
12. DATE OF FIRST SUBMISSION: At SFR
13. DATE OF SUBSEQUENT SUBMISSION: Draft copy 5 months prior to each test as required. Final copy 3 months prior to each test as required.

14. DISTRIBUTION and 15. TOTAL COPIES: See Table A-1
16. REMARKS:

Block 4:
Add paragraph 10.4. This document will address all potential safety hazards associated with preparing and conducting flight test operations at VAFB and USAKA, and the precautions taken, consistent with operational requirements, to protect mission objectives, prevent injury to local, permanent and transient Contractor/Government personnel, minimize damage to property, and preclude the advent of an international incident.

New paragraph 10.5. Document will include:
- Terminal and/or launch area hazard analyses associated with incoming re-entry vehicles (e.g., debris from booster stages post-boost vehicles, etc., probably of impact, debris dispersal; ground safety missile buildup, transport, and associated ground handling procedures.
- Local launch hazard analyses associated with a missile containing a Flight Termination System (FTS) Contractor Furnished. Consisting of the following:
  - Hazard area (debris corridor) clearances, range tracking and missile Inertial Nav System (INS) (or GNC) data to estimate missile deviation footprint.

(Continued)

G. PREPARED BY: LT COL MUN KWON
H. DATE: P00047
I. APPROVED BY: MR MIKE WALLACE BMDO/RMC
J. DATE: P00047
CONTRACT DATA REQUIREMENTS LIST (Continuation Sheet)

A. CONTRACT LINE ITEM NO: 0002  B. EXHIBIT: A
C. CATEGORY: TDP___ TM___ OTHER___ X ___
D. SYSTEM/ITEM: NMD LSI
E. CONTRACT/PR. NO: HQ0006-98-C-0003  F. CONTRACTOR: BOEING

1. DATA ITEM NO.: A036
2. TITLE OF DATA ITEM: Scientific and Technical Reports
3. SUBTITLE: Range Safety Data Package

Block 4: (Cont.)
− Hazard area analyses associated with local launch operations. Hazard operations include:
  − Booster/payload/assy, transport and handling at USAKA and Target Vehicle Assembly, transport and handling at VAFB.
  − WS/launch cell mech, Elec. Ops. at USAKA
  − WS/USAKA integration testing.
− Booster/payload mating & C/O:
  − Payload (EKV) propellant and gases pressurization.
  − Ordnance transport, handling and installation.
  − Electrical c/o of ordnance after installation.
− Identification of hazardous systems:
  − Booster (Net Explosive Weight of TNT, explosives classification).
  − P/L (EKV) Propellant and gas pressurized vessels, explosive devices (FTS and separation system), radioactive/toxic chemicals/materials.
  − GSE (TBD)

(End of A036)
CONTRACT DATA REQUIREMENTS LIST

A. CONTRACT LINE ITEM NO: 0002  
B. EXHIBIT: A
C. CATEGORY: TDP___ TM___ OTHER___X___
D. SYSTEM/ITEM: NMD LSI
E. CONTRACT/PR. NO: HQ0006-98-C-0003  
F. CONTRACTOR: BOEING

1. DATA ITEM NO.: A037
2. TITLE OF DATA ITEM: Scientific and Technical Reports
3. SUBTITLE: Technical Reports
4. AUTHORITY: (Data Acquisition Document No.): DI-MISC-80711/T
5. CONTRACT REFERENCE: SOW para.3.2.2, 3.3.2, 3.4.2, 3.5.2, 3.6.1, 3.8.2
6. REQUIRING OFFICE:
7. DD250 REQ: LT
8. APP CODE: N/A
9. DISTRIBUTION STATEMENT REQUIRED: F
10. FREQUENCY: See Block 16
11. AS OF DATE: See Block 16
12. DATE OF FIRST SUBMISSION: See Block 16
13. DATE OF SUBSEQUENT SUBMISSION: See Block 16
14. DISTRIBUTION and TOTAL COPIES: See Table A-1
15. REMARKS:

Block 4:
This CDRL item shall contain formal documentation of technical information. Contractor format is acceptable.

Blocks 12 and 13: Specific submittal requirements for these reports will be determined as part of on-going IPT activity.

G. PREPARED BY: LTC CRAIG MAC ALLISTER  
H. DATE: 18 MAR 98
I. APPROVED BY: A. L. AUSTIN, BMDO/DCTD  
J. DATE: 18 MAR 98
A. CONTRACT LINE ITEM NO:  0002
B. EXHIBIT:  A
C. CATEGORY:  TDP___ TM___ OTHER___X___
D. SYSTEM/ITEM:  NMD LSI
E. CONTRACT/PR. NO:  HQ0006-98-C-0003
F. CONTRACTOR:  BOEING

1. DATA ITEM NO.:  A038
2. TITLE OF DATA ITEM:  Contractor’s Management Plan
3. SUBTITLE:  NMD Configuration Management Plan
4. AUTHORITY:  (Data Acquisition Document No.):  DI-CMAN-80858A/T
5. CONTRACT REFERENCE:  SOW para.3.2.7, 3.3.2, 3.4.2, 3.5.2, 3.6.2
6. REQUIRING OFFICE:
7. DD250 REQ:  LT
8. APP CODE:  N/A
9. DISTRIBUTION STATEMENT REQUIRED:  F
10. FREQUENCY:  OTIME
11. AS OF DATE:  ASREQ
12. DATE OF FIRST SUBMISSION:  SFR - 15 days
13. DATE OF SUBSEQUENT SUBMISSION:  ASREQ
14. DISTRIBUTION and TOTAL COPIES:  See Table A-1
15. REMARKS:

Block 4:
7.1 Change to read as follows:
This DID contains the format, content, and preparation instructions for a data item resulting from work tasks described in EIA/IS 649.

10.2 Format and Content.  Change to read as follows:
The Contractor’s Configuration Management Plan format and content shall be in accordance with EIA/IS 649.

G. PREPARED BY:  LTC CRAIG MAC ALLISTER  H. DATE:  18 MAR 98
I. APPROVED BY:  A. L. AUSTIN, BMDO/DCTD  J. DATE:  18 MAR 98
CONTRACT DATA REQUIREMENTS LIST

A. CONTRACT LINE ITEM NO: 0002  B. EXHIBIT: A
C. CATEGORY: TDP___ TM___ OTHER___X
D. SYSTEM/ITEM: NMD LSI
E. CONTRACT/PR. NO: HQ0006-98-C-0003  F. CONTRACTOR: BOEING

1. DATA ITEM NO.: A039
2. TITLE OF DATA ITEM: Scientific and Technical Reports
3. SUBTITLE: System Behavior Analysis Report
4. AUTHORITY: (Data Acquisition Document No.): DI-MISC-80711/T
5. CONTRACT REFERENCE: SOW para. 3.2.10
6. REQUIRING OFFICE:
7. DD250 REQ: LT
8. APP CODE: N/A
9. DISTRIBUTION STATEMENT REQUIRED: F
10. FREQUENCY: See Block 16
11. AS OF DATE: ASREQ
12. DATE OF FIRST SUBMISSION: See Block 16
13. DATE OF SUBSEQUENT SUBMISSION: See Block 16
14. DISTRIBUTION and TOTAL COPIES: See Table A-1
16. REMARKS:

Block 4:
10.2 Change to read as follows: Document shall be in accordance with Contractor format. Add the following: Contents of report shall:

   Identify/Document results of Behavior Verification for BMC3 upgrades/modifications to BMC3 elements
   − Compared to Baseline BMC3 Behavior
   − Compared to BMC3 Requirements

Block 10: Report verification of changes following each upgrade/modification to BMC3 Element of NMD System.

Blocks 12, 13: Within 30 Days following completion of each incremental upgrade to BMC3 Element.

G. PREPARED BY: LTC CRAIG MAC ALLISTER  H. DATE: 18 MAR 98
I. APPROVED BY: A. L. AUSTIN, BMDO/DCTD  J. DATE: 18 MAR 98
**CONTRACT DATA REQUIREMENTS LIST**

A. CONTRACT LINE ITEM NO: 0002
B. EXHIBIT: A
C. CATEGORY: TDP___ TM___ OTHER___ X___
D. SYSTEM/ITEM: NMD LSI
E. CONTRACT/PR. NO: HQ0006-98-C-0003
F. CONTRACTOR: BOEING

1. DATA ITEM NO.: A040
2. TITLE OF DATA ITEM: Scientific and Technical Reports
3. SUBTITLE: Information Architecture Status Report
4. AUTHORITY: (Data Acquisition Document No.): DI-MISC-80711/T
5. CONTRACT REFERENCE: SOW para. 3.2.10
6. REQUIRING OFFICE:
7. DD250 REQ: LT
8. APP CODE: N/A
9. DISTRIBUTION STATEMENT REQUIRED: F
10. FREQUENCY: OTIME/R
11. AS OF DATE: ASREQ
12. DATE OF FIRST SUBMISSION: AT DRR
13. DATE OF SUBSEQUENT SUBMISSION: N/A
14. DISTRIBUTION and TOTAL COPIES: See Table A-1
15. REMARKS:

**Block 4:**

10 Preparation instructions.

This CDRL documents the status of the Information Architecture at the end of the CLIN and delivers a complete version of the Information Architecture Model.

10.2 Change to read as follows: Report will be prepared in contractor format and submitted as electronic files via zip disk.

10.3 Change to read as follows: This report shall contain three electronic files:

10.3.1 A complete up-to-date version of the Information Architecture Model.
10.3.2 A file containing a detailed description of the functions of the Information Architecture and its interfaces with other elements/systems.
10.3.3 A File containing a complete dictionary of terms and definitions used in the Information Architecture.

G. PREPARED BY: LTC CRAIG MAC ALLISTER
H. DATE: 18 MAR 98
I. APPROVED BY: A. L. AUSTIN, BMDO/DCTD
J. DATE: 18 MAR 98
CONTRACT DATA REQUIREMENTS LIST

A. CONTRACT LINE ITEM NO: 0002    B. EXHIBIT: A
C. CATEGORY: TDP___ TM___ OTHER___X___
D. SYSTEM/ITEM: NMD LSI
E. CONTRACT/PR. NO: HQ0006-98-C-0003    F. CONTRACTOR: BOEING

1. DATA ITEM NO.: A041
2. TITLE OF DATA ITEM: Verification, Demonstration and Evaluation Plan
3. SUBTITLE: NMD System Verification Plan
4. AUTHORITY: (Data Acquisition Document No.): DI-MNTY-81188
5. CONTRACT REFERENCE: SOW para. 3.2.4
6. REQUIRING OFFICE: N/A
7. DD250 REQ: LT
8. APP CODE: N/A
9. DISTRIBUTION STATEMENT REQUIRED: F
10. FREQUENCY: OTIME
11. AS OF DATE: ASREQ
12. DATE OF FIRST SUBMISSION: SFR - 15 days
13. DATE OF SUBSEQUENT SUBMISSION: ASREQ
14. DISTRIBUTION and TOTAL COPIES: See Table A-1
15. REMARKS:
Block 4:
10.1 Delete “Demonstration and Evaluations”.
10.2 Content. Delete and insert the following:
The Verification Plan shall describe, at the system level, how system requirements will be verified through testing, simulation and analysis. It shall include top level schedules, descriptions of test facilities and equipment, and overall planning approach.

G. PREPARED BY: LTC CRAIG MAC ALLISTER    H. DATE: 18 MAR 98
I. APPROVED BY: A. L. AUSTIN, BMDO/DCTD    J. DATE: 18 MAR 98
## CONTRACT DATA REQUIREMENTS LIST

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<td>A. CONTRACT LINE ITEM NO:</td>
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<td>B. EXHIBIT:</td>
<td><strong>A</strong></td>
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<td>C. CATEGORY:</td>
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<td>D. SYSTEM/ITEM:</td>
<td><strong>NMD LSI</strong></td>
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<tr>
<td>E. CONTRACT/PR. NO:</td>
<td><strong>HQ0006-98-C-0003</strong></td>
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<tr>
<td>F. CONTRACTOR:</td>
<td><strong>BOEING</strong></td>
</tr>
</tbody>
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1. **DATA ITEM NO.:** **A042**
2. **TITLE OF DATA ITEM:** *Scientific and Technical Reports*
3. **SUBTITLE:** *Universal Documentation System Inputs*
4. **AUTHORITY:** *(Data Acquisition Document No.): DI-MISC-80711/T *
5. **CONTRACT REFERENCE:** **SOW para. 3.7.3**
6. **REQUIRING OFFICE:** **SOW para. 3.7.3**
7. **DD250 REQ:** **LT**
8. **APP CODE:** **A**
9. **DISTRIBUTION STATEMENT REQUIRED:** **F**
10. **FREQUENCY:** **See Block 16**
11. **AS OF DATE:** **ASREQ**
12. **DATE OF FIRST SUBMISSION:** **See Block 16**
13. **DATE OF SUBSEQUENT SUBMISSION:** **See Block 16**
14. **DISTRIBUTION and TOTAL COPIES:** **See Table A-1**
15. **REMARKS:**
   **Block 4:**
   **10 Preparation Instructions.**
   This CDRL covers the PI, PRD, and OR Documents as defined in RCC Document 501.97. The necessary updates will be generated using the format instructions contained in RCC Document 501-97 or as established by existing versions of NMD UDS documents. **Content.** Content shall be as prescribed in RCC Document 501.97.

**Block 16:** UDS Inputs shall be submitted IAW as required IAW schedule guidelines in Para. 3.4 of RCC Document 501-97 and as required for KMR and other Test Facilities for Government approval.

**Block 8:** Government review and approval (or disapproval) and comments will be provided within 45 days after receipt of each submittal. Submit final UDSI within 30 days after receipt of Government comments.

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<td><strong>LTC CRAIG MAC ALLISTER</strong></td>
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<tr>
<td>H. DATE:</td>
<td><strong>18 MAR 98</strong></td>
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<tr>
<td>I. APPROVED BY:</td>
<td><strong>A. L. AUSTIN, BMDO/DCTD</strong></td>
</tr>
<tr>
<td>J. DATE:</td>
<td><strong>18 MAR 98</strong></td>
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</table>
CONTRACT DATA REQUIREMENTS LIST

A. CONTRACT LINE ITEM NO: 0002   B. EXHIBIT: A
C. CATEGORY: TDP___ TM___ OTHER___X___
D. SYSTEM/ITEM: NMD LSI
E. CONTRACT/PR. NO: HQ0006-98-C-0003   F. CONTRACTOR: BOEING

1. DATA ITEM NO.: A043
2. TITLE OF DATA ITEM: Scientific and Technical Reports
3. SUBTITLE: Kill Vehicle Down Select Plan
4. AUTHORITY: (Data Acquisition Document No.): DI-MISC-80711/T
5. CONTRACT REFERENCE: SOW para. 3.3.1
6. REQUIRING OFFICE:
7. DD250 REQ: LT
8. APP CODE: N/A
9. DISTRIBUTION STATEMENT REQUIRED: F
10. FREQUENCY: OTIME
11. AS OF DATE: ASREQ
12. DATE OF FIRST SUBMISSION: 60 DAC
13. DATE OF SUBSEQUENT SUBMISSION: ASREQ
14. DISTRIBUTION and TOTAL COPIES: See Table A-1
15. REMARKS:

Block 4:

10. Preparation Instructions. The report shall provide an update of the KV downselect plan generated during the NMD LSI Concept Definition (CD) phase contract and submitted as part of the CDRL B002. The report shall document changes identified since the original plan submittal and provide additional implementation detail. The detail shall be adequate for monitoring and approval of the downselect process and program.

10.3 Content.

- Overview
- Downselect Mechanisms
- Downselect timing & Recommendations
- Management Approach
- Source Selection Criteria & Weighting
- Downselect Data Package

G. PREPARED BY: LTC CRAIG MAC ALLISTER   H. DATE: 18 MAR 98
I. APPROVED BY: A. L. AUSTIN, BMDO/DCTD   J. DATE: 18 MAR 98
CONTRACT DATA REQUIREMENTS LIST

A. CONTRACT LINE ITEM NO: 0002  
B. EXHIBIT: A  
C. CATEGORY: TDP__ TM__ OTHER__X__  
D. SYSTEM/ITEM: NMD LSI  
E. CONTRACT/PR. NO: HQ0006-98-C-0003  
F. CONTRACTOR: BOEING  

1. DATA ITEM NO.: A044  
2. TITLE OF DATA ITEM: Scientific and Technical Reports  
3. SUBTITLE: Initial Sustainment Plan  
4. AUTHORITY: (Data Acquisition Document No.): DI-MISC-80711/T  
5. CONTRACT REFERENCE: SOW para. 3.8.3  
6. REQUIRING OFFICE: BMDO/JNP  
7. DD250 REQ: LT  
8. APP CODE: A  
9. DISTRIBUTION STATEMENT REQUIRED: F  
10. FREQUENCY: OTIME  
11. AS OF DATE: N/A  
12. DATE OF FIRST SUBMISSION: DRR -30CD  
13. DATE OF SUBSEQUENT SUBMISSION: ASREQ  
14. DISTRIBUTION and TOTAL COPIES: See Table A-1  
15. REMARKS:  

Block 4:  
This initial draft document shall describe the Contractor’s plan for providing initial sustainment of the NMD System at all sites. It shall detail all sustainment support to be provided by the Contractor (and subcontractors) including support services (logistics and maintenance), spares and repair parts, depot support, training, documentation, software support, sustaining engineering and such other support and services as may be required under the terms of the contract. The information to be provided must be sufficient to assure the Government that the NMD System can be maintained at the required levels of readiness with the planned level of support.  

Block 8: Government review and approval (or disapproval) and comments will be provided within 45 days after receipt of each submittal. Submit final Initial Sustainment Plan within 30 days after receipt of Government comments.  

G. PREPARED BY: LT COL MUN KWON  
H. DATE: P00047  
I. APPROVED BY: MR MIKE WALLACE BMDO/RMC  
J. DATE: P00047
CONTRACT DATA REQUIREMENTS LIST

A. CONTRACT LINE ITEM NO: 0002
B. EXHIBIT: A
C. CATEGORY: TDP___ TM___ OTHER___X___
D. SYSTEM/ITEM: NMD LSI
E. CONTRACT/PR. NO: HQ0006-98-C-0003
F. CONTRACTOR: BOEING

1. DATA ITEM NO.: A045
2. TITLE OF DATA ITEM: Test Plan
3. SUBTITLE: Weapon System Test Plan
4. AUTHORITY: (Data Acquisition Document No.): DI-NDTI-80566/T
5. CONTRACT REFERENCE: SOW para. 3.3.5
6. REQUIRING OFFICE: GBI EPM
7. DD250 REQ: LT
8. APP CODE: N/A
9. DISTRIBUTION STATEMENT REQUIRED: F
10. FREQUENCY: ONE/R
11. AS OF DATE: ASREQ
12. DATE OF FIRST SUBMISSION: 180 Days after ATP
13. DATE OF SUBSEQUENT SUBMISSION: See Block 16
14. DISTRIBUTION and TOTAL COPIES: See Table A-1
15. REMARKS:

Block 4:

10.3.1a Change to read as follows:
“Title of the test program to be conducted.”

Block 16: Submit revised Weapon System Test Plan by 1999 APR 06 (already submitted).
Additional submissions ASREQ.

G. PREPARED BY: HANS PITTNER
H. DATE: 12 APR 99
I. APPROVED BY: ROY G. HUFFMAN
J. DATE: 12 APR 99
CONTRACT DATA REQUIREMENTS LIST

A. CONTRACT LINE ITEM NO: **0002**
   B. EXHIBIT: **A**
   C. CATEGORY: **TDP** ___ **TM** ___ **OTHER** ___ **X**
   D. SYSTEM/ITEM: **NMD LSI**
   E. CONTRACT/PR. NO: **HQ0006-98-C-0003**
   F. CONTRACTOR: **BOEING**

1. DATA ITEM NO.: **A046**
2. TITLE OF DATA ITEM: **Software Development Plan (SDP)**
3. SUBTITLE: **Weapon System Software Development Plan (SDP)**
4. AUTHORITY: *(Data Acquisition Document No.):** **DI-IPSC-81427**
5. CONTRACT REFERENCE: **SOW para. 3.3.2**
6. REQUIRING OFFICE:
7. DD250 REQ: **LT**
8. APP CODE: **N/A**
9. DISTRIBUTION STATEMENT REQUIRED: **F**
10. FREQUENCY: **ONE/R**
11. AS OF DATE: **ASREQ**
12. DATE OF FIRST SUBMISSION: **60 DAC**
13. DATE OF SUBSEQUENT SUBMISSION: **ASREQ**
14. DISTRIBUTION and 15. TOTAL COPIES: **See Table A-1**
16. REMARKS:

G. PREPARED BY: **LTC CRAIG MAC ALLISTER**
   H. DATE: **18 MAR 98**
I. APPROVED BY: **A. L. AUSTIN, BMDO/DCTD**
   J. DATE: **18 MAR 98**
CONTRACT DATA REQUIREMENTS LIST

A. CONTRACT LINE ITEM NO: 0002       B. EXHIBIT: A
C. CATEGORY: TDP___ TM___ OTHER___X___
D. SYSTEM/ITEM: NMD LSI
E. CONTRACT/PR. NO: HQ0006-98-C-0003       F. CONTRACTOR: BOEING

1. DATA ITEM NO.: A047
2. TITLE OF DATA ITEM: Test Plan
3. SUBTITLE: Weapon System Verification Plan
4. AUTHORITY: (Data Acquisition Document No.): DI-NDTI-80566/T
5. CONTRACT REFERENCE: SOW para. 3.3.2
6. REQUIRING OFFICE:
7. DD250 REQ: LT
8. APP CODE: N/A
9. DISTRIBUTION STATEMENT REQUIRED: F
10. FREQUENCY: ONE/T
11. AS OF DATE: RASR
12. DATE OF FIRST SUBMISSION: 180 Days after ATP
13. DATE OF SUBSEQUENT SUBMISSION: ASREQ
14. DISTRIBUTION and TOTAL COPIES: See Table A-1
15. REMARKS:
   Block 4:
   Change “test” to “verification”.
   Verification is defined as demonstration, analyses (including math models and simulations) and inspections.

G. PREPARED BY: LTC CRAIG MAC ALLISTER       H. DATE: 18 MAR 98
I. APPROVED BY: A. L. AUSTIN, BMDO/DCTD       J. DATE: 18 MAR 98
CONTRACT DATA REQUIREMENTS LIST

A. CONTRACT LINE ITEM NO: 0002  
B. EXHIBIT: A  
C. CATEGORY: TDP___ TM___ OTHER___X___  
D. SYSTEM/ITEM: NMD LSI  
E. CONTRACT/PR. NO: HQ0006-98-C-0003  
F. CONTRACTOR: BOEING  

1. DATA ITEM NO.: A048  
2. TITLE OF DATA ITEM: System/Subsystem Specification (SSS)  
3. SUBTITLE: BMC3 Element Level A Specification  
4. AUTHORITY: (Data Acquisition Document No.): DI-IPSC-81431/T  
5. CONTRACT REFERENCE: SOW para. 3.2.3, 3.6.2  
6. REQUIRING OFFICE: BMDO/JNE  
7. DD250 REQ: LT  
8. APP CODE: N/A  
9. DISTRIBUTION STATEMENT REQUIRED: F  
10. FREQUENCY: See Block 16  
11. AS OF DATE: ASREQ  
12. DATE OF FIRST SUBMISSION: See Block 16  
13. DATE OF SUBSEQUENT SUBMISSION: See Block 16  
14. DISTRIBUTION and 15. TOTAL COPIES: See Table A-1  
15. REMARKS:  

Block 4:  
Add Format - Contractor format is acceptable  

CONTRACT DATA REQUIREMENTS LIST

A. CONTRACT LINE ITEM NO: 0002  B. EXHIBIT: A
C. CATEGORY: TDP___ TM___ OTHER___X___
D. SYSTEM/ITEM: NMD LSI
E. CONTRACT/PR. NO: HQ0006-98-C-0003  F. CONTRACTOR: BOEING

1. DATA ITEM NO.: A049
2. TITLE OF DATA ITEM: Software Development Plan
3. SUBTITLE: BMC3 Software Development Plan (SDP)
4. AUTHORITY: (Data Acquisition Document No.): DI-IPSC-81427/T
5. CONTRACT REFERENCE: SOW para. 3.6.2
6. REQUIRING OFFICE: BMDO/JNB
7. DD250 REQ: LT
8. APP CODE: N/A
9. DISTRIBUTION STATEMENT REQUIRED: F
10. FREQUENCY: ONE/R
11. AS OF DATE: ASREQ
12. DATE OF FIRST SUBMISSION: AT PDR
13. DATE OF SUBSEQUENT SUBMISSION: ASREQ
14. DISTRIBUTION and TOTAL COPIES: See Table A-1
15. REMARKS:

Block 4:
Preparation Instructions: Plan shall be prepared in Contractor format.

G. PREPARED BY: LTC CRAIG MAC ALLISTER  H. DATE: 15 SEP 98
I. APPROVED BY: A. L. AUSTIN, BMDO/DCTD  J. DATE: 15 SEP 98
CONTRACT DATA REQUIREMENTS LIST

A. CONTRACT LINE ITEM NO: 0002  B. EXHIBIT: A
C. CATEGORY: TDP___ TM___ OTHER___X__
D. SYSTEM/ITEM: NMD LSI
E. CONTRACT/PR. NO: HQ0006-98-C-0003  F. CONTRACTOR: BOEING

1. DATA ITEM NO.: A050
2. TITLE OF DATA ITEM: Test Plan
3. SUBTITLE: BMC3 Test Plan
4. AUTHORITY: (Data Acquisition Document No.): DI-NDTI-80566/T
5. CONTRACT REFERENCE: SOW para. 3.6.8
6. REQUIRING OFFICE: BMDO/JNB
7. DD250 REQ: LT
8. APP CODE: N/A
9. DISTRIBUTION STATEMENT REQUIRED: F
10. FREQUENCY: ONE/R
11. AS OF DATE: ASREQ
12. DATE OF FIRST SUBMISSION: See Block 16
13. DATE OF SUBSEQUENT SUBMISSION: ASREQ
14. DISTRIBUTION and 15. TOTAL COPIES: See Table A-1
16. REMARKS:

Block 12: Draft Plan shall be submitted at SFR. Plan shall be updated and submitted by 1999 APR 30.

G. PREPARED BY: HANS PITTNER  H. DATE: 12 APR 99
I. APPROVED BY: ROY G. HUFFMAN  J. DATE: 12 APR 99
CONTRACT DATA REQUIREMENTS LIST

A. CONTRACT LINE ITEM NO: 0002  
B. EXHIBIT: A  
C. CATEGORY: TDP___ TM___ OTHER___X___  
D. SYSTEM/ITEM: NMD LSI  
E. CONTRACT/PR. NO: HQ0006-98-C-0003  
F. CONTRACTOR: BOEING  

1. DATA ITEM NO.: A051  
2. TITLE OF DATA ITEM: Verification, Demonstration and Evaluation Plan  
3. SUBTITLE: BMC3 Verification Plan  
4. AUTHORITY: (Data Acquisition Document No.): DI-ILSS-81188/T  
5. CONTRACT REFERENCE: SOW para. 3.6.2  
6. REQUIRING OFFICE: BMDO/JNB  
7. DD250 REQ: LT  
8. APP CODE: N/A  
9. DISTRIBUTION STATEMENT REQUIRED: F  
10. FREQUENCY: See Block 16  
11. AS OF DATE: ASREQ  
12. DATE OF FIRST SUBMISSION: See Block 16  
13. DATE OF SUBSEQUENT SUBMISSION: See Block 16  
14. DISTRIBUTION and TOTAL COPIES: See Table A-1  
15. REMARKS:  
   Blocks 12 and 13: Plan shall be submitted in draft form at SFR. Final plan shall be submitted by 1999 APR 30.  
   Plan shall be updated as required following each BMC3 update build.  

G. PREPARED BY: HANS PITTNER  
H. DATE: 12 APR 99  
I. APPROVED BY: ROY G. HUFFMAN  
J. DATE: 12 APR 99
CONTRACT DATA REQUIREMENTS LIST

A. CONTRACT LINE ITEM NO: 0002  B. EXHIBIT: A
C. CATEGORY: TDP___ TM___ OTHER___X___
D. SYSTEM/ITEM: NMD LSI
E. CONTRACT/PR. NO: HQ0006-98-C-0003  F. CONTRACTOR: BOEING

1. DATA ITEM NO.: A052
2. TITLE OF DATA ITEM: System/Subsystem Specification (SSS)
3. SUBTITLE: XBR Element Level A Specification
4. AUTHORITY: (Data Acquisition Document No.): DI-IPSC-81431
5. CONTRACT REFERENCE: SOW para. 3.2.3, 3.5.2
6. REQUIRING OFFICE: BMDO/JNE
7. DD250 REQ: LT
8. APP CODE: N/A
9. DISTRIBUTION STATEMENT REQUIRED: F
10. FREQUENCY: See Block 16
11. AS OF DATE: ASREQ
12. DATE OF FIRST SUBMISSION: See Block 16
13. DATE OF SUBSEQUENT SUBMISSION: See Block 16
14. DISTRIBUTION and TOTAL COPIES: See Table A-1
15. REMARKS:
   Block 4: Add Format - Contractor format is acceptable


G. PREPARED BY: LTC CRAIG MAC ALLISTER  H. DATE: 15 SEP 98
I. APPROVED BY: A. L. AUSTIN, BMDO/DCTD  J. DATE: 15 SEP 98
CONTRACT DATA REQUIREMENTS LIST

A. CONTRACT LINE ITEM NO: 0002
B. EXHIBIT: A
C. CATEGORY: TDP___ TM___ OTHER___ X___
D. SYSTEM/ITEM: NMD LSI
E. CONTRACT/PR. NO: HQ0006-98-C-0003
F. CONTRACTOR: BOEING

1. DATA ITEM NO: A053
2. TITLE OF DATA ITEM: Software Development Plan (SDP)
3. SUBTITLE: XBR Software Development Plan (SDP)
4. AUTHORITY: (Data Acquisition Document No.): DI-IPSC-81427/T
5. CONTRACT REFERENCE: SOW para. 3.5.2
6. REQUIRING OFFICE: GBR EPM
7. DD250 REQ: LT
8. APP CODE: N/A
9. DISTRIBUTION STATEMENT REQUIRED: F
10. FREQUENCY: OTIME
11. AS OF DATE: N/A
12. DATE OF FIRST SUBMISSION: AT PDR
13. DATE OF SUBSEQUENT SUBMISSION: ASREQ
14. DISTRIBUTION and TOTAL COPIES: See Table A-1
16. REMARKS:

Block 4:
Contractor Format is acceptable.

G. PREPARED BY: LTC CRAIG MAC ALLISTER
H. DATE: 15 SEP 98
I. APPROVED BY: A. L. AUSTIN, BMDO/DCTD
J. DATE: 15 SEP 98
CONTRACT DATA REQUIREMENTS LIST

A. CONTRACT LINE ITEM NO: 0002  B. EXHIBIT: A
C. CATEGORY: TDP___ TM___ OTHER___X___
D. SYSTEM/ITEM: NMD LSI
E. CONTRACT/PR. NO: HQ0006-98-C-0003  F. CONTRACTOR: BOEING

1. DATA ITEM NO: A054
2. TITLE OF DATA ITEM: Verification, Demonstration, and Evaluation Plan
3. SUBTITLE: XBR Verification Plan
4. AUTHORITY: (Data Acquisition Document No.): DI-ILSS-81188/T
5. CONTRACT REFERENCE: SOW para. 3.5.2, 3.5.4
6. REQUIRING OFFICE:
7. DD250 REQ: LT
8. APP CODE: N/A
9. DISTRIBUTION STATEMENT REQUIRED: F
10. FREQUENCY: OTIME
11. AS OF DATE: N/A
12. DATE OF FIRST SUBMISSION: AT PDR
13. DATE OF SUBSEQUENT SUBMISSION: ASREQ
14. DISTRIBUTION and TOTAL COPIES: See Table A-1
15. REMARKS:

Block 4:
Contractor Format is acceptable.

G. PREPARED BY: LTC CRAIG MAC ALLISTER  H. DATE: 18 MAR 98
I. APPROVED BY: A. L. AUSTIN, BMDO/DCTD  J. DATE: 18 MAR 98
CONTRACT DATA REQUIREMENTS LIST

A. CONTRACT LINE ITEM NO: 0002  B. EXHIBIT: A
C. CATEGORY: TDP___ TM___ OTHER___X___
D. SYSTEM/ITEM: NMD LSI
E. CONTRACT/PR. NO: HQ0006-98-C-0003  F. CONTRACTOR: BOEING

1. DATA ITEM NO.: A055
2. TITLE OF DATA ITEM: Test Plan
3. SUBTITLE: XBR Test Plan
4. AUTHORITY: (Data Acquisition Document No.): DI-NDTI-80566/T
5. CONTRACT REFERENCE: SOW para. 3.5.4
6. REQUIRING OFFICE:
7. DD250 REQ: LT
8. APP CODE: N/A
9. DISTRIBUTION STATEMENT REQUIRED: F
10. FREQUENCY: OTIME
11. AS OF DATE: N/A
12. DATE OF FIRST SUBMISSION: PDR + 90 D
13. DATE OF SUBSEQUENT SUBMISSION: ASREQ
14. DISTRIBUTION and TOTAL COPIES: See Table A-1
15. REMARKS:

Block 4:
Contractor Format is acceptable.

G. PREPARED BY: LTC CRAIG MAC ALLISTER 
H. DATE: 18 MAR 98
I. APPROVED BY: A. L. AUSTIN, BMDO/DCTD 
J. DATE: 18 MAR 98
**CONTRACT DATA REQUIREMENTS LIST**

A. CONTRACT LINE ITEM NO: 0002  
B. EXHIBIT: A  
C. CATEGORY: TDP___ TM___ OTHER___ X___  
D. SYSTEM/ITEM: NMD LSI  
E. CONTRACT/PR. NO: HQ0006-98-C-0003  
F. CONTRACTOR: BOEING

1. DATA ITEM NO.: A056  
2. TITLE OF DATA ITEM: System/Subsystem Specification (SSS)  
3. SUBTITLE: UEWR Element Level A Specification  
4. AUTHORITY: (Data Acquisition Document No.): DI-IPSC-81431  
5. CONTRACT REFERENCE: SOW para. 3.2.3, 3.4.2  
6. REQUIRING OFFICE: BMDO/JNE  
7. DD250 REQ: LT  
8. APP CODE: N/A  
9. DISTRIBUTION STATEMENT REQUIRED: F  
10. FREQUENCY: See Block 16  
11. AS OF DATE: ASREQ  
12. DATE OF FIRST SUBMISSION: See Block 16  
13. DATE OF SUBSEQUENT SUBMISSION: See Block 16  
14. DISTRIBUTION and TOTAL COPIES: See Table A-1  
15. REMARKS:

**Block 4:**  
Add Format - Contractor format is acceptable

Blocks 10, 12 and 13: Submit draft UEWR Element Specification 15 days prior to System Functional Review (SFR).
Submit final UEWR Element Level A Specification 15 days prior to System Preliminary Design Review (SPDR). Submit revisions as required.

G. PREPARED BY: LTC CRAIG MAC ALLISTER  
H. DATE: 26 JAN 99  
I. APPROVED BY: A. L. AUSTIN, BMDO/DCTD  
J. DATE: 26 JAN 99
### CONTRACT DATA REQUIREMENTS LIST

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<td>F. CONTRACTOR:</td>
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1. DATA ITEM NO.:       A057
2. TITLE OF DATA ITEM:  Software Development Plan (SDP)
3. SUBTITLE:            UEWR Software Development Plan (SDP)
4. AUTHORITY:           (Data Acquisition Document No.): DI-IPSC-81427/T
5. CONTRACT REFERENCE:  SOW para. 3.4.2, 3.4.3, 3.4.4
6. REQUIRING OFFICE:    UEWR EPM
7. DD250 REQ:           LT
8. APP CODE:            N/A
9. DISTRIBUTION STATEMENT REQUIRED:  F
10. FREQUENCY:          OTIME
11. AS OF DATE:         N/A
12. DATE OF FIRST SUBMISSION:  PDR
13. DATE OF SUBSEQUENT SUBMISSION:  ASREQ
14. DISTRIBUTION AND TOTAL COPIES:  See Table A-1
15. REMARKS:

**Block 4:**
Contractor Format is acceptable.

---

G. PREPARED BY:    LTC CRAIG MAC ALLISTER  
H. DATE:          15 SEP 98
I. APPROVED BY:   A. L. AUSTIN, BMDO/DCTD  
J. DATE:          15 SEP 98

A-78
CONTRACT DATA REQUIREMENTS LIST

A. CONTRACT LINE ITEM NO: 0002  B. EXHIBIT: A
C. CATEGORY: TDP___ TM___ OTHER___X___
D. SYSTEM/ITEM: NMD LSI
E. CONTRACT/PR. NO: HQ0006-98-C-0003  F. CONTRACTOR: BOEING

1. DATA ITEM NO: A058
2. TITLE OF DATA ITEM: Verification, Demonstration, and Evaluation Plan
3. SUBTITLE: UEWR Verification Plan
4. AUTHORITY: (Data Acquisition Document No.): DI-ILSS-81188/T
5. CONTRACT REFERENCE: SOW para. 3.4.2
6. REQUIRING OFFICE:
7. DD250 REQ: LT
8. APP CODE: N/A
9. DISTRIBUTION STATEMENT REQUIRED: F
10. FREQUENCY: OTIME
11. AS OF DATE: N/A
12. DATE OF FIRST SUBMISSION: AT PDR
13. DATE OF SUBSEQUENT SUBMISSION: ASREQ
14. DISTRIBUTION and TOTAL COPIES: See Table A-1
15. REMARKS:

Block 4:
Contractor Format is acceptable.

G. PREPARED BY: LTC CRAIG MAC ALLISTER  H. DATE: 18 MAR 98
I. APPROVED BY: A. L. AUSTIN, BMDO/DCTD  J. DATE: 18 MAR 98
CONTRACT DATA REQUIREMENTS LIST

A. CONTRACT LINE ITEM NO: 0002
B. EXHIBIT: A
C. CATEGORY: TDP___ TM___ OTHER___ X___
D. SYSTEM/ITEM: NMD LSI
E. CONTRACT/PR. NO: HQ0006-98-C-0003
F. CONTRACTOR: BOEING

1. DATA ITEM NO.: A059
2. TITLE OF DATA ITEM: Test Plan
3. SUBTITLE: UEWR Test Plan
4. AUTHORITY: (Data Acquisition Document No.): DI-NDTI-80566/T
5. CONTRACT REFERENCE: SOW para. 3.4.5
6. REQUIRING OFFICE:
7. DD250 REQ: LT
8. APP CODE: N/A
9. DISTRIBUTION STATEMENT REQUIRED: F
10. FREQUENCY: OTIME
11. AS OF DATE: N/A
12. DATE OF FIRST SUBMISSION: PDR + 90 CD
13. DATE OF SUBSEQUENT SUBMISSION: ASREQ
14. DISTRIBUTION and 15. TOTAL COPIES: See Table A-1
15. REMARKS:
   Block 4:
   Contractor Format is acceptable.

G. PREPARED BY: LTC CRAIG MAC ALLISTER
H. DATE: 18 MAR 98
I. APPROVED BY: A. L. AUSTIN, BMDO/DCTD
J. DATE: 18 MAR 98
CONTRACT DATA REQUIREMENTS LIST

A. CONTRACT LINE ITEM NO: 0002
B. EXHIBIT: A
C. CATEGORY: TDP___ TM___ OTHER___ X___
D. SYSTEM/ITEM: NMD LSI
E. CONTRACT/PR. NO: HQ0006-98-C-0003
F. CONTRACTOR: BOEING

1. DATA ITEM NO.: A060
2. TITLE OF DATA ITEM: Scientific and Technical Reports
3. SUBTITLE: Final Report, Basic Contract
4. AUTHORITY: (Data Acquisition Document No.): DI-MISC-80711/T
5. CONTRACT REFERENCE: SOW para. 3.2.1
6. REQUIRING OFFICE: BMDO/JNC
7. DD250 REQ: DD250
8. APP CODE: AD
9. DISTRIBUTION STATEMENT REQUIRED: F
10. FREQUENCY: OTIME
11. AS OF DATE: ASREQ
12. DATE OF FIRST SUBMISSION: DRAFT EOBC - 60 D
13. DATE OF SUBSEQUENT SUBMISSION: FINAL EOBC
14. DISTRIBUTION and TOTAL COPIES: See Table A-1
15. REMARKS:

Block 4:
- All Contractor format is acceptable
- Content shall include:
  A. Complete discussion which demonstrates all planning and material is in place to go to Deployment or Continued Development including:
    (1) Identification of all developed NMD capabilities ready for incorporation.
    (2) Reference to latest NMD System Space, Element Level A-Specifications, Prime Item/Configuration Item Specifications, and NMD deployment planning documents. “Reference to” is defined as documents submitted to Government at least 60 calendar days prior to EOBP.
    (3) Submittal of specifications or planning documents which have not been received by the Government 60 days prior to EOBP.

G. PREPARED BY: LTC CRAIG MAC ALLISTER
H. DATE: 15 SEP 98
I. APPROVED BY: A. L. AUSTIN, BMDO/DCTD
J. DATE: 15 SEP 98
A. CONTRACT LINE ITEM NO: 0002
B. EXHIBIT: A
C. CATEGORY: TDP__ TM__ OTHER__X__
D. SYSTEM/ITEM: NMD LSI
E. CONTRACT/PR. NO: HQ0006-98-C-0003
F. CONTRACTOR: BOEING

1. DATA ITEM NO.: A061
2. TITLE OF DATA ITEM: System/Subsystem Specification (SSS)
3. SUBTITLE: Weapon System Prime Item Specification
4. AUTHORITY: (Data Acquisition Document No.): DI-IPSC-81431/T
5. CONTRACT REFERENCE: SOW para. 3.3.2
6. REQUIRING OFFICE:
7. DD250 REQ: LT
8. APP CODE: N/A
9. DISTRIBUTION STATEMENT REQUIRED: F
10. FREQUENCY: See Block 16
11. AS OF DATE: ASREQ
12. DATE OF FIRST SUBMISSION: See Block 16
13. DATE OF SUBSEQUENT SUBMISSION: See Block 16
14. DISTRIBUTION and TOTAL COPIES: See Table A-1
15. REMARKS:

Block 4: Add Format - Contractor format is acceptable

Submit final Weapon System Prime Item Specification 15 days prior to System Preliminary Design Review (SPDR). Submit revisions as required.

G. PREPARED BY: LTC CRAIG MAC ALLISTER
H. DATE: 18 MAR 98
I. APPROVED BY: A. L. AUSTIN, BMDO/DCTD
J. DATE: 18 MAR 98
## CONTRACT DATA REQUIREMENTS LIST

A. CONTRACT LINE ITEM NO: 0002  
B. EXHIBIT: A  
C. CATEGORY: TDP___ TM___ OTHER__X  
D. SYSTEM/ITEM: NMD LSI  
E. CONTRACT/PR. NO: HQ0006-98-C-0003  
F. CONTRACTOR: BOEING  


### 10 Preparation Instructions

10.3 **Content.** Prepare Input to the NMD CARD in the format set forth in Section E, Chapter 1 of DoD 5000.4-M, “Department of Defense Manual Cost Analysis Guidance and Procedures” as further tailored herein. Breadth of content, level of detail shall be as contained in previously submitted Government NMD CARDS where they exist. Section 11 (Track to Prior CARD) shall be included in the NMD CARD submitted subsequent to 1999 SEP 10 and include a summary of NMD program changes and shall track to the previous Government CARD. Do not submit Section 12 (Contractor Cost Data Reporting Plan). In CARD sections involving the Work Breakdown Structure (e.g., 1.1.3, System Configuration), provide appropriate mapping from the Contract Work Breakdown Structure (CWBS) to the BMDO Cost Breakdown Structure (CBS) contained in Figure 2.0-1 of Appendix E of the NMD Cost Analysis/Estimating Terms of Reference (TOR), Version 3.1, October 1998.

10.3.1 **NMD Alternatives.** The NMD CARD shall address the following four alternatives: (1) Alaskan-based NMD Capability One (NMD C1 CARD-AK); (2) Grand Forks-based NMD Capability One (NMD C1 CARD-GF); (3) Alaskan-based NMD Capability Two (NMD C2 CARD-AK), and (4) Grand Forks-based NMD Capability Two (NMD C2 CARD-GF).

### (Continued)

CONTRACT DATA REQUIREMENTS LIST (Continuation Sheet)

A. CONTRACT LINE ITEM NO: 0002  B. EXHIBIT: A
C. CATEGORY: TDP___ TM___ OTHER___X___
D. SYSTEM/ITEM: NMD LSI
E. CONTRACT/PR. NO: HQ0006-98-C-0003  F. CONTRACTOR: BOEING

1. DATA ITEM NO.: A063
2. TITLE OF DATA ITEM: Scientific and Technical Reports
3. SUBTITLE: Inputs to NMD Cost Analysis Requirements Descriptions (CARDs)

Block 8: Government review and approval (or disapproval) and comments will be provided within 30 days after receipt. Submit revised Inputs to NMD CARD within 30 days after receipt of Government comments.

Blocks 10, 12 and 13: Submit initial Inputs to NMD C2 CARD-AK and NMD C2 CARD-GF by 1999 MAR 01. Use the Government-submitted NMD C1 CARD-AK and NMD C1 CARD-GF provided to the Contractor as the point of departure. Thereafter, submit annual updated Input to all four NMD CARDS by 1999 SEP 10 and again by 2000 AUG 01. The Government reserves the right to call for up to two (2) additional* “out-of-cycle” CARD Updates in the event of major budget or program changes. Any out-of-cycle submission called for shall be in writing by the PCO and shall be due sixty (60) days after the notification is received by the Contractor. If called for, the out-of-cycle submission shall be for the C1 alternative (both locations) or the C2 alternative (both locations), or for both C1 and C2.

* One out-of-cycle CARD Update already delivered in response to PCO Ltr Ser DCTD/LSI/98-023.

(End of A063)
CONTRACT DATA REQUIREMENTS LIST

A. CONTRACT LINE ITEM NO: 0002  B. EXHIBIT: A
C. CATEGORY: TDP____ TM____ OTHER   X
D. SYSTEM/ITEM: NMD LSI
E. CONTRACT/PR. NO: HQ0006-98-C-0003  F. CONTRACTOR: BOEING

1. DATA ITEM NO.: A065
2. TITLE OF DATA ITEM: Cost Data Summary Report (DD Form 1921)
4. AUTHORITY (DATA ACQUISITION DOCUMENT NO.): DI-FNCL-81565
5. CONTRACT REFERENCE:
6. REQUIRING OFFICE: BMDO/JNC
7. DD 250 REQ: LT
8. APP CODE: N/A
9. DISTRIBUTION STATEMENT REQUIRED: F
10. FREQUENCY: 2TIMES
11. AS OF DATE: ASREQ
12. DATE OF FIRST SUBMISSION: 60 Days After Effective Date of Modification
13. DATE OF SUBSEQUENT SUBMISSION: 60 Days After Completion of IFT-5
14. DISTRIBUTION and 15. TOTAL COPIES: See Table A-1
16. REMARKS:

Submit in Electronic Data Interchange (EDI) format conforming to Accredited Standards Committee (ASC) x12 EDI 196 Transaction Set.

Reports shall include all contract costs (prime and subcontractor) in accordance with the attached GBI Cost Breakdown Structure (CBS), modified CCDR-DD 1921. This report to level 3 of the GBI CBS Work Breakdown Structure (WBS) element. Provide a separate mapping from the Contract Work Breakdown Structure (CWBS) to the Government CBS, if different. Insert the CWBS in Block C (Element Code) of DD Form 1921. Provide costs incurred to date and at completion in the “Total” blocks only (blocks F and J). Do not complete G (Number of Units). Prior to the initial submission, Government representatives from, or arranged by, the Requiring Office will meet with the Contractor to identify any specific CWBS breakouts that do not require reporting.

G. PREPARED BY: Lt Col MUN KWON  H. DATE: P00052
I. APPROVED BY: MR. MIKE WALLACE  J. DATE: P00052
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EXHIBIT B

CONTRACT DATA REQUIREMENTS LIST (CDRL)

FOR THE

NATIONAL MISSILE DEFENSE (NMD) LEAD SYSTEM INTEGRATOR (LSI)

NMD LSI Continued Development #1 CDRL

18 March 1998
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Table B-1, CDRL Distribution Matrix
* These are the intended recipients of CDRL items. Electronic submission per CDRL instruction paragraph 11c will satisfy BMDO unclassified distribution requirements.
CONTRACT DATA REQUIREMENTS LIST

A. CONTRACT LINE ITEM NO: 0103
B. EXHIBIT: B
C. CATEGORY: TDP___ TM___ OTHER___X___
D. SYSTEM/ITEM: NMD LSI
E. CONTRACT/PR. NO: HQ0006-98-C-0003
F. CONTRACTOR: BOEING

1. DATA ITEM NO.: B001
2. TITLE OF DATA ITEM: Design Review Data Pack
3. SUBTITLE: C1U1 Deployment Readiness Review (DRR) Data Pack
4. AUTHORITY: (Data Acquisition Document No.): See Block 16
5. CONTRACT REFERENCE: SOW para. 4.2.1, 4.3.6
6. REQUIRING OFFICE:
7. DD250 REQ: LT
8. APP CODE: See Block 16
9. DISTRIBUTION STATEMENT REQUIRED: F
10. FREQUENCY: See Block 16
11. AS OF DATE: ASREQ
12. DATE OF FIRST SUBMISSION: See Block 16
13. DATE OF SUBSEQUENT SUBMISSION: See Block 16
14. DISTRIBUTION and TOTAL COPIES: See Table B-1
15. REMARKS:
Block 4:
Conference Agenda per DI-ADMN-81249A; Conference Minutes per DI-ADMN-81250A; Data Package per ILSS-81335. Contractor format is acceptable.

Block 8: Agenda: Government agenda comments will be provided within 10CD after receipt. Data Package: Government comments, if applicable, to the presentation material will be provided within 7 days after receipt. Minutes: Government approval (or disapproval) and comments will be provided within 45 days after receipt.

Blocks 10, 12 and 13: Agenda: Submit agenda 15CD prior to C1U1 DRR. Data Package: Submit paper copies of the presentation material 15CD prior to C1U1 DRR. Handouts of the Presentation Material/Data Package to attendees at C1U2 DRR. Minutes: Submit Minutes within 14CD after review. If disapproved or corrections are required, submit revised Minutes within 14 days of receipt of Government comments.

G. PREPARED BY: LTC CRAIG MAC ALLISTER
H. DATE: 18 MAR 98
I. APPROVED BY: A. L. AUSTIN, BMDO/DCTD
J. DATE: 18 MAR 98
CONTRACT DATA REQUIREMENTS LIST

A. CONTRACT LINE ITEM NO: 0103
B. EXHIBIT: B
C. CATEGORY: TDP TM OTHER X
D. SYSTEM/ITEM: NMD LSI
E. CONTRACT/PR. NO: HQ0006-98-C-0003
F. CONTRACTOR: BOEING

1. DATA ITEM NO.: B002
2. TITLE OF DATA ITEM: Software Development Plan (SDP)
3. SUBTITLE: NMD Software Development Plan (SDP)
4. AUTHORITY: (Data Acquisition Document No.): DI-IPSC-81427/T
5. CONTRACT REFERENCE: SOW para. 4.2.3 4.3.2
6. REQUIRING OFFICE:
7. DD250 REQ: LT
8. APP CODE: A
9. DISTRIBUTION STATEMENT REQUIRED: F
10. FREQUENCY: ONE/T.
11. AS OF DATE: N/A
12. DATE OF FIRST SUBMISSION: See Block 16
13. DATE OF SUBSEQUENT SUBMISSION: See Block 16
14. DISTRIBUTION and TOTAL COPIES: See Table B-1
15. REMARKS:

Block 4:
Delete the following paragraphs in their entirety:

   4.2.3,
   4.2.3.1,
   4.2.3.2,
   4.2.5 and
   5.8

Block 8: Government review and approval (or disapproval) and comments will be provided within 45 days after receipt of each submittal. Submit final NMD Software Development Plan within 30 days after receipt of Government comments.

Blocks 10, 12 and 13: The Software Development Plan (SDP) will be updated, as required, and submitted for Government approval at C1U1 Preliminary Design Review (PDR).

G. PREPARED BY: LTC CRAIG MAC ALLISTER H. DATE: 18 MAR 98
I. APPROVED BY: A. L. AUSTIN, BMDO/DCTD J. DATE: 18 MAR 98
**CONTRACT DATA REQUIREMENTS LIST**

A. CONTRACT LINE ITEM NO: 0103
B. EXHIBIT: B
C. CATEGORY: TDP___ TM___ OTHER___X___
D. SYSTEM/ITEM: NMD LSI
E. CONTRACT/PR. NO: HQ0006-98-C-0003
F. CONTRACTOR: BOEING

1. DATA ITEM NO.: B003
2. TITLE OF DATA ITEM: Presentation Material
3. SUBTITLE: Presentation Material for Meetings, Audits & Reviews
4. AUTHORITY: (Data Acquisition Document No.): See Block 16
5. CONTRACT REFERENCE: SOW para. 4.2.1, 4.3.2
6. REQUIRING OFFICE:
7. DD250 REQ: LT
8. APP CODE: N/A
9. DISTRIBUTION STATEMENT REQUIRED: F
10. FREQUENCY: See Block 16
11. AS OF DATE: N/A
12. DATE OF FIRST SUBMISSION: See Block 16
13. DATE OF SUBSEQUENT SUBMISSION: See Block 16
14. DISTRIBUTION and TOTAL COPIES: See Table B-1
15. REMARKS:
   Block 4:
   Conference Agenda per DI-ADMN-81249A; Conference Minutes per DI-ADMN-81250; Presentation Material per DI-ADMN-81373.
   Blocks 10, 12 and 13: Agenda: Submit agenda 10 days prior to the Reviews. Presentation Material will be presented at the reviews. Minutes: Minutes, if required will be submitted within 14 days after review. If corrections are required, submit revised within 14 days of receipt of Government comments.
   Applicability: This CDRL shall apply to the following program reviews/meetings:
   1. C1U1 Preliminary Design Review (PDR)
   2. C1U1 Interim Design Review (IDR)

G. PREPARED BY: LTC CRAIG MAC ALLISTER
H. DATE: 18 MAR 98
I. APPROVED BY: A. L. AUSTIN, BMDO/DCTD
J. DATE: 18 MAR 98
CONTRACT DATA REQUIREMENTS LIST

A. CONTRACT LINE ITEM NO: 0103   B. EXHIBIT: B
C. CATEGORY: TDP___ TM___ OTHER___X___
D. SYSTEM/ITEM: NMD LSI
E. CONTRACT/PR. NO: HQ0006-98-C-0003   F. CONTRACTOR: BOEING

1. DATA ITEM NO.: B004
2. TITLE OF DATA ITEM: Scientific and Technical Reports
3. SUBTITLE: DRR Criteria and Metrics
4. AUTHORITY: (Data Acquisition Document No.): DI-MISC-80711/T
5. CONTRACT REFERENCE: SOW para. 4.2.1, 4.3.6
6. REQUIRING OFFICE: BMDO/JNI
7. DD250 REQ: LT
8. APP CODE: See Block 16
9. DISTRIBUTION STATEMENT REQUIRED: F
10. FREQUENCY: See Block 16
11. AS OF DATE: ASREQ
12. DATE OF FIRST SUBMISSION: ATP + 30 Days
13. DATE OF SUBSEQUENT SUBMISSION: See Block 16
14. DISTRIBUTION and TOTAL COPIES: See Table B-1
15. REMARKS:

Block 4:

10 Preparation Instructions.
This CDRL shall contain specific completion criteria and associated metrics consistent with the NMD program, updated for C1U1.

Content. DRR Criteria and Metrics shall be organized based on the following:

• Performance Criteria
  – Provide Assessment to Meet User Requirements
  – Provide Ground and Flight Test Evaluations of System / Elements

• Demonstration Criteria
  – Demonstrate Performance of NMD System Supported by Test & Evaluation Data

• Deployment Criteria
  – Readiness to Produce and Deploy Effective NMD System
    – Establish / Maintain Capability and Flexibility to Deploy in 3 years
    – Provide Detailed Planning to Produce and Deploy NMD System with 3 years of Deployment Decision

(Continued)

G. PREPARED BY: LTC CRAIG MAC ALLISTER   H. DATE: 18 MAR 98
I. APPROVED BY: A. L. AUSTIN, BMDO/DCTD   J. DATE: 18 MAR 98
CONTRACT DATA REQUIREMENTS LIST (Continuation Sheet)

A. CONTRACT LINE ITEM NO: 0103  B. EXHIBIT: B
C. CATEGORY: TDP___ TM___ OTHER___X___
D. SYSTEM/ITEM: NMD LSI
E. CONTRACT/PR. NO: HQ0006-98-C-0003  F. CONTRACTOR: BOEING

1. DATA ITEM NO.: B004
2. TITLE OF DATA ITEM: Scientific and Technical Reports
3. SUBTITLE: DRR Criteria and Metrics

Block 4: (Cont.)
• Deployment Criteria (Cont.)
  – Establish / Maintain Capability and Flexibility to Deploy in 3 years
  – Provide Detailed Planning to Produce and Deploy NMD System with 3 years of Deployment Decision
  – Operational Sustainment Readiness Plans
  – Demonstrate Flexible Robust Design that Preserves ABM Treaty Compliant Architecture
  – Deployment Readiness Plans
• Operational Sustainment Readiness Plans
  – Candidate Development / Deployment Trades
  – Plan to Evolve from Proposed C1 Deployment(s) to C2/C3 Capability

Blocks 8: DRR Criteria and Metrics shall be assumed to be approved by the Government unless the Contractor is notified in writing by the PCO within 30 calendar days after receipt.

Blocks: 10, 13: DRR Criteria and Metrics shall be prepared on an “ASREQ” basis. DRR Criteria and Metrics shall be submitted as least ANNUALLY and shall include CDRL A007, IMP Changes that result from changes in DRR Criteria and Metrics. In addition, IMP Changes that impact DRR Criteria and Metrics shall result in a revision

(End of B004)
CONTRACT DATA REQUIREMENTS LIST

A. CONTRACT LINE ITEM NO: 0103  
B. EXHIBIT: B
C. CATEGORY: TDP___ TM___ OTHER___X__
D. SYSTEM/ITEM: NMD LSI
E. CONTRACT/PR. NO: HQ0006-98-C-0003  
F. CONTRACTOR: BOEING

1. DATA ITEM NO.: B005
2. TITLE OF DATA ITEM: Scientific and Technical Reports
3. SUBTITLE: Technical Reports
4. AUTHORITY: (Data Acquisition Document No.): DI-MISC-80711/T
5. CONTRACT REFERENCE: SOW para. 4.2.2, 4.3.2
6. REQUIRING OFFICE:
7. DD250 REQ: LT
8. APP CODE: N/A
9. DISTRIBUTION STATEMENT REQUIRED: F
10. FREQUENCY: See Block 16
11. AS OF DATE: See Block 16
12. DATE OF FIRST SUBMISSION: See Block 16
13. DATE OF SUBSEQUENT SUBMISSION: See Block 16
14. DISTRIBUTION and TOTAL COPIES: See Table B-1
16. REMARKS:

Block 4:  
This CDRL item shall contain formal documentation of technical information. Contractor format is acceptable.

Blocks 12 and 13: Specific submittal requirements for these reports will be determined as part of on-going IPT activity.

G. PREPARED BY: LTC CRAIG MAC ALLISTER  
H. DATE: 18 MAR 98
I. APPROVED BY: A. L. AUSTIN, BMDO/DCTD  
J. DATE: 18 MAR 98
CONTRACT DATA REQUIREMENTS LIST

A. CONTRACT LINE ITEM NO:  0103  B. EXHIBIT:  B
C. CATEGORY:  TDP___ TM___ OTHER___X___
D. SYSTEM/ITEM:  NMD LSI
E. CONTRACT/PR. NO:  HQ0006-98-C-0003  F. CONTRACTOR:  BOEING

1. DATA ITEM NO.:  B006
2. TITLE OF DATA ITEM:  Test Plan
3. SUBTITLE:  Weapon System Test Plan
4. AUTHORITY:  (Data Acquisition Document No.):  DI-NDTI-80566/T
5. CONTRACT REFERENCE:  SOW para.
6. REQUIRING OFFICE:
7. DD250 REQ:  LT
8. APP CODE:  N/A
9. DISTRIBUTION STATEMENT REQUIRED:  F
10. FREQUENCY:  ONE/R
11. AS OF DATE:  ASREQ
12. DATE OF FIRST SUBMISSION:  Update 60 Days after ATP
13. DATE OF SUBSEQUENT SUBMISSION:  ASREQ
14. DISTRIBUTION and TOTAL COPIES:  See Table B-1
15. REMARKS:
   Block 4:
   10.3.1a  Change to read as follows:
   “Title of the test program to be conducted.”

G. PREPARED BY:  LTC CRAIG MAC ALLISTER  H. DATE:  18 MAR 98
I. APPROVED BY:  A. L. AUSTIN, BMDO/DCTD  J. DATE:  18 MAR 98
CONTRACT DATA REQUIREMENTS LIST

A. CONTRACT LINE ITEM NO: 0103  B. EXHIBIT: B
C. CATEGORY: TDP__ TM___ OTHER___X___
D. SYSTEM/ITEM: NMD LSI
E. CONTRACT/PR. NO: HQ0006-98-C-0003  F. CONTRACTOR: BOEING

1. DATA ITEM NO.: B007
2. TITLE OF DATA ITEM: Software Development Plan (SDP)
3. SUBTITLE: Weapon System Software Development Plan (SDP)
4. AUTHORITY: (Data Acquisition Document No.): DI-IPSC-81427
5. CONTRACT REFERENCE: SOW para. 4.3.2
6. REQUIRING OFFICE:
7. DD250 REQ: LT
8. APP CODE: N/A
9. DISTRIBUTION STATEMENT REQUIRED: F
10. FREQUENCY: ONE/R
11. AS OF DATE: ASREQ
12. DATE OF FIRST SUBMISSION: 60 DAC
13. DATE OF SUBSEQUENT SUBMISSION: ASREQ
14. DISTRIBUTION and TOTAL COPIES: See Table B-1
15. REMARKS:

G. PREPARED BY: LTC CRAIG MAC ALLISTER  H. DATE: 18 MAR 98
I. APPROVED BY: A. L. AUSTIN, BMDO/DCTD  J. DATE: 18 MAR 98

B-10
**CONTRACT DATA REQUIREMENTS LIST**

A. CONTRACT LINE ITEM NO: **0103**  
B. EXHIBIT: **B**  
C. CATEGORY: **TDP___ TM___ OTHER___X**  
D. SYSTEM/ITEM: **NMD LSI**  
E. CONTRACT/PR. NO: **HQ0006-98-C-0003**  
F. CONTRACTOR: **BOEING**  

1. DATA ITEM NO.: **B008**  
2. TITLE OF DATA ITEM: **System/Subsystem Specification (SSS)**  
3. SUBTITLE: **BMC3 Element Level A Specification**  
4. AUTHORITY: **(Data Acquisition Document No.): DI-IPSC-81431/T**  
5. CONTRACT REFERENCE: **SOW para. 4.2.3**  
6. REQUIRING OFFICE:  
7. DD250 REQ: **LT**  
8. APP CODE: **A**  
9. DISTRIBUTION STATEMENT REQUIRED: **F**  
10. FREQUENCY: **See Block 16**  
11. AS OF DATE: **ASREQ**  
12. DATE OF FIRST SUBMISSION: **See Block 16**  
13. DATE OF SUBSEQUENT SUBMISSION: **See Block 16**  
14. DISTRIBUTION and 15. TOTAL COPIES: **See Table B-1**  
15. REMARKS:  
   **Block 4:**  
   **Add Format** - Contractor format is acceptable  

   **Block 8:** Government review and approval (or disapproval) and comments will be provided within 45 days after receipt. Submit final BMC3 Element Level A Specification within 30 days of receipt of Government comments.  

   **Blocks 10, 12, and 13:** Submit incremental update to BMC3 Element Level A Specification 15 days prior to C1U1 PDR. Submit revisions as required.  

G. PREPARED BY: **LTC CRAIG MAC ALLISTER**  
H. DATE: **18 MAR 98**  
I. APPROVED BY: **A. L. AUSTIN, BMDO/DCTD**  
J. DATE: **18 MAR 98**
### CONTRACT DATA REQUIREMENTS LIST

A. CONTRACT LINE ITEM NO: 0103  
B. EXHIBIT: B  
C. CATEGORY: TDP___ TM___ OTHER___ X___ 
D. SYSTEM/ITEM: NMD LSI  
E. CONTRACT/PR. NO: HQ0006-98-C-0003  
F. CONTRACTOR: BOEING  

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**Block 4:**

**Preparation Instructions:** Plan shall be prepared in Contractor format.

G. PREPARED BY: LTC CRAIG MAC ALLISTER  
H. DATE: 18 MAR 98  
I. APPROVED BY: A. L. AUSTIN, BMDO/DCTD  
J. DATE: 18 MAR 98
CONTRACT DATA REQUIREMENTS LIST

A. CONTRACT LINE ITEM NO: 0103
B. EXHIBIT: B
C. CATEGORY: TDP__ TM__ OTHER__X__
D. SYSTEM/ITEM: NMD LSI
E. CONTRACT/PR. NO: HQ0006-98-C-0003
F. CONTRACTOR: BOEING

1. DATA ITEM NO.: B010
2. TITLE OF DATA ITEM: Software Development Plan (SDP)
3. SUBTITLE: C1 XBR Software Development Plan (SDP)
4. AUTHORITY: (Data Acquisition Document No.): DI-IPSC-81427/T
5. CONTRACT REFERENCE: SOW para. 4.5.2
6. REQUIRING OFFICE:
7. DD250 REQ: LT
8. APP CODE: N/A
9. DISTRIBUTION STATEMENT REQUIRED: F
10. FREQUENCY: OTIME
11. AS OF DATE: N/A
12. DATE OF FIRST SUBMISSION: 60 DAC
13. DATE OF SUBSEQUENT SUBMISSION: ASREQ
14. DISTRIBUTION and TOTAL COPIES: See Table B-1
15. REMARKS:

Block 4:
Contractor Format is acceptable.

G. PREPARED BY: LTC CRAIG MAC ALLISTER
H. DATE: 18 MAR 98
I. APPROVED BY: A. L. AUSTIN, BMDO/DCTD
J. DATE: 18 MAR 98
CONTRACT DATA REQUIREMENTS LIST

A. CONTRACT LINE ITEM NO: 0103
B. EXHIBIT: B
C. CATEGORY: TDP___ TM___ OTHER___X___
D. SYSTEM/ITEM: NMD LSI
E. CONTRACT/PR. NO: HQ0006-98-C-0003
F. CONTRACTOR: BOEING

1. DATA ITEM NO.: B011
2. TITLE OF DATA ITEM: Software Development Plan (SDP)
3. SUBTITLE: UEWR Software Development Plan (SDP)
4. AUTHORITY: (Data Acquisition Document No.): DI-IPSC-81427/T
5. CONTRACT REFERENCE: SOW para. 4.4.2
6. REQUIRING OFFICE:
7. DD250 REQ: LT
8. APP CODE: N/A
9. DISTRIBUTION STATEMENT REQUIRED: F
10. FREQUENCY: OTIME
11. AS OF DATE: N/A
12. DATE OF FIRST SUBMISSION: 60 DAC
13. DATE OF SUBSEQUENT SUBMISSION: ASREQ
14. DISTRIBUTION and TOTAL COPIES: See Table B-1
15. REMARKS:
Block 4:
Contractor Format is acceptable.

G. PREPARED BY: LTC CRAIG MAC ALLISTER
H. DATE: 18 MAR 98
I. APPROVED BY: A. L. AUSTIN, BMDO/DCTD
J. DATE: 18 MAR 98
EXHIBIT C

CONTRACT DATA REQUIREMENTS LIST (CDRL)

FOR THE

NATIONAL MISSILE DEFENSE (NMD) LEAD SYSTEM INTEGRATOR (LSI)

NMD LSI Deployment CDRL

30 March 2000
### Table C-1, CDRL Distribution Matrix

*These are the intended recipients of CDRL items. Electronic submission per CDRL instruction paragraph 11c will satisfy BMDO unclassified distribution requirements.*
CONTRACT DATA REQUIREMENTS LIST

A. CONTRACT LINE ITEM NO:  0202    B. EXHIBIT:  C
C. CATEGORY:  TDP___ TM___ OTHER___X___
D. SYSTEM/ITEM:  NMD LSI
E. CONTRACT/PR. NO:  HQ0006-98-C-0003    F. CONTRACTOR:  BOEING

1. DATA ITEM NO.:  C001
2. TITLE OF DATA ITEM:  Functional Cost-Hour Report (DD Form 1921-1)
4. AUTHORITY:  (Data Acquisition Document No.):  DI-F-6007/T
5. CONTRACT REFERENCE:  SOW para. 8.1.0
6. REQUIRING OFFICE:  BMDO/JNC
7. DD250 REQ:  LT
8. APP CODE:  N/A
9. DISTRIBUTION STATEMENT REQUIRED:  F
10. FREQUENCY:  ONE/R
11. AS OF DATE:  ASREQ
12. DATE OF FIRST SUBMISSION:  60 DAC
13. DATE OF SUBSEQUENT SUBMISSION:  See Block 16
14. DISTRIBUTION and TOTAL COPIES:  See Table C-1
15. REMARKS:

Block 4:
10 Preparation Instructions.
Submit in Electronic Data Interchange (EDI) format conforming to Accredited Standards Committee (ASC) X12 EDI 196 Transaction Set.

10.1 Content.
Submit Sections A and B. Do not submit Sections C and D (page 2 of DD Form 1921-1).

Include Interdivisional Work Authorizations/Interdivisional Transfers in the “Subcontractor Or Outside Production and Services” column.

Do not include costs for Sustainment activities (CLIN 0203) after Initial Operational Capability (IOC) has been reached.

Block 13:  Provide the final submission 60 days after CLIN 0201 has been accepted.

G. PREPARED BY:  LTC CRAIG MAC ALLISTER    H. DATE:  18 MAR 98
I. APPROVED BY:  A. L. AUSTIN, BMDO/DCTD    J. DATE:  18 MAR 98
CONTRACT DATA REQUIREMENTS LIST

A. CONTRACT LINE ITEM NO: 0202  
B. EXHIBIT: C  
C. CATEGORY: TDP___ TM___ OTHER___ X ___  
D. SYSTEM/ITEM: NMD LSI  
E. CONTRACT/PR. NO: HQ0006-98-C-0003  
F. CONTRACTOR: BOEING  

1. DATA ITEM NO.: C002  
2. TITLE OF DATA ITEM: Test and Evaluation Program Plan (TEPP)  
3. SUBTITLE: NMD Integrated Test and Evaluation Plan (ITEP)  
4. AUTHORITY: (Data Acquisition Document No.): DI-NDTI-81284/T  
5. CONTRACT REFERENCE: SOW para. 3.7.3  
6. REQUIRING OFFICE:  
7. DD250 REQ: LT  
8. APP CODE: AD  
9. DISTRIBUTION STATEMENT REQUIRED: F  
10. FREQUENCY: OTIME  
11. AS OF DATE: ASREQ  
12. DATE OF FIRST SUBMISSION: Draft SFR -75CD  
13. DATE OF SUBSEQUENT SUBMISSION: Final at SFR and ASREQ  
14. DISTRIBUTION and 15. TOTAL COPIES: See Table C-1  
16. REMARKS:

Block 4:

3. DESCRIPTION/PURPOSE

3.1 Change to read as follows: “The Plan ITEP outlines the plans and performance objectives at every level of testing on systems and subsystems. It provides the procuring activity with the test concept, objectives and requirements to be satisfied, test methods, elements, responsible activities associated with the testing, measures required, test data processing requirements, and recording analysis and evaluation procedures to be used.”

7.2 Change to read as follows: “This DID is applicable to system and subsystem tests that include laboratory tests, simulations, ground tests, flight tests, integration tests, human factor tests, operational tests and acceptance tests.”

10.1 Format. Change “The Test and Evaluation Program Plan (TEPP) shall be in the contractor's format and shall conform to the following:” to read “The Integrated Test and Evaluation Plan (ITEP) shall be in the contractor’s format”.

10.1.1 Delete  
10.1.2 Delete  
(Continued)
CONTRACT DATA REQUIREMENTS LIST (Continuation Sheet)

A. CONTRACT LINE ITEM NO: 0202  B. EXHIBIT: C
C. CATEGORY: TDP ___ TM ___ OTHER ___ X ___
D. SYSTEM/ITEM: NMD LSI
E. CONTRACT/PR. NO: HQ0006-98-C-0003  F. CONTRACTOR: BOEING

1. DATA ITEM NO: C002
2. TITLE OF DATA ITEM: Test Plan
3. SUBTITLE: NMD Integrated Test and Evaluation Plan (ITEP)

Block 4: (Cont.)

10.2.2 Introduction. Change to read as follows: “The introduction shall describe the plan and its relationship to the elements of the overall program, and an overview of the test program’s objectives, including process flow diagrams, milestones/significant accomplishments, test resources and personnel, and relationship to design development, production and tactical deployment.

10.2.3 Change “The TEPP…” to “The ITEP…”

10.2.4 Change “i.e., Joint Test Group (JTG)”

10.2.5 Tests and examinations. Change “The TEPP” to “The ITEP”

10.3.2 Change the first sentence to read as follows: “Consists of an overview of the objectives of the plan, including process flow diagrams, milestones, personnel participation, locations, schedules, and security measures to be observed.”

10.3.3 10.2.5.1 Change to read as follows: “Process Flow Diagrams. The process flow diagrams will reflect a functional description of the test and evaluation program using a block diagram portrayal of the functions that must be met to satisfy the total test program.”

10.2.5.2 References. Change “The TEPP…” to “The ITEP…”

10.2.5.3 Change to read as follows: “Test and Evaluation Objectives. Describes the objective of each test performed, including the traceability to requirements documents, test requirements, data requirements and evaluation criteria for each test.”
a. Test requirements
b. Data requirements
c. Evaluation
d. Criteria

10.2.5.4 Test support requirements.

10.2.5.4a Change to read as follows: “Instrumentation. Indicates the data collection method that will be used and the approximate number and types of parameters to be recorded.”

10.2.5.4b Test Logistics,” change to “identify logistics requirements including maintenance and repair for test equipment and facilities, and packaging, handling, storage and transportation (PHS&T) for test articles, support equipment and spares.

(Continued)
CONTRACT DATA REQUIREMENTS LIST (Continuation Sheet)

A. CONTRACT LINE ITEM NO: 0202 B. EXHIBIT: C
C. CATEGORY: TDP___ TM___ OTHER___X___
D. SYSTEM/ITEM: NMD LSI
E. CONTRACT/PR. NO: HQ0006-98-C-0003 F. CONTRACTOR: BOEING

1. DATA ITEM NO.: C002
2. TITLE OF DATA ITEM: Test Plan
3. SUBTITLE: NMD Integrated Test and Evaluation Plan (ITEP)

Block 4:(Cont.)
10.2.5.4c Change “Government facilities” to “Government facilities and locations for each type of test…” Change to read as follows: “Government test facilities. Identify the specific government to be used for each type of test.”
10.2.5.4d Change to read as follows: “Data reduction and analysis. Describes data to be collected and the data reduction and analysis techniques that will be used to interpret the data.” “An overview of the procedures that the contractor will use to analyze, evaluate, and verify the test results will also be provided.
10.2.5.5 Change to read: General Tests: This section shall provide a listing for each type of test, a description, test methodology and general change to procedures.
10.2.5.6 Special tests. Change to read as follows: “Special tests. Provides a list of special test resources necessary to verify satisfactory system or subsystem performance to specifications.”

Block 8: Government review and approval (or disapproval) and comments will be provided within 45 days after receipt of each submittal. Submit final test plan within 30 days after receipt of Government comments.

(End of C002)
CONTRACT DATA REQUIREMENTS LIST

A. CONTRACT LINE ITEM NO: 0202
B. EXHIBIT: C
C. CATEGORY: TDP___ TM___ OTHER___ X___
D. SYSTEM/ITEM: NMD LSI
E. CONTRACT/PR. NO: HQ0006-98-C-0003  F. CONTRACTOR: BOEING

1. DATA ITEM NO.: C003
2. TITLE OF DATA ITEM: Test Design and Assessment Report
3. SUBTITLE: Ground and Flight Test Evaluation and Assessment Final Report
4. AUTHORITY: (Data Acquisition Document No.): DI-ATTS-81273/T
5. CONTRACT REFERENCE: SOW para. 8.7.6
6. REQUIRING OFFICE:
7. DD250 REQ: LT
8. APP CODE: AD
9. DISTRIBUTION STATEMENT REQUIRED: F
10. FREQUENCY: OTIME
11. AS OF DATE: N/A
12. DATE OF FIRST SUBMISSION: See Block 16
13. DATE OF SUBSEQUENT SUBMISSION: See Block 16
14. DISTRIBUTION and 15. TOTAL COPIES: See Table C-1
16. REMARKS:

Block 4:
3.1 Change first sentence to read as follows: “This report documents the results of the evaluation of a system’s test design”.
7.1 Change to read as follows: “This DID contains the format and preparation instructions for system evaluation resulting from a specified test phase or period.”
7.2 Delete this paragraph in its entirety.
10.2 Change to read as follows: “Format. The Test Evaluation and Assessment Final Report shall be in the contractor’s format.”
10.3 Change to read as follows: “Content Requirements. The content of the Test Evaluation and Assessment Final Report shall be the following:”
10.3.1 Change to read as follows: “A brief description of the functional operation of the system and of each element.”
10.3.2 Change to read as follows: “A description of the systems operational concept.”
10.3.3.1 Change to read as follows: “Identification of mission requirements and operational constraints.”
10.3.3.2 Change to read as follows: “For each item to be included in this analysis, a definition of risks and risk mitigation and identification of areas that require additional testing.”
(Continued)

G. PREPARED BY: LTC CRAIG MAC ALLISTER  H. DATE: 18 MAR 98
I. APPROVED BY: A. L. AUSTIN, BMDO/DCTD  J. DATE: 18 MAR 98
CONTRACT DATA REQUIREMENTS LIST (Continuation Sheet)

A. CONTRACT LINE ITEM NO: 0202  B. EXHIBIT: C
C. CATEGORY: TDP____ TM____ OTHER___X___
D. SYSTEM/ITEM: NMD LSI
E. CONTRACT/PR. NO: HQ0006-98-C-0003  F. CONTRACTOR: BOEING

1. DATA ITEM NO.: C003
2. TITLE OF DATA ITEM: Test Design and Assessment Report
3. SUBTITLE: Ground and Flight Test Evaluation and Assessment Final Report

Block 4: (Cont.)
10.3.3.3 Change to read as follows: “System integration and performance measurements tested.”
10.3.3.4 Change to read as follows: “System engagement performance measurements tested, e.g., acquisition, track, discrimination, interception, etc.”
10.3.3.5 Change to read as follows: “System kill capability and performance assessment.”
10.3.3.6 Change to read as follows: “Human-in-control operations and performance Measurements tested.”
10.3.3.7 Add item to read as follows: “Assessment of verification related to testing, demonstrations, inspections and T&E analysis”.

Block 8: Government review and approval (or disapproval) and comments will be provided within 45 days after receipt of each submittal. Submit final test plan within 30 days after receipt of Government comments.

Blocks 12 and 13: Submit Draft Report will be submitted 75 calendar days prior to Systems acceptance for Government approval. Submit Final at End of Deployment period (CLIN 0201).

(End of C003)
CONTRACT DATA REQUIREMENTS LIST

A. CONTRACT LINE ITEM NO: **0202**
B. EXHIBIT: **C**
C. CATEGORY: **TDP** **TM** **OTHER** **X**
D. SYSTEM/ITEM: **NMD LSI**
E. CONTRACT/PR. NO: **HQ0006-98-C-0003**
F. CONTRACTOR: **BOEING**

1. DATA ITEM NO.: **C004**
2. TITLE OF DATA ITEM: **Presentation Material**
3. SUBTITLE: **Presentation Material for Meetings, Audits & Reviews**
4. AUTHORITY: *(Data Acquisition Document No.):* **See Block 16**
5. CONTRACT REFERENCE: **SOW para. 8.2.1, 8.3.2**
6. REQUIRING OFFICE:
7. DD250 REQ: **LT**
8. APP CODE: **N/A**
9. DISTRIBUTION STATEMENT REQUIRED: **F**
10. FREQUENCY: **See Block 16**
11. AS OF DATE: **N/A**
12. DATE OF FIRST SUBMISSION: **See Block 16**
13. DATE OF SUBSEQUENT SUBMISSION: **See Block 16**
14. DISTRIBUTION and 15. TOTAL COPIES: **See Table C-1**
15. REMARKS:

**Block 4:**
Conference Agenda per DI-ADMN-81249A; Conference Minutes per DI-ADMN-81250; Presentation Material per DI-ADMN-81373.

Blocks 10, 12 and 13: **Agenda:** Submit agenda 10 days prior to the Reviews. **Presentation Material** will be presented at the reviews. **Minutes:** Minutes, if required will be submitted within 14 days after review. If corrections are required, submit revised within 14 days of receipt of Government comments.

Applicability: This CDRL shall apply to the following formal program reviews/meetings:
1. System Critical Design Review (SCDR)/Production Readiness Review (PRR)
2. Site Activation Readiness Review (SARR)
3. System Verification Review (SVR)

**G. PREPARED BY:** **LTC CRAIG MAC ALLISTER**
**H. DATE:** **18 MAR 98**
**I. APPROVED BY:** **A. L. AUSTIN, BMDO/DCTD**
**J. DATE:** **18 MAR 98**
CONTRACT DATA REQUIREMENTS LIST

A. CONTRACT LINE ITEM NO: 0202
B. EXHIBIT: C
C. CATEGORY: TDP___ TM___ OTHER___ X___
D. SYSTEM/ITEM: NMD LSI
E. CONTRACT/PR. NO: HQ0006-98-C-0003
F. CONTRACTOR: BOEING

1. DATA ITEM NO.: C005
2. TITLE OF DATA ITEM: Scientific and Technical Reports
3. SUBTITLE: System Acceptance and Turnover Plan
4. AUTHORITY: (Data Acquisition Document No.): DI-MISC-80711/T
5. CONTRACT REFERENCE: SOW para. 8.8.4
6. REQUIRING OFFICE:
7. DD250 REQ: LT
8. APP CODE: A
9. DISTRIBUTION STATEMENT REQUIRED: F
10. FREQUENCY: 0TIME
11. AS OF DATE: ASREQ
12. DATE OF FIRST SUBMISSION: 30 DAC
13. DATE OF SUBSEQUENT SUBMISSION: ASREQ
14. DISTRIBUTION and TOTAL COPIES: See Table C-1
15. REMARKS:

Block 4:
The document will contain a detailed description of the Contractor’s plan for preparing the NMD LSI System for acceptance by the Government. It will describe all acceptance testing to be performed by the Contractor and the criteria for successful completion of the tests. The plan will contain a detailed listing of the acceptance data package to be provided to the Government when the system is delivered, i.e., DD250.

Block 8: Government review and approval (or disapproval) and comments will be provided within 45 days after receipt of each submittal. Submit final SATP within 30 days after receipt of Government comments.

G. PREPARED BY: LTC CRAIG MAC ALLISTER
H. DATE: 18 MAR 98
I. APPROVED BY: A. L. AUSTIN, BMDO/DCTD
J. DATE: 18 MAR 98
CONTRACT DATA REQUIREMENTS LIST

A. CONTRACT LINE ITEM NO: 0202
B. EXHIBIT: C
C. CATEGORY: TDP_____ TM_____ OTHER____X____
D. SYSTEM/ITEM: NMD LSI
E. CONTRACT/PR. NO: HQ0006-98-C-0003  F. CONTRACTOR: BOEING

1. DATA ITEM NO.: C006
2. TITLE OF DATA ITEM: Scientific and Technical Reports
3. SUBTITLE: Operational Suitability Assessment Report
4. AUTHORITY: (Data Acquisition Document No.): DI-MISC-80711/T
5. CONTRACT REFERENCE: SOW para. 8.8.2
6. REQUIRING OFFICE:
7. DD250 REQ: LT
8. APP CODE: N/A
9. DISTRIBUTION STATEMENT REQUIRED: F
10. FREQUENCY: OTIME
11. AS OF DATE: N/A
12. DATE OF FIRST SUBMISSION: 120 Days after Option
13. DATE OF SUBSEQUENT SUBMISSION: ASREQ
14. DISTRIBUTION and TOTAL COPIES: See Table C-1
15. TOTAL COPIES: See Table C-1
16. REMARKS:

Block 4:
The document will contain the Contractor’s assessment of the operational suitability of the system at the time the report is submitted. The assessment shall consider availability, compatibility, transportability, interoperability, reliability, war time usage rates, testability, maintainability, safety, human factors, manpower supportability, logistics supportability, natural environmental effects and impacts, documentation, and training requirements. The Contractor shall use analysis, modeling, simulations and test data in making the assessment and shall provide rationale and supporting data for the assessment results.

G. PREPARED BY: LTC CRAIG MAC ALLISTER  H. DATE: 18 MAR 98
I. APPROVED BY: A. L. AUSTIN, BMDO/DCTD  J. DATE: 18 MAR 98
CONTRACT DATA REQUIREMENTS LIST

A. CONTRACT LINE ITEM NO:  0202  
B. EXHIBIT:  C  
C. CATEGORY:  TDP___ TM___ OTHER___X___  
D. SYSTEM/ITEM:  NMD LSI  
E. CONTRACT/PR. NO:  HQ0006-98-C-0003  
F. CONTRACTOR:  BOEING  

1. DATA ITEM NO.:  C007  
2. TITLE OF DATA ITEM:  Site Preparation Requirements and Installation Plan  
3. SUBTITLE:  Capstone Site Activation Plan (CSAP)  
4. AUTHORITY:  (Data Acquisition Document No.):  DI-MGMT-80033  
5. CONTRACT REFERENCE:  SOW para. 8.3.6, 8.8.4  
6. REQUIRING OFFICE:  
7. DD250 REQ:  LT  
8. APP CODE:  A  
9. DISTRIBUTION STATEMENT REQUIRED:  F  
10. FREQUENCY:  OTIME  
11. AS OF DATE:  N/A  
12. DATE OF FIRST SUBMISSION:  30 Days after Option is Exercised.  
13. DATE OF SUBSEQUENT SUBMISSION:  ASREQ  
14. DISTRIBUTION and TOTAL COPIES:  See Table C-1  
15. DISTRIBUTION STATEMENT REQUIRED:  F  
16. DISTRIBUTION and TOTAL COPIES:  See Table C-1

REMARKS:
Block 8: Government review and approval (or disapproval) and comments will be provided within 45 days after receipt of each submittal. Submit final CASP within 30 days after receipt of Government comments.

G. PREPARED BY:  LTC CRAIG MAC ALLISTER  
H. DATE:  18 MAR 98  
I. APPROVED BY:  A. L. AUSTIN, BMDO/DCTD  
J. DATE:  18 MAR 98
CONTRACT DATA REQUIREMENTS LIST

A. CONTRACT LINE ITEM NO: 0202  B. EXHIBIT: C
C. CATEGORY: TDP___ TM___ OTHER___X___
D. SYSTEM/ITEM: NMD LSI
E. CONTRACT/PR. NO: HQ0006-98-C-0003  F. CONTRACTOR: BOEING

1. DATA ITEM NO.: C008
2. TITLE OF DATA ITEM: Scientific and Technical Reports
3. SUBTITLE: Technical Reports
4. AUTHORITY: (Data Acquisition Document No.): DI-MISC-80711/T
5. CONTRACT REFERENCE: SOW para. 8.2.3, 8.3.2
6. REQUIRING OFFICE:
7. DD250 REQ: LT
8. APP CODE: N/A
9. DISTRIBUTION STATEMENT REQUIRED: F
10. FREQUENCY: See Block 16
11. AS OF DATE: See Block 16
12. DATE OF FIRST SUBMISSION: See Block 16
13. DATE OF SUBSEQUENT SUBMISSION: C
14. DISTRIBUTION and TOTAL COPIES: See Table C-1
15. REMARKS:
Block 4:
This CDRL item shall contain formal documentation of technical information.
Contractor format is acceptable.

Blocks 12 and 13: Specific submittal requirements for these reports will be determined as part of on-going IPT activity.

G. PREPARED BY: LTC CRAIG MAC ALLISTER  H. DATE: 18 MAR 98
I. APPROVED BY: A. L. AUSTIN, BMDO/DCTD  J. DATE: 18 MAR 98
CONTRACT DATA REQUIREMENTS LIST

A. CONTRACT LINE ITEM NO: 0202  B. EXHIBIT: C
C. CATEGORY: TDP___ TM___ OTHER___X___
D. SYSTEM/ITEM: NMD LSI
E. CONTRACT/PR. NO: HQ0006-98-C-0003  F. CONTRACTOR: BOEING

1. DATA ITEM NO.: C009
2. TITLE OF DATA ITEM: Scientific and Technical Reports
3. SUBTITLE: System Behavior Analysis Report
4. AUTHORITY: (Data Acquisition Document No.): DI-MISC-80711/T
5. CONTRACT REFERENCE: SOW para. 8.2.10
6. REQUIRING OFFICE:
7. DD250 REQ: LT
8. APP CODE: N/A
9. DISTRIBUTION STATEMENT REQUIRED: F
10. FREQUENCY: See Block 16
11. AS OF DATE: ASREQ
12. DATE OF FIRST SUBMISSION: See Block 16
13. DATE OF SUBSEQUENT SUBMISSION: See Block 16
14. DISTRIBUTION and TOTAL COPIES: See Table C-1
15. REMARKS:

Block 4:

10.2 Change to read as follows: Document shall be in accordance with Contractor format. Add the following: Contents of report shall:
- Identify/Document results of Behavior Verification for BMC3 upgrades/modifications to BMC3 elements
  - Compared to Baseline BMC3 Behavior
  - Compared to BMC3 Requirements

Block 10: Report verification of changes following each upgrade/modification to BMC3 Element of NMD System.

Blocks 12, 13: Within 30 Days following completion of each incremental upgrade to BMC3 Element.

G. PREPARED BY: LTC CRAIG MAC ALLISTER  H. DATE: 18 MAR 98
I. APPROVED BY: A. L. AUSTIN, BMDO/DCTD  J. DATE: 18 MAR 98
CONTRACT DATA REQUIREMENTS LIST

A. CONTRACT LINE ITEM NO:  0202  
B. EXHIBIT:  C  
C. CATEGORY:  TDP___ TM___ OTHER___X___  
D. SYSTEM/ITEM:  NMD LSI  
E. CONTRACT/PR. NO:  HQ0006-98-C-0003  
F. CONTRACTOR:  BOEING  

1. DATA ITEM NO.:  C010  
2. TITLE OF DATA ITEM:  Scientific and Technical Reports  
3. SUBTITLE:  Information Architecture (IA)  
4. AUTHORITY:  (Data Acquisition Document No.):  DI-MISC-80711/T  
5. CONTRACT REFERENCE:  SOW para. 8.2.10  
6. REQUIRING OFFICE:  
7. DD250 REQ:  LT  
8. APP CODE:  N/A  
9. DISTRIBUTION STATEMENT REQUIRED:  F  
10. FREQUENCY:  OTIME  
11. AS OF DATE:  ASREQ  
12. DATE OF FIRST SUBMISSION:  AT DRR  
13. DATE OF SUBSEQUENT SUBMISSION:  NA  
14. DISTRIBUTION and 15. TOTAL COPIES:  See Table C-1  
16. REMARKS:  

Block 4:

This CDRL documents the status of the Information Architecture at the end of the CLIN and delivers a complete version of the Information Architecture Model.  
10.2 Change to read as follows: Report will be prepared in contractor format and submitted as electronic files via zip disk.  
10.3 Change to read as follows: This report shall contain three electronic files:  
10.3.1 A complete up-to-date version of the Information Architecture Model.  
10.3.2 A file containing a detailed description of the functions of the Information Architecture and its interfaces with other elements/systems.  
10.3.3 A File containing a complete dictionary of terms and definitions used in the Information Architecture.  

G. PREPARED BY:  LTC CRAIG MAC ALLISTER  
H. DATE:  18 MAR 98  
I. APPROVED BY:  A. L. AUSTIN, BMDO/DCTD  
J. DATE:  18 MAR 98
CONTRACT DATA REQUIREMENTS LIST

A. CONTRACT LINE ITEM NO: 0202  B. EXHIBIT: C
C. CATEGORY: TDP___ TM___ OTHER___X___
D. SYSTEM/ITEM: NMD LSI
E. CONTRACT/PR. NO: HQ0006-98-C-0003  F. CONTRACTOR: BOEING

1. DATA ITEM NO.: C011
2. TITLE OF DATA ITEM: Verification, Demonstration and Evaluation Plan
3. SUBTITLE: NMD System Verification Plan
4. AUTHORITY: (Data Acquisition Document No.): DI-MNTY-81188/T
5. CONTRACT REFERENCE: SOW para. 8.2.10
6. REQUIRING OFFICE:
7. DD250 REQ: LT
8. APP CODE: N/A
9. DISTRIBUTION STATEMENT REQUIRED: F
10. FREQUENCY: OTIME
11. AS OF DATE: ASREQ
12. DATE OF FIRST SUBMISSION: System CDR - 30 Days
13. DATE OF SUBSEQUENT SUBMISSION: ASREQ
14. DISTRIBUTION and TOTAL COPIES: See Table A-1
15. REMARKS:
   Block 4:
10.1 Delete "Demonstration and Evaluations".
10.2 Content. Delete and insert the following:
The Verification Plan shall describe, at the system level, how system requirements will be verified through testing, simulation and analysis. It shall include top level schedules, descriptions of test facilities and equipment, and overall planning approach.

G. PREPARED BY: LTC CRAIG MAC ALLISTER  H. DATE: 18 MAR 98
I. APPROVED BY: A. L. AUSTIN, BMDO/DCTD  J. DATE: 18 MAR 98
CONTRACT DATA REQUIREMENTS LIST

A. CONTRACT LINE ITEM NO: 0202 B. EXHIBIT: C
C. CATEGORY: TDP  TM  OTHER  X
D. SYSTEM/ITEM: NMD LSI
E. CONTRACT/PR. NO: HQ0006-98-C-0003  F. CONTRACTOR: BOEING

1. DATA ITEM NO.: C012  
2. TITLE OF DATA ITEM: Scientific and Technical Reports  
3. SUBTITLE: Initial Sustainment Plan  
4. AUTHORITY: (Data Acquisition Document No.): DI-MISC-80711/T
5. CONTRACT REFERENCE: SOW para.8.8.5
6. REQUIRING OFFICE:
7. DD250 REQ: LT
8. APP CODE: A
9. DISTRIBUTION STATEMENT REQUIRED: F
10. FREQUENCY: OTIME
11. AS OF DATE: ASREQ
12. DATE OF FIRST SUBMISSION: DRR +180CD
13. DATE OF SUBSEQUENT SUBMISSION: ASREQ
14. DISTRIBUTION and TOTAL COPIES: See Table C-1
15. REMARKS:

Block 4: 
This document shall describe the Contractor’s plan for providing initial sustainment of the NMD System at all sites. It shall detail all sustainment support to be provided by the Contractor (and subcontractors) including support services (logistics and maintenance), spares and repair parts, depot support, training, documentation, software support, sustaining engineering and such other support and services as may be required under the terms of the contract. The information to be provided must be sufficient to assure the Government that the NMD System can be maintained at the required levels of readiness with the planned level of support.

Block 8: Government review and approval (or disapproval) and comments will be provided within 45 days after receipt of each submittal. Submit final Initial Sustainment Plan within 30 days after receipt of Government comments.

G. PREPARED BY: LT COL MUN KWON  H. DATE: P00047
I. APPROVED BY: MR MIKE WALLACE BMDO/RMC  J. DATE: P00047
EXHIBIT D

CONTRACT DATA REQUIREMENTS LIST (CDRL)

FOR THE

NATIONAL MISSILE DEFENSE (NMD) LEAD SYSTEM INTEGRATOR (LSI)

NMD LSI Continued Development #2 CDRL

18 March 1998
**Table D-1, CDRL Distribution Matrix**

* These are the intended recipients of CDRL items. Electronic per CDRL instruction paragraph 11c will satisfy BMDO unclassified distribution requirements.
CONTRACT DATA REQUIREMENTS LIST

<p>| | |</p>
<table>
<thead>
<tr>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>A. CONTRACT LINE ITEM NO:</td>
<td>0113</td>
</tr>
<tr>
<td>B. EXHIBIT:</td>
<td>D</td>
</tr>
<tr>
<td>C. CATEGORY:</td>
<td>TDP___ TM___ OTHER___X___</td>
</tr>
<tr>
<td>D. SYSTEM/ITEM:</td>
<td>NMD LSI</td>
</tr>
<tr>
<td>E. CONTRACT/PR. NO:</td>
<td>HQ0006-98-C-0003</td>
</tr>
<tr>
<td>F. CONTRACTOR:</td>
<td>BOEING</td>
</tr>
</tbody>
</table>

1. DATA ITEM NO.: D001
2. TITLE OF DATA ITEM: Design Review Data Pack
3. SUBTITLE: CIU2 Deployment Readiness Review (DRR) Data Pack
4. AUTHORITY: (Data Acquisition Document No.): See Block 16
5. CONTRACT REFERENCE: SOW para. 5.2.1, 5.3.6
6. REQUIRING OFFICE:
7. DD250 REQ: LT
8. APP CODE: A
9. DISTRIBUTION STATEMENT REQUIRED: F
10. FREQUENCY: See Block 16
11. AS OF DATE: ASREQ
12. DATE OF FIRST SUBMISSION: See Block 16
13. DATE OF SUBSEQUENT SUBMISSION: See Block 16
14. DISTRIBUTION and TOTAL COPIES: See Table D-1
15. REMARKS:

Block 4:
Conference Agenda per DI-ADMN-81249A; Conference Minutes per DI-ADMN-81250A; Data Package per ILSS-81335. Contractor format is acceptable.

Block 8: Agenda: Government agenda comments will be provided within 10CD after receipt. Data Package: Government comments, if applicable, to the presentation material will be provided within 7 days after receipt. Minutes: Government approval (or disapproval) and comments will be provided within 45 days after receipt.

Blocks 10, 12 and 13: Agenda: Submit agenda 15CD prior to CIU2 DRR. Data Package: Submit paper copies of the presentation material 15CD prior to CIU2 DRR. Handouts of the Presentation Material/Data Package to attendees at CIU2 DRR. Minutes: Submit Minutes within 14CD after review. If disapproved or corrections are required, submit revised Minutes within 14 days of receipt of Government comments.

G. PREPARED BY: LTC CRAIG MAC ALLISTER  
H. DATE: 18 MAR 98
I. APPROVED BY: A. L. AUSTIN, BMDO/DCTD  
J. DATE: 18 MAR 98
CONTRACT DATA REQUIREMENTS LIST

A. CONTRACT LINE ITEM NO: 0113  B. EXHIBIT: D
C. CATEGORY: TDP___ TM___ OTHER___X___
D. SYSTEM/ITEM: NMD LSI
E. CONTRACT/PR. NO: HQ0006-98-C-0003  F. CONTRACTOR: BOEING

1. DATA ITEM NO.: D002
2. TITLE OF DATA ITEM: Software Development Plan (SDP)
3. SUBTITLE: NMD Software Development Plan (SDP)
4. AUTHORITY: (Data Acquisition Document No.): DI-IPSC-81427/T
5. CONTRACT REFERENCE: SOW para. 5.2.3
6. REQUIRING OFFICE:
7. DD250 REQ: LT
8. APP CODE: A
9. DISTRIBUTION STATEMENT REQUIRED: F
10. FREQUENCY: ONE/R
11. AS OF DATE: ASREQ
12. DATE OF FIRST SUBMISSION: See Block 16
13. DATE OF SUBSEQUENT SUBMISSION: See Block 16
14. DISTRIBUTION and TOTAL COPIES: See Table D-1
15. REMARKS:

Block 4:
Delete the following paragraphs in their entirety:
4.2.3,
4.2.3.1,
4.2.3.2,
4.2.5 and
5.8

Block 8: Government review and approval (or disapproval) and comments will be provided within 45 days after receipt of each submittal. Submit final NMD Software Development Plan within 30 days after receipt of Government comments.

Blocks 10, 12 and 13: The Software Development Plan (SDP) will be updated, as required, and submitted for Government approval at C1U2 Preliminary Design Review (PDR).

G. PREPARED BY: LTC CRAIG MAC ALLISTER  H. DATE: 18 MAR 98
I. APPROVED BY: A. L. AUSTIN, BMDO/DCTD  J. DATE: 18 MAR 98
CONTRACT DATA REQUIREMENTS LIST

A. CONTRACT LINE ITEM NO: 0113  B. EXHIBIT: D
C. CATEGORY: TDP TM OTHER X
D. SYSTEM/ITEM: NMD LSI
E. CONTRACT/PR. NO: HQ0006-98-C-0003  F. CONTRACTOR: BOEING

1. DATA ITEM NO.: D003
2. TITLE OF DATA ITEM: Presentation Material
3. SUBTITLE: Presentation Material for Meetings, Audits & Reviews
4. AUTHORITY: (Data Acquisition Document No.): See Block 16
5. CONTRACT REFERENCE: SOW para. 5.2.1, 5.3.2
6. REQUIRING OFFICE:
7. DD250 REQ: LT
8. APP CODE: N/A
9. DISTRIBUTION STATEMENT REQUIRED: F
10. FREQUENCY: See Block 16
11. AS OF DATE: N/A
12. DATE OF FIRST SUBMISSION: See Block 16
13. DATE OF SUBSEQUENT SUBMISSION: See Block 16
14. DISTRIBUTION and TOTAL COPIES: See Table D-1
15. REMARKS:

Block 4:
Conference Agenda per DI-ADMN-81249A; Conference Minutes per DI-ADMN-81250; Presentation Material per DI-ADMN-81373.

Blocks 10, 12 and 13: Agenda: Submit agenda 10 days prior to the Reviews. Presentation Material will be presented at the reviews. Minutes: Minutes, if required will be submitted within 14 days after review. If corrections are required, submit revised within 14 days of receipt of Government comments.

Applicability: This CDRL shall apply to the following formal program reviews/meetings:
1. C1U2 Preliminary Design Review (PDR)
2. C1U2 Interim Design Review (IDR)

G. PREPARED BY: LTC CRAIG MAC ALLISTER  H. DATE: 18 MAR 98
I. APPROVED BY: A. L. AUSTIN, BMDO/DCTD  J. DATE: 18 MAR 98
CONTRACT DATA REQUIREMENTS LIST

A. CONTRACT LINE ITEM NO: 0113  
B. EXHIBIT: D  
C. CATEGORY: TDP___ TM___ OTHER___X___  
D. SYSTEM/ITEM: NMD LSI  
E. CONTRACT/PR. NO: HQ0006-98-C-0003  
F. CONTRACTOR: BOEING  

1. DATA ITEM NO.: D004  
2. TITLE OF DATA ITEM: Scientific and Technical Reports  
3. SUBTITLE: DRR Criteria and Metrics  
4. AUTHORITY: (Data Acquisition Document No.): DI-MISC-80711/T  
5. CONTRACT REFERENCE: SOW para. 5.2.1, 5.3.6  
6. REQUIRING OFFICE: BMDO/JNI  
7. DD250 REQ: LT  
8. APP CODE: See Block 16  
9. DISTRIBUTION STATEMENT REQUIRED: F  
10. FREQUENCY: See Block 16  
11. AS OF DATE: ASREQ  
12. DATE OF FIRST SUBMISSION: ATP + 30 Days  
13. DATE OF SUBSEQUENT SUBMISSION: See Block 16  
14. DISTRIBUTION and TOTAL COPIES: See Table D-1  
15. REMARKS: 

Block 4:  
10 Preparation Instructions.  
This CDRL shall contain specific completion criteria and associated metrics consistent with the NMD program, updated for C1U2.  

Content. DRR Criteria and Metrics shall be organized based on the following:  
• Performance Criteria  
  – Provide Assessment to Meet User Requirements  
  – Provide Ground and Flight Test Evaluations of System / Elements  
• Demonstration Criteria  
  – Demonstrate Performance of NMD System Supported by Test & Evaluation Data  
• Deployment Criteria  
  – Readiness to Produce and Deploy Effective NMD System  
  – Establish / Maintain Capability and Flexibility to Deploy in 3 years  
  – Provide Detailed Planning to Produce and Deploy NMD System with 3 years of Deployment Decision  

(Continued)
CONTRACT DATA REQUIREMENTS LIST (Continuation Sheet)

A. CONTRACT LINE ITEM NO: 0113  B. EXHIBIT: D
C. CATEGORY: TDP___ TM___ OTHER___ X___
D. SYSTEM/ITEM: NMD LSI
E. CONTRACT/PR. NO: HQ0006-98-C-0003  F. CONTRACTOR: BOEING

1. DATA ITEM NO.: D004
2. TITLE OF DATA ITEM: Scientific and Technical Reports
3. SUBTITLE: DRR Criteria and Metrics

Block 4: (Cont.)
• Deployment Criteria (Cont.)
  – Demonstrate Flexible Robust Design that Preserves ABM Treaty Compliant Architecture
  – Deployment Readiness Plans
  – Operational Sustainment Readiness Plans
• Cost, Schedule and Risk for Deployment
  – Candidate Development / Deployment Trades
  – Plan to Evolve from Proposed C1 Deployment(s) to C2/C3 Capability

Blocks 8: DRR Criteria and Metrics shall be assumed to be approved by the Government unless the Contractor is notified in writing by the PCO within 30 calendar days after receipt.

Blocks: 10, 13: DRR Criteria and Metrics shall be prepared on an “ASREQ” basis. DRR Criteria and Metrics shall be submitted as least ANNUALLY and shall include CDRL A007, IMP Changes that result from changes in DRR Criteria and Metrics. In addition, IMP Changes that impact DRR Criteria and Metrics shall result in a revision.

(End of D004)
CONTRACT DATA REQUIREMENTS LIST

A. CONTRACT LINE ITEM NO: 0113 B. EXHIBIT: D
C. CATEGORY: TDP___ TM___ OTHER___X___
D. SYSTEM/ITEM: NMD LSI
E. CONTRACT/PR. NO: HQ0006-98-C-0003 F. CONTRACTOR: BOEING

1. DATA ITEM NO.: D005
2. TITLE OF DATA ITEM: Scientific and Technical Reports
3. SUBTITLE: Operational Suitability Assessment Report
4. AUTHORITY: (Data Acquisition Document No.): DI-MISC-80711/T
5. CONTRACT REFERENCE: SOW para. 5.8.2
6. REQUIRING OFFICE:
7. DD250 REQ: LT
8. APP CODE: N/A
9. DISTRIBUTION STATEMENT REQUIRED: F
10. FREQUENCY: OTIME
11. AS OF DATE: N/A
12. DATE OF FIRST SUBMISSION: 45 Days prior to PDR
13. DATE OF SUBSEQUENT SUBMISSION: ASREQ
14. DISTRIBUTION and TOTAL COPIES: See Table D-1
15. TOTAL COPIES: See Table D-1
16. REMARKS:

Block 4:
The document will contain the Contractor’s assessment of the operational suitability of the system at the time the report is submitted. The assessment shall consider availability, compatibility, transportability, interoperability, reliability, war time usage rates, testability, maintainability, safety, human factors, manpower supportability, logistics supportability, natural environmental effects and impacts, documentation, and training requirements. The Contractor shall use analysis, modeling, simulations and test data in making the assessment and shall provide rationale and supporting data for the assessment results.

G. PREPARED BY: LTC CRAIG MAC ALLISTER H. DATE: 18 MAR 98
I. APPROVED BY: A. L. AUSTIN, BMDO/DCTD J. DATE: 18 MAR 98
CONTRACT DATA REQUIREMENTS LIST

A. CONTRACT LINE ITEM NO: 0113  
B. EXHIBIT: D  
C. CATEGORY: TDP___ TM___ OTHER___X___  
D. SYSTEM/ITEM: NMD LSI  
E. CONTRACT/PR. NO: HQ0006-98-C-0003  
F. CONTRACTOR: BOEING  

1. DATA ITEM NO.: D006  
2. TITLE OF DATA ITEM: Scientific and Technical Reports  
3. SUBTITLE: Technical Reports  
4. AUTHORITY: (Data Acquisition Document No.): DI-MISC-80711/T  
5. CONTRACT REFERENCE: SOW para. 5.2.2, 5.2.8, 5.3.2  
6. REQUIRING OFFICE:  
7. DD250 REQ: LT  
8. APP CODE: N/A  
9. DISTRIBUTION STATEMENT REQUIRED: F  
10. FREQUENCY: See Block 16  
11. AS OF DATE: See Block 16  
12. DATE OF FIRST SUBMISSION: See Block 16  
13. DATE OF SUBSEQUENT SUBMISSION: See Block 16  
14. DISTRIBUTION and TOTAL COPIES: See Table D-1  
15. REMARKS:  
Block 4:  
This CDRL item shall contain formal documentation of technical information. Contractor format is acceptable.  
Blocks 12 and 13: Specific submittal requirements for these reports will be determined as part of on-going IPT activity.  

G. PREPARED BY: LTC CRAIG MAC ALLISTER  
H. DATE: 18 MAR 98  
I. APPROVED BY: A. L. AUSTIN, BMDO/DCTD  
J. DATE: 18 MAR 98
CONTRACT DATA REQUIREMENTS LIST

A. CONTRACT LINE ITEM NO: 0113  
B. EXHIBIT: D
C. CATEGORY: TDP___ TM___ OTHER___X___
D. SYSTEM/ITEM: NMD LSI
E. CONTRACT/PR. NO: HQ0006-98-C-0003  F. CONTRACTOR: BOEING

1. DATA ITEM NO.: D007
2. TITLE OF DATA ITEM: Test Plan
3. SUBTITLE: Weapon System Test Plan
4. AUTHORITY: (Data Acquisition Document No.): DI-NDTI-80566/T
5. CONTRACT REFERENCE: SOW para. 5.3.5
6. REQUIRING OFFICE:
7. DD250 REQ: LT
8. APP CODE: N/A
9. DISTRIBUTION STATEMENT REQUIRED: F
10. FREQUENCY: ONE/R
11. AS OF DATE: ASREQ
12. DATE OF FIRST SUBMISSION: Update 60 Days after ATP
13. DATE OF SUBSEQUENT SUBMISSION: ASREQ
14. DISTRIBUTION and TOTAL COPIES: See Table D-1
15. REMARKS:
    Block 4:

10.3.1A Change to read
    “Title of the test program to be conducted.”

G. PREPARED BY: LTC CRAIG MAC ALLISTER  
H. DATE: 18 MAR 98
I. APPROVED BY: A. L. AUSTIN, BMDO/DCTD  
J. DATE: 18 MAR 98

D-10
CONTRACT DATA REQUIREMENTS LIST

A. CONTRACT LINE ITEM NO: 0113  B. EXHIBIT: D
C. CATEGORY: TDP___ TM___ OTHER___ X
D. SYSTEM/ITEM: NMD LSI
E. CONTRACT/PR. NO: HQ0006-98-C-0003  F. CONTRACTOR: BOEING

1. DATA ITEM NO.: D008
2. TITLE OF DATA ITEM: Test Plan
3. SUBTITLE: Weapon System Verification Plan
4. AUTHORITY: (Data Acquisition Document No.): DI-NDTI-80566/T
5. CONTRACT REFERENCE: SOW para. 5.3.5
6. REQUIRING OFFICE:
7. DD250 REQ: LT
8. APP CODE: N/A
9. DISTRIBUTION STATEMENT REQUIRED: F
10. FREQUENCY: ONE/T
11. AS OF DATE: ASREQ
12. DATE OF FIRST SUBMISSION: Update 60 Days after ATP
13. DATE OF SUBSEQUENT SUBMISSION: ASREQ
14. DISTRIBUTION and TOTAL COPIES: See Table D-1
15. REMARKS:

Block 4:
Change “test” to “verification”.
Verification is defined as demonstration, analyses (including math models and simulations) and inspections.

G. PREPARED BY: LTC CRAIG MAC ALLISTER  H. DATE: 18 MAR 98
I. APPROVED BY: A. L. AUSTIN, BMDO/DCTD  J. DATE: 18 MAR 98
CONTRACT DATA REQUIREMENTS LIST

A. CONTRACT LINE ITEM NO: 0113 B. EXHIBIT: D
C. CATEGORY: TDP___ TM___ OTHER___ X
D. SYSTEM/ITEM: NMD LSI
E. CONTRACT/PR. NO: HQ0006-98-C-0003 F. CONTRACTOR: BOEING

1. DATA ITEM NO.: D009
2. TITLE OF DATA ITEM: System/Subsystem Specification (SSS)
3. SUBTITLE: BMC3 Element Level A Specification
4. AUTHORITY: (Data Acquisition Document No.): DI-IPSC-81431/T
5. CONTRACT REFERENCE: SOW para. 5.2.3
6. REQUIRING OFFICE:
7. DD250 REQ: LT
8. APP CODE: See Block 16A
9. DISTRIBUTION STATEMENT REQUIRED: F
10. FREQUENCY: See Block 16
11. AS OF DATE: ASREQ
12. DATE OF FIRST SUBMISSION: See Block 16
13. DATE OF SUBSEQUENT SUBMISSION: See Block 16
14. DISTRIBUTION and TOTAL COPIES: See Table D-1
15. REMARKS:

Block 4:
Add Format - Contractor format is acceptable

Block 8: Government review and approval (or disapproval) and comments will be provided within 45 days after receipt. Submit final BMC3 Element Level A Specification within 30 days of receipt of Government comments.

Blocks 10, 12, and 13: Submit incremental update to BMC3 Element Level A Specification 15 days prior to C1U2 PDR. Submit revisions as required.

G. PREPARED BY: LTC CRAIG MAC ALLISTER H. DATE: 18 MAR 98
I. APPROVED BY: A. L. AUSTIN, BMDO/DCTD J. DATE: 18 MAR 98
EXHIBIT E

CONTRACT DATA REQUIREMENTS LIST (CDRL)

FOR THE

NATIONAL MISSILE DEFENSE (NMD) LEAD SYSTEM INTEGRATOR (LSI)

CDRL Instructions and NMD LSI Basic Contract CDRL

1 March 1999
Table E-1, CDRL Distribution Matrix

- These are the intended recipients of CDRL items. Electronic per CDRL instruction paragraph 11c will satisfy BMDO unclassified distribution requirements.
### Block 14, Distribution

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CONTRACT DATA REQUIREMENTS LIST

A. CONTRACT LINE ITEM NO: 0123  B. EXHIBIT: E
C. CATEGORY: TDP___ TM___ OTHER___ X___
D. SYSTEM/ITEM: NMD LSI
E. CONTRACT/PR. NO: HQ0006-98-C-0003  F. CONTRACTOR: BOEING

1. DATA ITEM NO.: E001
2. TITLE OF DATA ITEM: Contract Funds Status Report (CFSR)
3. SUBTITLE:
4. AUTHORITY: (Data Acquisition Document No.): DI-MGMT-81468
5. CONTRACT REFERENCE: SOW para. 6.10, 10.1.0
6. REQUIRING OFFICE: BMDO/JNC
7. DD250 REQ: LT
8. APP CODE: N/A
9. DISTRIBUTION STATEMENT REQUIRED: F
10. FREQUENCY: QRTLY
11. AS OF DATE: ASREQ
12. DATE OF FIRST SUBMISSION: See Block 16
13. DATE OF SUBSEQUENT SUBMISSION: See Block 16
14. DISTRIBUTION and TOTAL COPIES: See Table E-1
15. REMARKS:
   Blocks 12 and 13: Initial Option 1 and subsequent CFSR submissions shall be delivered 25 calendar days after the end of the contractor’s accounting quarter.

G. PREPARED BY: LTC CRAIG MAC ALLISTER  H. DATE: 18 MAR 98
I. APPROVED BY: A. L. AUSTIN, BMDO/DCTD  J. DATE: 18 MAR 98
CONTRACT DATA REQUIREMENTS LIST

A. CONTRACT LINE ITEM NO: 0123  B. EXHIBIT: E
C. CATEGORY: TDP___ TM___ OTHER___X___
D. SYSTEM/ITEM: NMD LSI
E. CONTRACT/PR. NO: HQ0006-98-C-0003  F. CONTRACTOR: BOEING

1. DATA ITEM NO.: E002
2. TITLE OF DATA ITEM: Cost Performance Report (CPR)
3. SUBTITLE:
4. AUTHORITY: (Data Acquisition Document No.): DI-MGMT-81466/T
5. CONTRACT REFERENCE: SOW para. 6.10, 10.1.0
6. REQUIRING OFFICE: BMDO/JNC
7. DD250 REQ: LT
8. APP CODE: N/A
9. DISTRIBUTION STATEMENT REQUIRED: F
10. FREQUENCY: MTHLY
11. AS OF DATE: ASREQ
12. DATE OF FIRST SUBMISSION: See Block 16
13. DATE OF SUBSEQUENT SUBMISSION: See Block 16
14. DISTRIBUTION and 15. TOTAL COPIES: See Table E-1
16. REMARKS:

Block 4:
Change all references to “Cost/Schedule Control Systems Criteria (C/SCSC)” to read “Earned Value Management Systems (EVMS) Criteria”
DI-MGMT-81466, Paragraph 7.6, tailor reporting as follows:
7.6.1 Hard copies shall be submitted until electronic connectivity to the Contractor’s system is established. The Contractor shall also make hardcopy distribution to any addressee (Table A-1) who does not have electronic connectivity with the Contractor’s system. For hard copy reporting, report to CWBS level 3, unless the Contracting Officer calls for lower level reporting for a particular problem or period on an as-needed basis. Once electronic connectivity is established, addresses authorized by the Contracting Officer on behalf of the MND JPO shall have direct access to the CPR on a Contractor Integrated Technical Information Services (CITIS) basis. Simply stated, CITIS access means that the CPR addresses shall be able to directly access complete cost performance information electronically at the lowest CWBS level accumulated by the Contractor. However, the lowest level must be established so as to give Government managers visibility for major components of NMD Elements (e.g., Kill Vehicle of GBI; receiver/exciter for Ground-Based sensor(s); BMC2 software for BMC3). Electronic access shall include CPR format information for the prime contractor as well as subcontractors and shall also (Continued)

G. PREPARED BY: LTC CRAIG MAC ALLISTER  H. DATE: 18 MAR 98
I. APPROVED BY: A. L. AUSTIN, BMDO/DCTD  J. DATE: 18 MAR 98
CONTRACT DATA REQUIREMENTS LIST (Continuation Sheet)

A. CONTRACT LINE ITEM NO: 0123
B. EXHIBIT: E
C. CATEGORY: TDP___ TM___ OTHER___X___
D. SYSTEM/ITEM: NMD LSI
E. CONTRACT/PR. NO: HQ0006-98-C-0003
F. CONTRACTOR: BOEING

1. DATA ITEM NO.: E002
2. TITLE OF DATA ITEM: Cost Performance Report (CPR)
3. SUBTITLE:

Block 4 (Cont.):
include access to any trends, indices (SPI and CPI) and analyses prepared by the Contractor.

7.2. Report using Formats 1 through 5.

10. PREPARATION INSTRUCTIONS
10.2.2.4 Performance Data shall be measured against the updated baseline established within 6 months of award. The Government reserves the right to hold a follow-on IBR as necessary. This time-phase performance measurement baseline (PMB) may not be changed without prior written approval from the Contracting Officer.
10.2.2.4.4 There will be no undistributed budget at CWBS level 1 or 2.
10.2.2.6.8 The amount in column 14g at CWBS level 1 will equal the amount in block 5b, Negotiated Cost. The amount in column 14g for CWBS elements at level 2 will correspond to the current value of the contract sub-line item number (SubCLIN) that includes the element.
10.2.4.5 (Format 3) and 10.2.5.4 (Format 4): For the specified periods (columns 10-14) beyond the initial 6 months, enter in quarterly increments.
10.2.5.1 (Format 4): report staffing in equivalent hours and person months.
10.2.6.3.2 (Format 5): In lieu of designated variance analysis thresholds, the Contractor shall perform and submit variance and problem analyses for the 10 most significant problems it identifies. Each such problem shall trigger variance analysis as appropriate of the current month and cumulative data for the CWBS entry(ies) and level where the problem is occurring, as well as problem analyses and get well information and variance at completion.
10.2.6.2 (Format 5): Also include a reconciliation with dollar totals in the Contract Funds Status Report (CFSR) for those months in which the CFSR is submitted.

Blocks 12 and 13: Initial and subsequent CPR submissions shall be delivered on the last calendar day of the month after the end of the contractor's accounting month.

This CDRL begins after Common Support ends and continues through the end of DOSP (CLIN 0122).
(End of E002)
CONTRACT DATA REQUIREMENTS LIST

A. CONTRACT LINE ITEM NO: 0123  
B. EXHIBIT: E  
C. CATEGORY: TDP___ TM___ OTHER___X___  
D. SYSTEM/ITEM: NMD LSI  
E. CONTRACT/PR. NO: HQ0006-98-C-0003  
F. CONTRACTOR: BOEING

1. DATA ITEM NO: E003  
2. TITLE OF DATA ITEM: Master Integrated Program Schedule  
3. SUBTITLE: NMD Integrated Master Schedule (IMS)  
4. AUTHORITY: (Data Acquisition Document No.): DI-MISC-81183A/T  
5. CONTRACT REFERENCE: SOW para. 6.10, 10.1.0  
6. REQUIRING OFFICE: BMDO/JNC  
7. DD250 REQ: LT  
8. APP CODE: N/A  
9. DISTRIBUTION STATEMENT REQUIRED: F  
10. FREQUENCY: MTHLY  
11. AS OF DATE: ASREQ  
12. DATE OF FIRST SUBMISSION: See Block 16  
13. DATE OF SUBSEQUENT SUBMISSION: See Block 16  
14. DISTRIBUTION and TOTAL COPIES: See Table E-1  
15. REMARKS:  

Block 4:  
10. Preparation Instructions.  
10.2 Content is modified as follows:  
7.3. Intermediate Schedules. Intermediate level schedules shall be accomplished down to WBS level 4.  
7.4. Detailed Schedules. Detailed schedules shall be accomplished down to WBS level 6. Any WBS leg where there is no work activity to be performed within the one year period following the “as of” date may be summarized at level 4.  
7.5. Change “Master Integrated Program Schedule” to read “Integrated Master Schedule (IMS).”  

Block 12: Continue submittal of the Master Integrated Program Schedule updates 30 days after end of Common Support phase of the LSI Program and monthly thereafter.

G. PREPARED BY: LTC CRAIG MAC ALLISTER  
H. DATE: 5 OCT 98  
I. APPROVED BY: A. L. AUSTIN, BMDO/DCTD  
J. DATE: 5 OCT 98
CONTRACT DATA REQUIREMENTS LIST

A. CONTRACT LINE ITEM NO: 0123  B. EXHIBIT: E
C. CATEGORY: TDP___ TM___ OTHER___X___
D. SYSTEM/ITEM: NMD LSI
E. CONTRACT/PR. NO: HQ0006-98-C-0003  F. CONTRACTOR: BOEING

1. DATA ITEM NO.: E004
2. TITLE OF DATA ITEM: Program Protection Implementation Plan
3. SUBTITLE: National Missile Defense Program Protection Management Plan (NMD PPMP)
4. AUTHORITY: (Data Acquisition Document No.): DI-ADMN-81306/T
5. CONTRACT REFERENCE: SOW para. 6.2.6, 10.2.6
6. REQUIRING OFFICE: BMDO/DSIS
7. DD250 REQ: LT
8. APP CODE: AD
9. DISTRIBUTION STATEMENT REQUIRED: F
10. FREQUENCY: BIANNUAL
11. AS OF DATE: ASREQ
12. DATE OF FIRST SUBMISSION: See Block 16
13. DATE OF SUBSEQUENT SUBMISSION: ASREQ
14. DISTRIBUTION and TOTAL COPIES: See Table E-1
15. REMARKS:

Block 4:
3 Description/Purpose
7.1. A Government Program Protection Plan does not yet exist for NMD. The LSI Contractor shall write the NMD Program Protection Management Plan (PPMP) to document existing program protection efforts taking into account the LSI integration and management approach for NMD.

The Contractor shall provide a detailed plan on how it will assist the Government in protecting the NMD program, specifically to ensure that the research, development and acquisition (RD&A) of NMD capabilities, systems and technologies is not hindered, compromised or in any way defeated prior to fielding and, as a result, contribute to the survivability and increased longevity required once fielded. This requires security processes and structures that establish and assure the confidentiality, availability, and integrity of information used in conjunction with NMD RD&A and supporting contracts.

Contractor security processes include, but are not limited to, identifying: (1) aspects of, or items within, the NMD program, classified or unclassified, that require protection [e.g. critical program information systems and/or technology (CPI)]; (2) protection and assurance related risk management techniques and threat-based countermeasures, to (Continued)

G. PREPARED BY: LTC CRAIG MAC ALLISTER  H. DATE: 18 MAR 98
I. APPROVED BY: LTC CRAIG MAC ALLISTER  J. DATE: 18 MAR 98
CONTRACT DATA REQUIREMENTS LIST (Continuation Sheet)

A. CONTRACT LINE ITEM NO: 0123  B. EXHIBIT: E
C. CATEGORY: TDP____ TM____ OTHER____X____
D. SYSTEM/ITEM: NMD LSI
E. CONTRACT/PR. NO: HQ0006-98-C-0003  F. CONTRACTOR: BOEING

1. DATA ITEM NO.: E004
2. TITLE OF DATA ITEM: Program Protection Implementation Plan
3. SUBTITLE: National Missile Defense Program Protection Management Plan (NMD PPMP)

Block 4 (Cont.):
include horizontal protection; (3) specific information systems security and information assurance needs; to include defensive information warfare considerations; as well as protection needs concerning; (4) classification management; (5) physical, personnel and operations security; (6) international security, technology transfer and foreign disclosure; and (7) the possible administration of special access programs. This management plan will also address merging with on-going NMD-related acquisition systems, and program protection and assurance actions within OSD, BMDO, the NMD JPO and Service elements involved in the NMD effort.

7.1. Change the references in the first sentence to read: “Background.
This data item satisfies requirements of DoD 5000.2-R (Part 4, paragraph 4.4.5) and BMDO Directive 5200, dated January 29, 1997.”

10 Preparation Instructions.
The Contractor shall identify portions of the NMD Program, classified or unclassified, that require protection and document how the NMD Program will be protected to prevent unauthorized disclosure or inadvertent transfer of critical program technology or information. The Contractor shall identify risk management techniques and threat-based countermeasures to provide cost-effective protection. When appropriately applied, the process will meet requirements of information systems security, defensive information warfare, classification management, TEMPEST, physical security, personnel security, operations security, international security, technology transfer, and special access programs. 10.1 Content Requirements. Contractor format is acceptable but should, as a minimum, contain the following information satisfy the following information requirements:

A. System and Program Description, detailing unique characteristics (e.g. capabilities and structures)
B. NMD CPI (e.g. critical information, systems & technologies), and related threats (e.g. foreign collection threat), threat-based vulnerabilities identified via risk and vulnerability assessments, and countermeasures recommendations that include cost-benefit analyses.
   – NMD System-wide
   – NMD Elements (GBI, GBR, etc.)
   – NMD RD&A processes and infrastructure.

(Continued)
CONTRACT DATA REQUIREMENTS LIST (Continuation Sheet)

A. CONTRACT LINE ITEM NO: 0123  B. EXHIBIT: E
C. CATEGORY: TDP___ TM___ OTHER___X___
D. SYSTEM/ITEM: NMD LSI
E. CONTRACT/PR. NO: HQ0006-98-C-0003  F. CONTRACTOR: BOEING

1. DATA ITEM NO: E004
2. TITLE OF DATA ITEM: Program Protection Implementation Plan
3. SUBTITLE: National Missile Defense Program Protection Management Plan (NMD PPMP)

Block 4 (Cont.):

C. Risk Management Strategy applied to protection and assurance needs.
D. Horizontal Protection Strategy to ensure commensurate protection and assurance across NMD elements, as well as with external programs and fielded capabilities involving or utilizing same technologies, information or systems.
E. Information Assurance Strategy
F. Information Systems Transition Strategy which identifies security requirements for the baseline information systems being migrated to components of an operational weapon system; identify how existing security services enhancements may be required to meet operational needs at milestones.
G. Time-Event Phased Classification Guide
H. Implementation & Validation Procedures
I. Technology Assessment and Control Plans (as required)
J. Protection Costs
K. Plan of Action to develop the structures and processes, and to implement these, as well as that required to addressed in block 7, e.g. information systems security, defensive information warfare, physical security, personnel security, operations security, international security, technology transfer, foreign disclosure, and special access programs administration needs once approved.

Blocks 8 and 12: Submit a draft of the PPMP 120 DAC. The Government review and comments will be provided within 45 days after receipt. Submit the final NMD PPMP 30 days after receipt of Government Comments.

(End of E004)
CONTRACT DATA REQUIREMENTS LIST

A. CONTRACT LINE ITEM NO: 0123  
E. EXHIBIT: E
C. CATEGORY: TDP___ TM___ OTHER___X__
D. SYSTEM/ITEM:  NMD LSI
E. CONTRACT/PR. NO:  HQ0006-98-C-0003  F. CONTRACTOR:  BOEING

1. DATA ITEM NO.:  E005
2. TITLE OF DATA ITEM:  System/Subsystem Specification (SSS)
3. SUBTITLE:  System Specification
4. AUTHORITY:  (Data Acquisition Document No.):  DI-IPSC-81431/T
5. CONTRACT REFERENCE:  SOW para. 6.2.3
6. REQUIRING OFFICE:
7. DD250 REQ:  LT
8. APP CODE:  A
9. DISTRIBUTION STATEMENT REQUIRED:  F
10. FREQUENCY:  See Block 16
11. AS OF DATE:  ASREQ
12. DATE OF FIRST SUBMISSION:  At C2 PDR ASREQ
13. DATE OF SUBSEQUENT SUBMISSION:  ASREQ
14. DISTRIBUTION and 15. TOTAL COPIES:  See Table E-1
16. REMARKS:

Block 4:
Add Format - Contractor format is acceptable.

Block 8: Government review and approval (or disapproval) and comments will be provided within 45 days after receipt. Submit final System/Subsystem Specification within 30 days after receipt of Government comments

G. PREPARED BY:  LTC CRAIG MAC ALLISTER  
H. DATE:  18 MAR 98
I. APPROVED BY:  A. L. AUSTIN, BMDO/DCTD  
J. DATE:  18 MAR 98
CONTRACT DATA REQUIREMENTS LIST

A. CONTRACT LINE ITEM NO: 0123  
B. EXHIBIT: E  
C. CATEGORY: TDP___ TM___ OTHER___ X ___  
D. SYSTEM/ITEM: NMD LSI  
E. CONTRACT/PR. NO: HQ0006-98-C-0003  
F. CONTRACTOR: BOEING  

1. DATA ITEM NO.: E006  
2. TITLE OF DATA ITEM: Test and Evaluation Program Plan (TEPP)  
3. SUBTITLE: NMD Integrated Test and Evaluation Plan (ITEP)  
4. AUTHORITY: (Data Acquisition Document No.): DI-NDTI-81284/T  
5. CONTRACT REFERENCE: SOW para. 6.7.3  
6. REQUIRING OFFICE:  
7. DD250 REQ: LT  
8. APP CODE: AD  
9. DISTRIBUTION STATEMENT REQUIRED: F  
10. FREQUENCY: OTIME  
11. AS OF DATE: ASREQ  
12. DATE OF FIRST SUBMISSION: Draft SFR -75CD  
13. DATE OF SUBSEQUENT SUBMISSION: Final at SFR and ASREQ  
14. DISTRIBUTION and TOTAL COPIES: See Table E-1  
15. REMARKS:  

Block 4:  
3. DESCRIPTION/PURPOSE  
3.1 Change to read as follows: “The Plan ITEP outlines the plans and performance objectives at every level of testing on systems and subsystems. It provides the procuring activity with the test concept, objectives and requirements to be satisfied, test methods, elements, responsible activities associated with the testing, measures required, test data processing requirements, and recording, analysis and evaluation procedures to be used.”  
7.2 Change to read as follows: “This DID is applicable to system and subsystem tests that include laboratory tests, simulations, ground tests, flight tests, integration tests, human factor tests, operational tests and acceptance tests.”  
10.1 Format. Change “The Test and Evaluation Program Plan (TEPP) shall be in the contractor’s format and shall conform to the following:” to read “The Integrated Test and Evaluation Plan (ITEP) shall be in the contractor’s format.”  
10.1.1 Delete  
10.1.2 Delete  
(Continued)
CONTRACT DATA REQUIREMENTS LIST (Continuation Sheet)

A. CONTRACT LINE ITEM NO: 0123  B. EXHIBIT: E
C. CATEGORY: TDP___ TM___ OTHER___X__
D. SYSTEM/ITEM: NMD LSI
E. CONTRACT/PR. NO: HQ0006-98-C-0003  F. CONTRACTOR: BOEING

1. DATA ITEM NO: E006
2. TITLE OF DATA ITEM: Test Plan
3. SUBTITLE: NMD Integrated Test and Evaluation Plan (ITEP)

Block 4: (Cont.)
10.2.2 Introduction. Change to read as follows: “The introduction shall describe the plan and its relationship to the elements of the overall program, and an overview of the test program’s objectives, including process flow diagrams, milestones/significant accomplishments, test resources and personnel, and relationship to design development, production and tactical deployment.
10.2.3 Change “The TEPP…” to “The ITEP…”
10.2.4 Change “i.e., Joint Test Group (JTG)”
10.2.5 Tests and examinations. Change “The TEPP” to “The ITEP”
10.3.2 Change the first sentence to read as follows: “Consists of an overview of the objectives of the plan, including process flow diagrams, milestones, personnel participation, locations, schedules, and security measures to be observed.”
10.3.2.5.1 Change to read as follows: “Process Flow Diagrams. The process flow diagrams will reflect a functional description of the test and evaluation program using a block diagram portrayal of the functions that must be met to satisfy the total test program.”
10.3.2.5.2 References. Change “The TEPP…” to “The ITEP…”
10.3.2.5.3 Change to read as follows: “Test and Evaluation Objectives. Describes the objective of each test performed, including the traceability to requirements documents, test requirements, data requirements and evaluation criteria for each test.”
   a. Test requirements
   b. Data requirements
   c. Evaluation
   d. Criteria
10.2.5.4 Test support requirements.
10.2.5.4a Change to read as follows: “Instrumentation. Indicates the data collection method that will be used and the approximate number and types of parameters to be recorded.”
10.2.5.4b Test Logistics,” change to “identify logistics requirements including maintenance and repair for test equipment and facilities, and packaging, handling, storage and transportation (PHS&T) for test articles, support equipment and spares.

(Continued)
CONTRACT DATA REQUIREMENTS LIST (Continuation Sheet)

A. CONTRACT LINE ITEM NO: 0123  B. EXHIBIT: E
C. CATEGORY: TDP___ TM___ OTHER___X___
D. SYSTEM/ITEM: NMD LSI
E. CONTRACT/PR. NO: HQ0006-98-C-0003  F. CONTRACTOR: BOEING

1. DATA ITEM NO.: E006
2. TITLE OF DATA ITEM: Test Plan
3. SUBTITLE: NMD Integrated Test and Evaluation Plan (ITEP)

Block 4:(Cont.)

10.2.5.4c Change “Government facilities” to “Government facilities and locations for each type of test…” Change to read as follows: “Government test facilities. Identify the specific government to be used for each type of test.”

10.2.5.4d Change to read as follows: “Data reduction and analysis. Describes data to be collected and the data reduction and analysis techniques that will be used to interpret the data.” “An overview of the procedures that the contractor will use to analyze, evaluate, and verify the test results will also be provided.

10.2.5.5 Change to read: General Tests: This section shall provide a listing for each type of test, a description, test methodology and general change to procedures.

10.2.5.6 Special tests. Change to read as follows: “Special tests. Provides a list of special test resources necessary to verify satisfactory system or subsystem performance to specifications.”

Block 8: Government review and approval (or disapproval) and comments will be provided within 45 days after receipt of each submittal. Submit final test plan within 30 days after receipt of Government comments.

(End of E006)
CONTRACT DATA REQUIREMENTS LIST

A. CONTRACT LINE ITEM NO:  0123   B. EXHIBIT:  E
C. CATEGORY:  TDP___ TM___ OTHER___X___
D. SYSTEM/ITEM:  NMD LSI
E. CONTRACT/PR. NO:  HQ0006-98-C-0003   F. CONTRACTOR:  BOEING

1. DATA ITEM NO.:  E007
2. TITLE OF DATA ITEM:  Test Design and Assessment Report
3. SUBTITLE:  Ground and Flight Test Evaluation and Assessment Final Report
4. AUTHORITY:  (Data Acquisition Document No.):  DI-ATTS-81273/T
5. CONTRACT REFERENCE:  SOW para. 6.7.6, 10.7.6
6. REQUIRING OFFICE:
7. DD250 REQ:  LT
8. APP CODE:  AD
9. DISTRIBUTION STATEMENT REQUIRED:  F
10. FREQUENCY:  OTIME
11. AS OF DATE:  N/A
12. DATE OF FIRST SUBMISSION:  See Block 16
13. DATE OF SUBSEQUENT SUBMISSION:  See Block 16
14. DISTRIBUTION and 15. TOTAL COPIES:  See Table E-1
16. REMARKS:

Block 4:
3.1 Change first sentence to read as follows: “This report documents the results of the evaluation of a system’s test design”.
7.1 Change to read as follows: “This DID contains the format and preparation instructions for system evaluation resulting from a specified test phase or period.”
7.2 Delete this paragraph in its entirety.
10.2 Change to read as follows: “Format. The Test Evaluation and Assessment Final Report shall be in the contractor’s format.”
10.3 Change to read as follows: “Content Requirements. The content of the Test Evaluation and Assessment Final Report shall be the following:”
10.3.1 Change to read as follows: “A brief description of the functional operation of the system and of each element.”
10.3.2 Change to read as follows: “A description of the systems operational concept.”
10.3.3.1 Change to read as follows: “Identification of mission requirements and operational constraints.”
10.3.3.2 Change to read as follows: “For each item to be included in this analysis, a definition of risks and risk mitigation and identification of areas that require additional testing.”
(Continued)

G. PREPARED BY:  LTC CRAIG MAC ALLISTER   H. DATE:  18 MAR 98
I. APPROVED BY:  A. L. AUSTIN, BMDO/DCTD   J. DATE:  18 MAR 98
CONTRACT DATA REQUIREMENTS LIST (Continuation Sheet)

A. CONTRACT LINE ITEM NO: 0123  
B. EXHIBIT: E  
C. CATEGORY: TDP___ TM___ OTHER___X___  
D. SYSTEM/ITEM: NMD LSI  
E. CONTRACT/PR. NO: HQ0006-98-C-0003  
F. CONTRACTOR: BOEING

1. DATA ITEM NO: E007  
2. TITLE OF DATA ITEM: Test Design and Assessment Report  
3. SUBTITLE: Ground and Flight Test Evaluation and Assessment Final Report

Block 4: (Cont.)
10.3.3.3 Change to read as follows: “System integration and performance measurements tested.”
10.3.3.4 Change to read as follows: “System engagement performance measurements tested, e.g., acquisition, track, discrimination, interception, etc.”
10.3.3.5 Change to read as follows: “System kill capability and performance assessment.”
10.3.3.6 Change to read as follows: “Human-in-control operations and performance.”
10.3.3.7 Add item to read as follows: “Assessment of verification related to testing, demonstrations, inspections and T&E analysis”.

Block 8: Government review and approval (or disapproval) and comments will be provided within 45 days after receipt of each submittal. Submit final test plan within 30 days after receipt of Government comments.

Blocks 12 and 13: Submit Draft report at CD #3 IDR (CLIN 0121) and RAR #3 in DOSP #3 (CLIN 0122) for Government approval. Submit Final Report at End of CD #3 (CLIN 0122)

(End of E007)
CONTRACT DATA REQUIREMENTS LIST

A. CONTRACT LINE ITEM NO: 0123
B. EXHIBIT: E
C. CATEGORY: TDP___ TM___ OTHER___X___
D. SYSTEM/ITEM: NMD LSI
E. CONTRACT/PR. NO: HQ0006-98-C-0003 F. CONTRACTOR: BOEING

1. DATA ITEM NO.: E008
2. TITLE OF DATA ITEM: Design Review Data Pack
3. SUBTITLE: C2 Readiness For Production Review (RFPR) Data Pack
4. AUTHORITY: (Data Acquisition Document No.): See Block 16
5. CONTRACT REFERENCE: SOW para. 6.2.1, 10.2.1, 10.3.6, 6.3.6
6. REQUIRING OFFICE:
7. DD250 REQ: LT
8. APP CODE: A
9. DISTRIBUTION STATEMENT REQUIRED: F
10. FREQUENCY: See Block 16
11. AS OF DATE: ASREQ
12. DATE OF FIRST SUBMISSION: See Block 16
13. DATE OF SUBSEQUENT SUBMISSION: See Block 16
14. DISTRIBUTION and 15. TOTAL COPIES: See Table E-1
16. REMARKS:

Block 4:
Conference Agenda per DI-ADMN-81249A; Conference Minutes per DI-ADMN-81250A; Data Package per ILSS-81335. Contractor format is acceptable.

Block 8: Agenda: Government agenda comments will be provided within 10CD after receipt. Data Package: Government comments, if applicable, to the presentation material will be provided within 7 days after receipt. Minutes: Government approval (or disapproval) and comments will be provided within 45 days after receipt.

Blocks 10, 12 and 13: Agenda: Submit agenda 15CD prior to C2RFPR. Data Package: Submit paper copies of the presentation material 15CD prior to C2 RFPR. Handouts of the Presentation Material/Data Package to attendees at C2 RFPR. Minutes: Submit Minutes within 14CD after review. If disapproved or corrections are required, submit revised Minutes within 14 days of receipt of Government comments.

G. PREPARED BY: LTC CRAIG MAC ALLISTER H. DATE: 18 MAR 98
I. APPROVED BY: A. L. AUSTIN, BMDO/DCTD J. DATE: 18 MAR 98
CONTRACT DATA REQUIREMENTS LIST

A. CONTRACT LINE ITEM NO: 0123  
B. EXHIBIT: E  
C. CATEGORY: TDP___ TM___ OTHER___X___  
D. SYSTEM/ITEM: NMD LSI  
E. CONTRACT/PR. NO: HQ0006-98-C-0003  
F. CONTRACTOR: BOEING  

1. DATA ITEM NO.: E009  
2. TITLE OF DATA ITEM: Scientific and Technical Reports  
3. SUBTITLE: Data Accession List/Internal Data  
4. AUTHORITY: (Data Acquisition Document No.): DI- MISC-80711/T  
5. CONTRACT REFERENCE: SOW para.  
6. REQUIRING OFFICE: BMDO/JNC  
7. DD250 REQ: LT  
8. APP CODE: See Block 16  
9. DISTRIBUTION STATEMENT REQUIRED: F  
10. FREQUENCY: See Block 16  
11. AS OF DATE: ASREQ  
12. DATE OF FIRST SUBMISSION: 30D after end of common support  
13. DATE OF SUBSEQUENT SUBMISSION: MTHLY  
14. DISTRIBUTION and TOTAL COPIES: See Table E-1  
15. REMARKS:  
Block 4:  
Provide electronic copies of any unclassified documents listed on the LSI Data Accession List as requested by the JPO. For documentation that is not available in electronic format (e.g. display photographs) or classified data, one hard copy shall be delivered to the JPO as requested.  
10. Preparation Instructions. The Contractor shall provide an accession list identifying contractor internal data which have been generated by the Contractor as a result of the work effort called for by this contract.  
10.3 Content. Include on the Data Accession List all reports, documents, studies, and other data either generated or used by the contractor in the performance of this contract. For computer software, omit standard commercial products used by the contractor in the performance of this contract. CDRL documents shall not be included in the Data Accession List.  
10.3.2 General. The List shall include the identification number of the document, title which shall provide a brief description of the content, date of the document (and date of and any revisions or changes), and an indication of the Government’s Right to the data using the following codes:  
“UR” = Unlimited Rights  
“LR” = Limited Rights  
“GPLR” = Government Purpose License Rights  

G. PREPARED BY: LTC CRAIG MAC ALLISTER  
H. DATE: 18 MAR 98  
I. APPROVED BY: A. L. AUSTIN, BMDO/DCTD  
J. DATE: 18 MAR 98
CONTRACT DATA REQUIREMENTS LIST

A. CONTRACT LINE ITEM NO: 0123   B. EXHIBIT: E
C. CATEGORY: TDP__ TM__ OTHER__X__
D. SYSTEM/ITEM: NMD LSI
E. CONTRACT/PR. NO: HQ0006-98-C-0003   F. CONTRACTOR: BOEING

1. DATA ITEM NO.: E010
2. TITLE OF DATA ITEM: Engineering Change Proposals (ECP)
3. SUBTITLE:
4. AUTHORITY: (Data Acquisition Document No.): DI-CMAN-80400/T
5. CONTRACT REFERENCE: SOW para. 6.2.7, 6.10.2.7
6. REQUIRING OFFICE:
7. DD250 REQ: LT
8. APP CODE: A
9. DISTRIBUTION STATEMENT REQUIRED: F
10. FREQUENCY: ASREQ
11. AS OF DATE: N/A
12. DATE OF FIRST SUBMISSION: ASREQ
13. DATE OF SUBSEQUENT SUBMISSION: ASREQ
14. DISTRIBUTION and 15. TOTAL COPIES: See Table E-1
16. REMARKS:

Block 4:
7.1 Change to read as follows: This Data Item Description contains the requirements for preparation of the Engineering Change Proposal resulting from the work task described by paragraph 5.3 of EIA/IS-649 National Consensus Standard for Configuration Management, dated August 1995.
10.2 Change to read as follows: The Engineering Change Proposal shall be in contractor format using EIA/IS-649 as a guide.

G. PREPARED BY: LTC CRAIG MAC ALLISTER   H. DATE: 18 MAR 98
I. APPROVED BY: A. L. AUSTIN, BMDO/DCTD   J. DATE: 18 MAR 98
CONTRACT DATA REQUIREMENTS LIST

A. CONTRACT LINE ITEM NO: 0123  
B. EXHIBIT: E  
C. CATEGORY: TDP___ TM___ OTHER___X___  
D. SYSTEM/ITEM: NMD LSI  
E. CONTRACT/PR. NO: HQ0006-98-C-0003  
F. CONTRACTOR: BOEING

1. DATA ITEM NO: E011  
2. TITLE OF DATA ITEM: System/Subsystem Specification (SSS)  
3. SUBTITLE: Weapon System Element Level A Specification  
4. AUTHORITY: (Data Acquisition Document No.): DI-IPSC-81431/T  
5. CONTRACT REFERENCE: SOW para. 6.2.3, 6.2.3, 6.3.2, 10.3.2  
6. REQUIRING OFFICE:  
7. DD250 REQ: LT  
8. APP CODE: A  
9. DISTRIBUTION STATEMENT REQUIRED: F  
10. FREQUENCY: See Block 16  
11. AS OF DATE: ASREQ  
12. DATE OF FIRST SUBMISSION: See Block 16  
13. DATE OF SUBSEQUENT SUBMISSION: See Block 16  
14. DISTRIBUTION and 15. TOTAL COPIES: See Table E-1  
16. REMARKS:  
   Block 4: Add Format - Contractor format is acceptable  
   Blocks 10, 12 and 13: The Weapon System Element Level A Specification will be for C2 and submitted 15 days prior to C2 System Preliminary Design Review (PDR).  
   Government review and approval (or disapproval) and comments will be provided within 45 days after receipt. Submit final within 30 days of receipt of Government comments.

G. PREPARED BY: LTC CRAIG MAC ALLISTER  
H. DATE: 18 MAR 98  
I. APPROVED BY: A. L. AUSTIN, BMDO/DCTD  
J. DATE: 18 MAR 98
CONTRACT DATA REQUIREMENTS LIST

A. CONTRACT LINE ITEM NO: **0123**  
B. EXHIBIT: **E**

C. CATEGORY: TDP___ TM___ OTHER___ **X**

D. SYSTEM/ITEM: **NMD LSI**

E. CONTRACT/PR. NO: **HQ0006-98-C-0003**  
F. CONTRACTOR: **BOEING**

1. DATA ITEM NO.: **E012**
2. TITLE OF DATA ITEM: **Software Development Plan (SDP)**
3. SUBTITLE: **NMD Software Development Plan (SDP)**
4. AUTHORITY: *(Data Acquisition Document No.): DI-IPSC-81427/T*
5. CONTRACT REFERENCE: **SOW para. 6.2.3, 6.3.2**
6. REQUIRING OFFICE:
7. DD250 REQ: **LT**
8. APP CODE: **A**
9. DISTRIBUTION STATEMENT REQUIRED: **F**
10. FREQUENCY: **ONE/R**
11. AS OF DATE: **ASREQ**
12. DATE OF FIRST SUBMISSION: **See Block 16**
13. DATE OF SUBSEQUENT SUBMISSION: **See Block 16**
14. DISTRIBUTION and 15. TOTAL COPIES: **See Table E-1**
16. REMARKS:

Block 4:
Delete the following paragraphs in their entirety:

4.2.3,
4.2.3.1,
4.2.3.2,
4.2.5
5.8

Block 8: Government review and approval (or disapproval) and comments will be provided within 45 days after receipt of each submittal. Submit final NMD Software Development Plan within 30 days after receipt of Government comments.

Blocks 10, 12 and 13: The Software Development Plan (SDP) will be updated, as required, and submitted for Government approval at C2 Preliminary Design Review (PDR).

G. PREPARED BY: **LTC CRAIG MAC ALLISTER**  
H. DATE: **18 MAR 98**

I. APPROVED BY: **A. L. AUSTIN, BMDO/DCTD**  
J. DATE: **18 MAR 98**
CONTRACT DATA REQUIREMENTS LIST

A. CONTRACT LINE ITEM NO: 0123
B. EXHIBIT: E
C. CATEGORY: TDP___ TM___ OTHER___X___
D. SYSTEM/ITEM: NMD LSI
E. CONTRACT/PR. NO: HQ0006-98-C-0003  F. CONTRACTOR: BOEING

1. DATA ITEM NO.: E013
2. TITLE OF DATA ITEM: Scientific and Technical Reports
3. SUBTITLE: Risk Management Plan
4. AUTHORITY: (Data Acquisition Document No.): DI-MISC-80711/T
5. CONTRACT REFERENCE: SOW para. 6.2.3, 10.2.5
6. REQUIRING OFFICE:
7. DD250 REQ: LT
8. APP CODE: N/A
9. DISTRIBUTION STATEMENT REQUIRED: F
10. FREQUENCY: ONE/R
11. AS OF DATE: ASREQ
12. DATE OF FIRST SUBMISSION: 60 DAC
13. DATE OF SUBSEQUENT SUBMISSION: ASREQ
14. DISTRIBUTION and TOTAL COPIES: See Table E-1
15. REMARKS:

Block 4:
The contractor shall prepare, implement and maintain, a LSI Risk Management Plan to
include risk management tasks that encompass the effort to establish, implement, and
maintain a proactive risk management program that provides for the identification,
analysis, assessment and mitigation of risk issues in achieving LSI program cost, schedule,
and performance goals.

G. PREPARED BY: LTC CRAIG MAC ALLISTER  H. DATE: 18 MAR 98
I. APPROVED BY: A. L. AUSTIN, BMDO/DCTD  J. DATE: 18 MAR 98
# CONTRACT DATA REQUIREMENTS LIST

<table>
<thead>
<tr>
<th>A. CONTRACT LINE ITEM NO:</th>
<th>0123</th>
</tr>
</thead>
<tbody>
<tr>
<td>B. EXHIBIT:</td>
<td>E</td>
</tr>
<tr>
<td>C. CATEGORY:</td>
<td>TDP___ TM___ OTHER___ X___</td>
</tr>
<tr>
<td>D. SYSTEM/ITEM:</td>
<td>NMD LSI</td>
</tr>
<tr>
<td>E. CONTRACT/PR. NO:</td>
<td>HQ0006-98-C-0003</td>
</tr>
<tr>
<td>F. CONTRACTOR:</td>
<td>BOEING</td>
</tr>
</tbody>
</table>

1. DATA ITEM NO.: **E014**  
2. TITLE OF DATA ITEM: **System Safety Program Plan**  
3. SUBTITLE:  
4. AUTHORITY: *(Data Acquisition Document No.):** DI-SAFT-80100A*  
5. CONTRACT REFERENCE: **SOW para. 10.8.2**  
6. REQUIRING OFFICE:  
7. DD250 REQ: **LT**  
8. APP CODE: **N/A**  
9. DISTRIBUTION STATEMENT REQUIRED: **F**  
10. FREQUENCY: **OTIME**  
11. AS OF DATE: **N/A**  
12. DATE OF FIRST SUBMISSION: **60 DAC**  
13. DATE OF SUBSEQUENT SUBMISSION: **ASREQ**  
14. DISTRIBUTION and TOTAL COPIES: **See Table E-1**  
15. REMARKS:  

**G. PREPARED BY:** LTC CRAIG MAC ALLISTER  
**H. DATE:** 18 MAR 98  
**I. APPROVED BY:** A. L. AUSTIN, BMDO/DCTD  
**J. DATE:** 18 MAR 98
CONTRACT DATA REQUIREMENTS LIST

A. CONTRACT LINE ITEM NO: 0123  B. EXHIBIT: E
C. CATEGORY: TDP___ TM___ OTHER___ X___
D. SYSTEM/ITEM: NMD LSI
E. CONTRACT/PR. NO: HQ0006-98-C-0003  F. CONTRACTOR: BOEING

1. DATA ITEM NO.: E015
2. TITLE OF DATA ITEM: Parts Control Program Plan
3. SUBTITLE:
4. AUTHORITY: (Data Acquisition Document No.): DI-MISC-80526B/T
5. CONTRACT REFERENCE: SOW para. 6.2.6
6. REQUIRING OFFICE:
7. DD250 REQ: LT
8. APP CODE: A
9. DISTRIBUTION STATEMENT REQUIRED: F
10. FREQUENCY: OTIME
11. AS OF DATE: N/A
12. DATE OF FIRST SUBMISSION: 60 DAC
13. DATE OF SUBSEQUENT SUBMISSION: ASREQ
14. DISTRIBUTION and TOTAL COPIES: See Table E-1
15. REMARKS:

Block 4:
The Data Item Description (DID) DI-MISC-80526B is modified to read as follows

SCOPE/ PREPARATION INSTRUCTIONS

CONTENT- The Parts, Materials and Processes Control Program Plan shall describe the Parts, Materials and Processes control process to include:

A Organizational structure used to manage PMP related issues and the interfaces with other PMP related functional areas, including designation of a PMP control board.
B Process for hardware subcontractor PMP control, including criteria to certify contractors for reduced oversight, and methods to manage subcontractors that are unable to obtain certification.
C Requirements for hardware subcontractor PMP control programs to include:
    1) Documented PMP selection processes that maximize standardization consistent with program requirements.
    2) PMP Qualification to meet the reliability and performance requirements for the application in which they are used. Qualification shall include radiation hardness evaluation and destructive physical analysis where applicable.

(Continued)

G. PREPARED BY: LTC CRAIG MAC ALLISTER  H. DATE: 18 MAR 98
I. APPROVED BY: A. L. AUSTIN, BMDO/DCTD  J. DATE: 18 MAR 98
**CONTRACT DATA REQUIREMENTS LIST (Continuation Sheet)**

A. CONTRACT LINE ITEM NO:  **0123**  
B. EXHIBIT:  **E**  
C. CATEGORY:  **TDP___ TM___ OTHER___X___**  
D. SYSTEM/ITEM:  **NMD LSI**  
E. CONTRACT/PR. NO:  **HQ0006-98-C-0003**  
F. CONTRACTOR:  **BOEING**  

1. DATA ITEM NO.:  **E015**  
2. TITLE OF DATA ITEM:  **Parts Control Program Plan**  
3. SUBTITLE:  

**Block 4 (Cont.)**

3) Part, Material, and Process specifications and change control of these specifications.

4) Screening and Ongoing Quality Assurance addressing use of the following methods: qualified lines, screening plans, testing of higher level assemblies, and use of statistical quality assurance data.

5) Processes to ensure the integrity of the parts and materials through those manufacturing processes within the control of the supplier, to include handling, shipping, storage, and part marking.

6) Use of the Government Industry Data Exchange Program (GIDEP) to obtain part failure reporting data and advance warning of diminishing sources. Other industry data sources (i.e. TacTech) shall also be used to obtain information on diminishing source risks.

7) Electronic Parts Diminishing Manufacturing Source risk management approach.

8) Criteria for assessing and verifying the suitability of Commercial-off-the-shelf (COTS) parts for the intended application.

9) Subtier PMP management and supplier selection criteria.

10) The use of electronic searchable parts and materials lists and performance metrics using these lists.

11) A process to respond to failure events and document lessons learned in PMP selection and control.

12) Corrosion Prevention and Control

13) Radiation Hardness Assurance of spacecraft or launch systems, addressing total ionizing dose, single event effects, part selection criteria for radiation hardness, and design mitigation techniques.

14) Contamination Control in design, manufacturing, test, shipment, launch, and operation for all contamination sensitive hardware including space based systems and optics.

D Use of hardware subcontractor parts database information to establish metrics to track program PMP performance and DMS risks.

(Continued)
CONTRACT DATA REQUIREMENTS LIST (Continuation Sheet)

A. CONTRACT LINE ITEM NO: 0123  B. EXHIBIT: E
C. CATEGORY: TDP___ TM___ OTHER___ X __
D. SYSTEM/ITEM: NMD LSI
E. CONTRACT/PR. NO: HQ0006-98-C-0003  F. CONTRACTOR: BOEING

1. DATA ITEM NO.: E015
2. TITLE OF DATA ITEM: Parts Control Program Plan
3. SUBTITLE:

Block 4 (Cont.)
FORMAT: Seller’s document format is optional. Data should be prepared in electronic format compatible with Microsoft Office (e.g. Word, Excel, PowerPoint, or Access). Data shall be submitted on 3.5” high density diskettes and/or electronically transmitted (FTP) to buyer’s protected server.

Government review and approval (or disapproval) and comment will be provided within 45 days after receipt. Submit final PCPP within 30 days after receipt of Government comments.

(End of E015)
CONTRACT DATA REQUIREMENTS LIST

A. CONTRACT LINE ITEM NO:  **0123**  
B. EXHIBIT:  **E**  
C. CATEGORY:  **TDP___ TM___ OTHER___X__**  
D. SYSTEM/ITEM:  **NMD LSI**  
E. CONTRACT/PR. NO:  **HQ0006-98-C-0003**  
F. CONTRACTOR:  **BOEING**  

1. DATA ITEM NO.:  **E016**  
2. TITLE OF DATA ITEM:  **Presentation Material**  
3. SUBTITLE:  **Presentation Material for Meetings, Audits & Reviews**  
4. AUTHORITY:  *(Data Acquisition Document No.):*  **See Block 16**  
5. CONTRACT REFERENCE:  **SOW para. 6.2.1, 6.3.2, 10.3.3**  
6. REQUIRING OFFICE:  
7. DD250 REQ:  **LT**  
8. APP CODE:  **N/A**  
9. DISTRIBUTION STATEMENT REQUIRED:  **F**  
10. FREQUENCY:  **See Block 16**  
11. AS OF DATE:  **N/A**  
12. DATE OF FIRST SUBMISSION:  **See Block 16**  
13. DATE OF SUBSEQUENT SUBMISSION:  **See Block 16**  
14. DISTRIBUTION and 15. TOTAL COPIES:  **See Table E-1**  
16. REMARKS:  

**Block 4:**  
Conference Agenda per DI-ADMN-81249A; Conference Minutes per DI-ADMN-81250; Presentation Material per DI-ADMN-81373.  

Blocks 10, 12 and 13: **Agenda:** Submit agenda 10 days prior to the Reviews. **Presentation Material** will be presented at the reviews. **Minutes:** Minutes, if required will be submitted within 14 days after review. If corrections are required, submit revised within 14 days of receipt of Government comments.  

Applicability: This CDRL shall apply to the following formal program reviews/meetings:  
1. **C2 Preliminary Design Review (PDR)**  
2. **C2 Interim Design Review (IDR)**  

**G. PREPARED BY:**  **LTC CRAIG MAC ALLISTER**  
**H. DATE:**  **18 MAR 98**  
**I. APPROVED BY:**  **A. L. AUSTIN, BMDO/DCTD**  
**J. DATE:**  **18 MAR 98**
CONTRACT DATA REQUIREMENTS LIST

A. CONTRACT LINE ITEM NO:   0123   B. EXHIBIT:   E
C. CATEGORY:   TDP___ TM___ OTHER___X___
D. SYSTEM/ITEM:   NMD LSI
E. CONTRACT/PR. NO:   HQ0006-98-C-0003   F. CONTRACTOR:   BOEING

1. DATA ITEM NO.:   E017
2. TITLE OF DATA ITEM:   System/Subsystem Design Description (SSDD)
3. SUBTITLE:
4. AUTHORITY:   (Data Acquisition Document No.):   DI-IPSC-81432
5. CONTRACT REFERENCE:   SOW para. 6.2.3
6. REQUIRING OFFICE:
7. DD250 REQ:   LT
8. APP CODE:   N/A
9. DISTRIBUTION STATEMENT REQUIRED:   F
10. FREQUENCY:   ONE/R
11. AS OF DATE:   ASREQ
12. DATE OF FIRST SUBMISSION:   See Block 16
13. DATE OF SUBSEQUENT SUBMISSION:   See Block 16
14. DISTRIBUTION and TOTAL COPIES:   See Table E-1
15. REMARKS:

Blocks 12 and 13: Submit preliminary at C2 PDR. Submit final at C2 RFPR.

G. PREPARED BY:   LTC CRAIG MAC ALLISTER   H. DATE:   18 MAR 98
I. APPROVED BY:   A. L. AUSTIN, BMDO/DCTD   J. DATE:   18 MAR 98
CONTRACT DATA REQUIREMENTS LIST

A. CONTRACT LINE ITEM NO:  0123  B. EXHIBIT:  E
C. CATEGORY:  TDP___ TM___ OTHER___X___
D. SYSTEM/ITEM:  NMD LSI
E. CONTRACT/PR. NO:  HQ0006-98-C-0003  F. CONTRACTOR:  BOEING

1. DATA ITEM NO.:  E018
2. TITLE OF DATA ITEM:  Interface Control Document (ICD)
3. SUBTITLE:  NMD External Interface Control Documents (ICD’s)
4. AUTHORITY:  (Data Acquisition Document No.):  DI-MISC-80711/T
5. CONTRACT REFERENCE:  SOW para. 6.3.2
6. REQUIRING OFFICE:  
7. DD250 REQ:  LT
8. APP CODE:  A
9. DISTRIBUTION STATEMENT REQUIRED:  F
10. FREQUENCY:  ONE/R
11. AS OF DATE:  ASREQ
12. DATE OF FIRST SUBMISSION:  ATP + 45 Days
13. DATE OF SUBSEQUENT SUBMISSION:  ASREQ
14. DISTRIBUTION and TOTAL COPIES:  See Table E-1
15. REMARKS:

Block 4:
Add format - Contractors format is acceptable.

Block 8:  Government review and approval (or disapproval) and comments will be provided within 45 days after receipt. Submit final ICD’s within 30 days after receipt of Government comments.

G. PREPARED BY:  LTC CRAIG MAC ALLISTER  H. DATE:  18 MAR 98
I. APPROVED BY:  A. L. AUSTIN, BMDO/DCTD  J. DATE:  18 MAR 98
CONTRACT DATA REQUIREMENTS LIST

A. CONTRACT LINE ITEM NO: 0123  B. EXHIBIT: E
C. CATEGORY: TDP___ TM___ OTHER___X___
D. SYSTEM/ITEM: NMD LSI
E. CONTRACT/PR. NO: HQ0006-98-C-0003  F. CONTRACTOR: BOEING

1. DATA ITEM NO.: E019
2. TITLE OF DATA ITEM: Scientific and Technical Reports
3. SUBTITLE: NMD Integration Plan
4. AUTHORITY: (Data Acquisition Document No.): DI-MISC-80711/T
5. CONTRACT REFERENCE: SOW para. 6.2.8, 6.3.2, 10.2.8
6. REQUIRING OFFICE:
7. DD250 REQ: LT
8. APP CODE: A
9. DISTRIBUTION STATEMENT REQUIRED: F
10. FREQUENCY: ONE/R
11. AS OF DATE: ASREQ
12. DATE OF FIRST SUBMISSION: C2 PDR-30CD
13. DATE OF SUBSEQUENT SUBMISSION: ASREQ
14. DISTRIBUTION and 15. TOTAL COPIES: See Table E-1
16. REMARKS:

Block 4:
10.2 Change to read as follows: Document shall be in accordance with Contractor format.
Add the following:

Contents of Plan
Plan shall include a discussion of the following:
- System Integration Roadways
- System Interfaces
- System Integration Tools
- Role of the JNTF and ISTC in the integration rod test process
- Intro-element integration
- Element-to-element integration
- Deployment integration activities

Block 8: Government review and approval (or disapproval) and comments will be provided within 45 days after receipt. Submit final NMD Integration Plan within 30 days after receipt of Government comments.

G. PREPARED BY: LTC CRAIG MAC ALLISTER  H. DATE: 18 MAR 98
I. APPROVED BY: A. L. AUSTIN, BMDO/DCTD  J. DATE: 18 MAR 98
**CONTRACT DATA REQUIREMENTS LIST**

A. CONTRACT LINE ITEM NO: **0123**  
B. EXHIBIT: **E**  
C. CATEGORY: TDP___ TM___ OTHER___X___  
D. SYSTEM/ITEM: **NMD LSI**  
E. CONTRACT/PR. NO: **HQ0006-98-C-0003**  
F. CONTRACTOR: **BOEING**

1. DATA ITEM NO.: **E020**  
2. TITLE OF DATA ITEM: Nuclear Survivability Program Plan  
3. SUBTITLE: NMD Nuclear Hardness and Survivability Program Plan  
4. AUTHORITY: *(Data Acquisition Document No.): DI-NUOR-80156A/T*  
5. CONTRACT REFERENCE: SOW para. 6.2.6, 6.3.2  
6. REQUIRING OFFICE:  
7. DD250 REQ: **LT**  
8. APP CODE: **N/A**  
9. DISTRIBUTION STATEMENT REQUIRED: **F**  
10. FREQUENCY: **ASREQ**  
11. AS OF DATE: **N/A**  
12. DATE OF FIRST SUBMISSION: **C2 PDR -15CD**  
13. DATE OF SUBSEQUENT SUBMISSION: **ASREQ**  
14. DISTRIBUTION and TOTAL COPIES: **See Table E-1**  
15. REMARKS:  
   Block 4:  
   **10.2 Delete last sentence**  
   **10.3.a Revise to read as follows:**  
   “a. The plan shall describe the specific design features and other approaches to be utilized to achieve nuclear survivability. (Delete second sentence ) 7.3 through 7.7, delete in their entirety.”  
   **10. c. Delete second sentence in its entirety**  
   **10.d. Delete second sentence in its entirety**  
   **10.e Delete word “respective” in first sentence, delete second sentence in its entirety.**  
   **10.g and h delete in their entirety**  
   **10.4.a, Change to read as follows :**  
   “a. The plan shall delineate analytical efforts that supplement or replace testing, to include computer codes, and the intended applications of analytical techniques.”  
**10.4.b delete in its entirety**  
**10.4.c Revise as follows:**  
“c. The plan shall delineate subsystem and system-level tests to be performed including methods of extrapolation from test environment to the threat environments, the test simulators and rationale for simulator choices and relationships to analytical efforts.”  
(Continued)

G. PREPARED BY: **LTC CRAIG MAC ALLISTER**  
H. DATE: **18 MAR 98**  
I. APPROVED BY: **A. L. AUSTIN, BMDO/DCTD**  
J. DATE: **18 MAR 98**
CONTRACT DATA REQUIREMENTS LIST (Continuation Sheet)

A. CONTRACT LINE ITEM NO: 0123  B. EXHIBIT: E
C. CATEGORY: TDP___ TM___ OTHER___X___
D. SYSTEM/ITEM: NMD LSI
E. CONTRACT/PR. NO: HQ0006-98-C-0003  F. CONTRACTOR: BOEING

1. DATA ITEM NO.: E020
2. TITLE OF DATA ITEM: Nuclear Survivability Program Plan
3. SUBTITLE: NMD Nuclear Hardness and Survivability Program Plan

Block 4 (Cont.):

10.4.e Revise as follows:
10.4.d. Delete in its entirety
“e. The plan shall describe survivability philosophy used for selection and rejection of piece parts, materials, and device technologies. There shall be particular emphasis on design philosophy for hardness critical (HCI) and mission critical equipments. The plan shall describe the configuration control approach to control HCI’s and HCP’s.”
10.4.f Delete in its entirety
10.4.g Revise as follows:
“g. The plan shall delineate the projected requirements, driven by nuclear survivability of the system, for hardened parts, and the impacts of these requirements on the program and system design and operation.”
10.4.h (OK as is ).
10.4.i Revise as follows:
“i. The plan shall identify the nuclear survivability trade-offs that shall be performed against other system requirements such as schedule cost, reliability and producibility.”
10.5.a Revise as follows:
“a. Nuclear survivability areas of high risk and uncertainty, including the impact on cost, performance, and weight.”
10.5.b,c and d delete in their entirety.
10.6.a Delete words “logistic support”.
10.6.d and e Delete in their entirety.
10.7 Delete entire paragraph.
10.8 and 9 (ok as is ).

(End of E020)
**CONTRACT DATA REQUIREMENTS LIST**

A. CONTRACT LINE ITEM NO: 0123  
B. EXHIBIT:  E  
C. CATEGORY:  TDP___ TM___ OTHER___ X__  
D. SYSTEM/ITEM:  NMD LSI  
E. CONTRACT/PR. NO:  HQ0006-98-C-0003  
F. CONTRACTOR:  BOEING  

1. DATA ITEM NO.:  E021  
2. TITLE OF DATA ITEM:  Scientific and Technical Reports  
3. SUBTITLE:  DRR Criteria and Metrics  
4. AUTHORITY:  (Data Acquisition Document No.):  DI-MISC-80711/T  
5. CONTRACT REFERENCE:  SOW para. 6.2.1, 10.2.1, 10.3.6  
6. REQUIRING OFFICE:  BMDO/JNI  
7. DD250 REQ:  LT  
8. APP CODE:  See Block 16  
9. DISTRIBUTION STATEMENT REQUIRED:  F  
10. FREQUENCY:  See Block 16  
11. AS OF DATE:  ASREQ  
12. DATE OF FIRST SUBMISSION:  ATP + 30 Days  
13. DATE OF SUBSEQUENT SUBMISSION:  See Block 16  
14. DISTRIBUTION and TOTAL COPIES:  See Table E-1  
15. REMARKS:  

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Block 4:  

10 Preparation Instructions.  
**This CDRL shall contain specific completion criteria and associated metrics consistent with the NMD program, update for C2.**  
**Content.**  DRR Criteria and Metrics shall be organized based on the following:  

- **Performance Criteria**  
  - Provide Assessment to Meet User Requirements  
  - Provide Ground and Flight Test Evaluations of System / Elements  
- **Demonstration Criteria**  
  - Demonstrate Performance of NMD System Supported by Test & Evaluation Data  
- **Deployment Criteria**  
  - Readiness to Produce and Deploy Effective NMD System  
  - Establish / Maintain Capability and Flexibility to Deploy in 3 years  
  - Provide Detailed Planning to Produce and Deploy NMD System with 3 years of Deployment Decision  

(Continued)

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G. PREPARED BY:  LTC CRAIG MAC ALLISTER  
H. DATE:  18 MAR 98  
I. APPROVED BY:  A. L. AUSTIN, BMDO/DCTD  
J. DATE:  18 MAR 98
CONTRACT DATA REQUIREMENTS LIST (Continuation Sheet)

A. CONTRACT LINE ITEM NO: 0123  
B. EXHIBIT: E
C. CATEGORY: TDP___ TM___ OTHER___X___  
D. SYSTEM/ITEM: NMD LSI
E. CONTRACT/PR. NO: HQ0006-98-C-0003  
F. CONTRACTOR: BOEING

1. DATA ITEM NO: E021
2. TITLE OF DATA ITEM: Scientific and Technical Reports
3. SUBTITLE: DRR Criteria and Metrics

Block 4: (Cont.)
• Deployment Criteria (Cont.)
  – Demonstrate Flexible Robust Design that Preserves ABM Treaty Compliant Architecture  
  – Deployment Readiness Plans  
  – Operational Sustainment Readiness Plans  
• Cost, Schedule and Risk for Deployment
  – Candidate Development / Deployment Trades  
  – Plan to Evolve from Proposed C1 Deployment(s) to C2/C3 Capability

Blocks 8: DRR Criteria and Metrics shall be assumed to be approved by the Government unless the Contractor is notified in writing by the PCO within 30 calendar days after receipt.

Blocks: 10, 13: DRR Criteria and Metrics shall be prepared on an “ASREQ” basis. DRR Criteria and Metrics shall be submitted as least ANNUALLY and shall include IMP Changes that result from changes in DRR Criteria and Metrics. In addition, IMP Changes that impact DRR Criteria and Metrics shall result in a revision

(End of E021)
CONTRACT DATA REQUIREMENTS LIST

A. CONTRACT LINE ITEM NO: 0123  B. EXHIBIT: E
C. CATEGORY: TDP__ TM__ OTHER__X__
D. SYSTEM/ITEM: NMD LSI
E. CONTRACT/PR. NO: HQ0006-98-C-0003  F. CONTRACTOR: BOEING

1. DATA ITEM NO.: E022
2. TITLE OF DATA ITEM: Scientific and Technical Reports
3. SUBTITLE: Operational Suitability Assessment Report
4. AUTHORITY: (Data Acquisition Document No.): DI-MISC-80711/T
5. CONTRACT REFERENCE: SOW para. 6.8.2, 10.8.2
6. REQUIRING OFFICE:
7. DD250 REQ: LT
8. APP CODE: N/A
9. DISTRIBUTION STATEMENT REQUIRED: F
10. FREQUENCY: OTIME
11. AS OF DATE: N/A
12. DATE OF FIRST SUBMISSION: 45 Days prior to each Readiness Assessment Review
13. DATE OF SUBSEQUENT SUBMISSION: ASREQ
14. DISTRIBUTION and TOTAL COPIES: See Table E-1
15. REMARKS:

Block 4:
The document will contain the Contractor’s assessment of the operational suitability of the system at the time the report is submitted. The assessment shall consider availability, compatibility, transportability, interoperability, reliability, war time usage rates, testability, maintainability, safety, human factors, manpower supportability, logistics supportability, natural environmental effects and impacts, documentation, and training requirements. The Contractor shall use analysis, modeling, simulations and test data in making the assessment and shall provide rationale and supporting data for the assessment results.

G. PREPARED BY: LTC CRAIG MAC ALLISTER  H. DATE: 18 MAR 98
I. APPROVED BY: A. L. AUSTIN, BMDO/DCTD  J. DATE: 18 MAR 98
CONTRACT DATA REQUIREMENTS LIST

A. CONTRACT LINE ITEM NO: 0123
B. EXHIBIT: E
C. CATEGORY: TDP___ TM___ OTHER___X___
D. SYSTEM/ITEM: NMD LSI
E. CONTRACT/PR. NO: HQ0006-98-C-0003
F. CONTRACTOR: BOEING

1. DATA ITEM NO.: E023
2. TITLE OF DATA ITEM: Scientific and Technical Reports
3. SUBTITLE: System Consolidated Facilities Requirement Document (FRD)
4. AUTHORITY: (Data Acquisition Document No.): DI-MISC-80711/T
5. CONTRACT REFERENCE: SOW para. 6.8.4, 10.8.4
6. REQUIRING OFFICE:
7. DD250 REQ: LT
8. APP CODE: A
9. DISTRIBUTION STATEMENT REQUIRED: F
10. FREQUENCY: OTIME
11. AS OF DATE: N/A
12. DATE OF FIRST SUBMISSION: 90 Days after CD3 option is exercised.
13. DATE OF SUBSEQUENT SUBMISSION: ASREQ
14. DISTRIBUTION and TOTAL COPIES: See Table E-1
15. REMARKS:
   Block 4:
   The Consolidated Facilities Requirements Document (FRD) defines the facility concepts and requirements for deployment and operations of the NMD System. It determines the facility functional requirements for the system and provides traceability to the system requirements. The information is to be used to support facilities planning, design and budgeting/programming.
   The FRD includes lists, design requirements and descriptions of all required facilities to support the NDM System and the Elements. It provides the descriptions for each facility required in terms of attributes or specified environments, which affect performance, design and/or cost.
   FRDs included:
   - Functional descriptions
   - General facility descriptions
   - Current DD Form 1391
   (Continued)

G. PREPARED BY: LTC CRAIG MAC ALLISTER
H. DATE: 18 MAR 98
I. APPROVED BY: A. L. AUSTIN, BMDO/DCTD
J. DATE: 18 MAR 98
CONTRACT DATA REQUIREMENTS LIST (Continuation Sheet)

A. CONTRACT LINE ITEM NO: 0123  
B. EXHIBIT: E
C. CATEGORY: TDP___ TM___ OTHER___X___
D. SYSTEM/ITEM: NMD LSI
E. CONTRACT/PR. NO: HQ0006-98-C-0003  
F. CONTRACTOR: BOEING

1. DATA ITEM NO.: E023
2. TITLE OF DATA ITEM: Scientific and Technical Reports
3. SUBTITLE: System Consolidated Facilities Requirement Document (FRD)

Block 4: (Cont.)
FRDs included: (Cont.)
- Site plans, preliminary line drawings and facility specifications
- Utility and transportation requirements
- Construction contractor considerations and schedule requirements
- Security considerations

Block 8: Government review and approval (or disapproval) and comments will be provided within 45 days after receipt of each submittal. Submit final FRD within 30 days after receipt of Government comments.

(End of E023)
CONTRACT DATA REQUIREMENTS LIST

A. CONTRACT LINE ITEM NO: 0123  B. EXHIBIT: E
C. CATEGORY: TDP___  TM___  OTHER___X___
D. SYSTEM/ITEM: NMD LSI
E. CONTRACT/PR. NO: HQ0006-98-C-0003  F. CONTRACTOR: BOEING

1. DATA ITEM NO.: E024
2. TITLE OF DATA ITEM: Scientific and Technical Reports
3. SUBTITLE: Integrated Deployment Plan (IDP)
4. AUTHORITY: (Data Acquisition Document No.): DI-MISC-80711/T
5. CONTRACT REFERENCE: SOW para. 6.3.6, 6.8.3, 10.8.3
6. REQUIRING OFFICE:
7. DD250 REQ: LT
8. APP CODE: A
9. DISTRIBUTION STATEMENT REQUIRED: F
10. FREQUENCY: OTIME
11. AS OF DATE: N/A
12. DATE OF FIRST SUBMISSION: 120 Days prior to C3 RFP
13. DATE OF SUBSEQUENT SUBMISSION: ASREQ
14. DISTRIBUTION and TOTAL COPIES: See Table E-1
15. REMARKS:

Block 4:
The NMD Integrated Deployment Plan (IDP) will provide a managerial overview of the actions and activities required to plan for and execute deployment of an initial capability in support of the system identified in the Capability 1 (C1), support the Deployment Readiness Review and execute deployment of the NMD System.

The IDP will be the overarching plan to deploy a system capable of performing the defined mission in the operational environment as identified by the user. The plan will accomplish the following:

- Identify system-level deployment concepts, strategies, planning, plan requirements, and activities.
- Identify deployment planning and execution roles and responsibilities.
- Identify required agreements between various agencies.
- Integrate, through the use of the Master Integrated Program Schedule (MIPS), all Project Office deployment planning.
- Summarize significant risks to deployment.

(Continued)

G. PREPARED BY: LTC CRAIG MAC ALLISTER  H. DATE: 18 MAR 98
I. APPROVED BY: A. L. AUSTIN, BMDO/DCTD  J. DATE: 18 MAR 98
CONTRACT DATA REQUIREMENTS LIST  (Continuation Sheet)

A. CONTRACT LINE ITEM NO:  0123  B. EXHIBIT:  E
C. CATEGORY:  TDP___ TM___ OTHER___X___
D. SYSTEM/ITEM:  NMD LSI
E. CONTRACT/PR. NO:  HQ0006-98-C-0003  F. CONTRACTOR:  BOEING

1. DATA ITEM NO.:  E024
2. TITLE OF DATA ITEM:  Scientific and Technical Reports
3. SUBTITLE:  Integrated Deployment Plan (IDP)

Block 4:  (Cont.)
- Define the Deployment Planning Program Integrated Product Team (DP PIPT) and subgroups.
- Establish a process for referring deployment planning issues to the DP PIPT.
- Identify deployment planning requirements, implementation constraints, and deployment status across all phases of the NMD Program:
  - Identify deployment planning and site activation schedule requirements
  - Facilitate identification of deployment concerns and incorporation of those concerns into the development phase.
  - Identify required milestones to support production and manufacturing planning.
  - Address system common services, functions, and items.
  - Integrate site activation activities into the total deployment effort.
  - Ensure user needs and requirements are incorporated into deployment planning.
  - Contain the system-level execution planning for deployment, if directed to do so in the FY00 Deployment Readiness Review.

Block 8:  Government review and approval (or disapproval) and comments will be provided within 45 days after receipt of each submittal. Submit final IDP within 30 days after receipt of Government comments.

(End of E024)
CONTRACT DATA REQUIREMENTS LIST

A. CONTRACT LINE ITEM NO: **0123**  
B. EXHIBIT: **E**  
C. CATEGORY: TDP___ TM___ OTHER___X___  
D. SYSTEM/ITEM: **NMD LSI**  
E. CONTRACT/PR. NO: **HQ0006-98-C-0003**  
F. CONTRACTOR: **BOEING**

1. DATA ITEM NO: **E025**  
2. TITLE OF DATA ITEM: **Site Preparation Requirements and Installation Plan**  
3. SUBTITLE: **Capstone Site Activation Plan (CSAP)**  
4. AUTHORITY: **(Data Acquisition Document No.): DI-MGMT-80033**  
5. CONTRACT REFERENCE: **SOW para. 6.3.6, 6.8.3, 10.8.3**  
6. REQUIRING OFFICE:  
7. DD250 REQ: **LT**  
8. APP CODE: **A**  
9. DISTRIBUTION STATEMENT REQUIRED: **F**  
10. FREQUENCY: **OTIME**  
11. AS OF DATE: **N/A**  
12. DATE OF FIRST SUBMISSION: **RFP -90CD**  
13. DATE OF SUBSEQUENT SUBMISSION: **ASREQ**  
14. DISTRIBUTION and 15. TOTAL COPIES: **See Table E-1**  
16. REMARKS:

Block 8: Government review and approval (or disapproval) and comments will be provided within 45 days after receipt of each submittal. Submit final CASP within 30 days after receipt of Government comments.

G. PREPARED BY: **LTC CRAIG MAC ALLISTER**  
H. DATE: **18 MAR 98**
I. APPROVED BY: **A. L. AUSTIN, BMDO/DCTD**  
J. DATE: **18 MAR 98**
CONTRACT DATA REQUIREMENTS LIST

A. CONTRACT LINE ITEM NO:  0123  
B. EXHIBIT:  E  
C. CATEGORY:  TDP___ TM___ OTHER___X___  
D. SYSTEM/ITEM:  NMD LSI  
E. CONTRACT/PR. NO:  HQ0006-98-C-0003  
F. CONTRACTOR:  BOEING  

1. DATA ITEM NO.:  E026  
2. TITLE OF DATA ITEM:  Scientific and Technical Reports  
3. SUBTITLE:  Integrated Logistics Support Plan (ILSP) - Update  
4. AUTHORITY:  (Data Acquisition Document No.):  DI-ILSS-80095  
5. CONTRACT REFERENCE:  SOW para. 6.3.6, 6.8.3, 10.8.3  
6. REQUIRING OFFICE:  
7. DD250 REQ:  LT  
8. APP CODE:  A  
9. DISTRIBUTION STATEMENT REQUIRED:  F  
10. FREQUENCY:  OTIME  
11. AS OF DATE:  N/A  
12. DATE OF FIRST SUBMISSION:  90 Days after Option Exercised  
13. DATE OF SUBSEQUENT SUBMISSION:  ASREQ  
14. DISTRIBUTION and TOTAL COPIES:  See Table E-1  
15. REMARKS:  

Block 4:  
Contractor shall use DI-ILSS-80095 as a guide. 

Block 8:  Government review and approval (or disapproval) and comments will be provided within 45 days after receipt of each submittal. Submit final ILSP-Update within 30 days after receipt of Government comments. 

G. PREPARED BY:  LTC CRAIG MAC ALLISTER  
H. DATE:  18 MAR 98  
I. APPROVED BY:  A. L. AUSTIN, BMDO/DCTD  
J. DATE:  18 MAR 98
CONTRACT DATA REQUIREMENTS LIST

A. CONTRACT LINE ITEM NO: 0123  
B. EXHIBIT: E  
C. CATEGORY: TDP___ TM___ OTHER___X___  
D. SYSTEM/ITEM: NMD LSI  
E. CONTRACT/PR. NO: HQ0006-98-C-0003  
F. CONTRACTOR: BOEING  

1. DATA ITEM NO.: E027  
2. TITLE OF DATA ITEM: Scientific and Technical Reports  
3. SUBTITLE: NMD System Training Plan (STP)  
4. AUTHORITY: (Data Acquisition Document No.): DI-MISC-80711/T  
5. CONTRACT REFERENCE: SOW para. 6.8.3, 10.8.3  
6. REQUIRING OFFICE:  
7. DD250 REQ: LT  
8. APP CODE: A  
9. DISTRIBUTION STATEMENT REQUIRED: F  
10. FREQUENCY: OTIME  
11. AS OF DATE: N/A  
12. DATE OF FIRST SUBMISSION: RFPR-120CD  
13. DATE OF SUBSEQUENT SUBMISSION: ASREQ  
14. DISTRIBUTION and TOTAL COPIES: See Table E-1  
15. REMARKS:  

Block 4:  
The document shall contain the Contractor’s plans for preparing for and conducting training of Government personnel on the NMD System through all phases of the program. It shall include identification of training courses to be conducted, training material to be developed for the courses, training equipment to be provided, and training facility requirements. It shall identify the roles of the Contractor and the Government in all training activities as well as detail schedules.  

Block 8: Government review and approval (or disapproval) and comments will be provided within 45 days after receipt of each submittal. Submit final STP within 30 days after receipt of Government comments.  

G. PREPARED BY: LTC CRAIG MAC ALLISTER  
H. DATE: 18 MAR 97  
I. APPROVED BY: A. L. AUSTIN, BMDO/DCTD  
J. DATE: 18 MAR 97
CONTRACT DATA REQUIREMENTS LIST

A. CONTRACT LINE ITEM NO: 0123  B. EXHIBIT: E
C. CATEGORY: TDP___ TM___ OTHER___X___
D. SYSTEM/ITEM: NMD LSI
E. CONTRACT/PR. NO: HQ0006-98-C-0003  F. CONTRACTOR: BOEING

1. DATA ITEM NO.: E028
2. TITLE OF DATA ITEM: Scientific and Technical Reports
3. SUBTITLE: Safety Assessment Report (SAR) / Hazard Tracking System (HTS)
4. AUTHORITY: (Data Acquisition Document No.): DI-MISC-80711/T
5. CONTRACT REFERENCE: SOW para. 6.7.2, 10.7.2
6. REQUIRING OFFICE:
7. DD250 REQ: LT
8. APP CODE: A
9. DISTRIBUTION STATEMENT REQUIRED: F
10. FREQUENCY: OTIME
11. AS OF DATE: ASREQ
12. DATE OF FIRST SUBMISSION: See Block 16
13. DATE OF SUBSEQUENT SUBMISSION: See Block 16
14. DISTRIBUTION and TOTAL COPIES: See Table E-1
15. REMARKS:

Block 4:
Add paragraph 10.4. Document content will address potential hazards associated with physical and personnel safety, environmental pollution or hazardous materials and waste, and personal health, risk assessments and hazards prioritization, and the databases used to identify, track, and minimize the aforementioned hazards associated with each system test(s).

Block 8: Government review and approval (or disapproval) and comments will be provided within 45 days after receipt of each submittal. Submit final SAR/HTS within 30 days after receipt of Government comments.

Blocks 12 and 13: Submit 6 months prior to first test, as required, for Government approval. Submit 6 months prior to subsequent tests as required for Government approval.

G. PREPARED BY: LTC CRAIG MAC ALLISTER  H. DATE: 18 MAR 98
I. APPROVED BY: A. L. AUSTIN, BMDO/DCTD  J. DATE: 18 MAR 98
CONTRACT DATA REQUIREMENTS LIST

A. CONTRACT LINE ITEM NO: 0123  B. EXHIBIT: E
C. CATEGORY: TDP___ TM___ OTHER___X___
D. SYSTEM/ITEM: NMD LSI
E. CONTRACT/PR. NO: HQ0006-98-C-0003  F. CONTRACTOR: BOEING

1. DATA ITEM NO.: E029
2. TITLE OF DATA ITEM: Scientific and Technical Reports
3. SUBTITLE: Range Safety Data Package
4. AUTHORITY: (Data Acquisition Document No.): DI-MISC-80711/T
5. CONTRACT REFERENCE: SOW para. 6.2.9, 6.7.2, 10.7.2
6. REQUIRING OFFICE:
7. DD250 REQ: LT
8. APP CODE: A
9. DISTRIBUTION STATEMENT REQUIRED: F
10. FREQUENCY: ASREQ
11. AS OF DATE: N/A
12. DATE OF FIRST SUBMISSION: 6 Months prior to each test, ASREQ.
13. DATE OF SUBSEQUENT SUBMISSION: ASREQ
14. DISTRIBUTION and TOTAL COPIES: See Table E-1
15. REMARKS:

Block 4:
Add paragraph 10.4. This document will address all potential safety hazards associated with preparing and conducting flight test operations at VAFB and USAKA, and the precautions taken, consistent with operational requirements, to protect mission objectives, prevent injury to local, permanent and transient Contractor/Government personnel, minimize damage to property, and preclude the advent of an international incident.

New paragraph 10.5. Document will include:
- Terminal and/or launch area hazard analyses associated with incoming re-entry vehicles (e.g., debris from booster stages post-boost vehicles, etc., probably of impact, debris dispersal; ground safety missile buildup, transport, and associated ground handling procedures.
- Local launch hazard analyses associated with a missile containing a Flight Termination System (FTS) Contractor Furnished. Consisting of the following:
  - Hazard area (debris corridor) clearances, range tracking and missile Inertial Nav System (INS) (or GNC) data to estimate missile deviation footprint.

(Continued)

G. PREPARED BY: LTC CRAIG MAC ALLISTER  H. DATE: 18 MAR 98
I. APPROVED BY: A. L. AUSTIN, BMDO/DCTD  J. DATE: 18 MAR 98
CONTRACT DATA REQUIREMENTS LIST

A. CONTRACT LINE ITEM NO: 0123  
B. EXHIBIT: E  
C. CATEGORY:  TDP___ TM___ OTHER___X___  
D. SYSTEM/ITEM: NMD LSI  
E. CONTRACT/PR. NO: HQ0006-98-C-0003  
F. CONTRACTOR: BOEING

1. DATA ITEM NO.: E029  
2. TITLE OF DATA ITEM: Scientific and Technical Reports  
3. SUBTITLE: Range Safety Data Package

Block 4: (Cont.)
- Hazard area analyses associated with local launch operations. Hazard operations include:
  - Booster/payload/assy, transport and handling at USAKA and Target Vehicle Assembly, transport and handling at VAFB.
  - WS/launch cell mech, Elec. Ops. at USAKA
  - WS/USAKA integration testing.
- Booster/payload mating & C/O:
  - Payload (EKV) propellant and gases pressurization.
  - Ordnance transport, handling and installation.
  - Electrical c/o of ordnance after installation.
- Identification of hazardous systems:
  - Booster (Net Explosive Weight of TNT, explosives classification).
  - P/L (EKV) Propellant and gas pressurized vessels, explosive devices (FTS and separation system), radioactive/toxic chemicals/materials.
  - GSE (TBD)

(End of E029)
CONTRACT DATA REQUIREMENTS LIST

A. CONTRACT LINE ITEM NO: 0123  B. EXHIBIT:  E  
C. CATEGORY:  TDP___ TM___ OTHER___X___  
D. SYSTEM/ITEM:  NMD LSI  
E. CONTRACT/PR. NO:  HQ0006-98-C-0003  F. CONTRACTOR:  BOEING

1. DATA ITEM NO:  E030  
2. TITLE OF DATA ITEM:  Scientific and Technical Reports  
3. SUBTITLE:  Technical Reports  
4. AUTHORITY:  (Data Acquisition Document No.): DI-MISC-80711/T  
5. CONTRACT REFERENCE:  SOW para. 6.2.2, 6.3.2, 10.2.2, 10.3.3  
6. REQUIRING OFFICE:  
7. DD250 REQ:  LT  
8. APP CODE:  N/A  
9. DISTRIBUTION STATEMENT REQUIRED:  F  
10. FREQUENCY:  See Block 16  
11. AS OF DATE:  See Block 16  
12. DATE OF FIRST SUBMISSION:  See Block 16  
13. DATE OF SUBSEQUENT SUBMISSION:  See Block 16  
14. DISTRIBUTION and TOTAL COPIES:  See Table E-1  
15. REMARKS:

Block 4:

This CDRL item shall contain formal documentation of technical information. Contractor format is acceptable.

Blocks 12 and 13: Specific submittal requirements for these reports will be determined as part of on-going IPT activity.

G. PREPARED BY:  LTC CRAIG MAC ALLISTER  H. DATE:  18 MAR 98  
I. APPROVED BY:  A. L. AUSTIN, BMDO/DCTD  J. DATE:  18 MAR 98
CONTRACT DATA REQUIREMENTS LIST

A. CONTRACT LINE ITEM NO: 0123  
B. EXHIBIT: E  
C. CATEGORY: TDP___ TM___ OTHER___X___  
D. SYSTEM/ITEM: NMD LSI  
E. CONTRACT/PR. NO: HQ0006-98-C-0003  
F. CONTRACTOR: BOEING  

1. DATA ITEM NO.: E031  
2. TITLE OF DATA ITEM: Contractor’s Configuration Management Plan  
3. SUBTITLE: NMD Configuration Management Plan  
4. AUTHORITY: (Data Acquisition Document No.): DI-CMAN-80858A/T  
5. CONTRACT REFERENCE: SOW para. 6.2.7, 6.3.2  
6. REQUIRING OFFICE:  
7. DD250 REQ: LT  
8. APP CODE: N/A  
9. DISTRIBUTION STATEMENT REQUIRED: F  
10. FREQUENCY: OTIME  
11. AS OF DATE: ASREQ  
12. DATE OF FIRST SUBMISSION: Update at C2 PDR - 30 Days  
13. DATE OF SUBSEQUENT SUBMISSION: ASREQ  
14. DISTRIBUTION and TOTAL COPIES: See Table E-1  
15. REMARKS:  

Block 4:  
7.1 Change to read as follows:  
This DID contains the format, content, and preparation instructions for a data item resulting from work tasks described in EIA/IS 649.  

10.2 Format and Content. Change to read as follows:  
The Contractor’s Configuration Management Plan format and content shall be in accordance with EIA/IS 649.  

G. PREPARED BY: LTC CRAIG MAC ALLISTER  
H. DATE: 18 MAR 98  
I. APPROVED BY: A. L. AUSTIN, BMDO/DCTD  
J. DATE: 18 MAR 98
CONTRACT DATA REQUIREMENTS LIST

A. CONTRACT LINE ITEM NO: 0123  
B. EXHIBIT: E  
C. CATEGORY: TDP___ TM___ OTHER___X___  
D. SYSTEM/ITEM: NMD LSI  
E. CONTRACT/PR. NO: HQ0006-98-C-0003  
F. CONTRACTOR: BOEING

1. DATA ITEM NO.: E032
2. TITLE OF DATA ITEM: Scientific and Technical Reports
3. SUBTITLE: System Behavior Analysis Report
4. AUTHORITY: (Data Acquisition Document No.): DI-MISC-80711/T
5. CONTRACT REFERENCE: SOW para. 6.2.10
6. REQUIRING OFFICE:
7. DD250 REQ: LT
8. APP CODE: N/A
9. DISTRIBUTION STATEMENT REQUIRED: F
10. FREQUENCY: See Block 16
11. AS OF DATE: ASREQ
12. DATE OF FIRST SUBMISSION: See Block 16
13. DATE OF SUBSEQUENT SUBMISSION: See Block 16
14. DISTRIBUTION and TOTAL COPIES: See Table E-1
15. REMARKS:

Block 4:

10.2 Change to read as follows: Document shall be in accordance with Contractor format.
Add the following: Contents of report shall:
   Identify/Document results of Behavior Verification for BMC3 upgrades/modifications to BMC3 elements
   – Compared to Baseline BMC3 Behavior
   – Compared to BMC3 Requirements

Block 10: Report verification of changes following each upgrade/modification to BMC3 Element of NMD System.

Blocks 12, 13: Within 30 Days following completion of each incremental upgrade to BMC3 Element.

G. PREPARED BY: LTC CRAIG MAC ALLISTER  
H. DATE: 18 MAR 98
I. APPROVED BY: A. L. AUSTIN, BMDO/DCTD  
J. DATE: 18 MAR 98
CONTRACT DATA REQUIREMENTS LIST

A. CONTRACT LINE ITEM NO: 0123  B. EXHIBIT: E
C. CATEGORY: TDP___ TM___ OTHER___X___
D. SYSTEM/ITEM: NMD LSI
E. CONTRACT/PR. NO: HQ0006-98-C-0003  F. CONTRACTOR: BOEING

1. DATA ITEM NO.: E033
2. TITLE OF DATA ITEM: Scientific and Technical Reports
3. SUBTITLE: Information Architecture (IA)
4. AUTHORITY: (Data Acquisition Document No.): DI-MISC-80711/T
5. CONTRACT REFERENCE: SOW para. 6.2.10
6. REQUIRING OFFICE:
7. DD250 REQ: LT
8. APP CODE: N/A
9. DISTRIBUTION STATEMENT REQUIRED: F
10. FREQUENCY: OTIME
11. AS OF DATE: ASREQ
12. DATE OF FIRST SUBMISSION: AT DRR
13. DATE OF SUBSEQUENT SUBMISSION: N/A
14. DISTRIBUTION and TOTAL COPIES: See Table E-1
15. REMARKS:

Block 4:


This CDRL documents the status of the Information Architecture at the end of the CLIN and delivers a complete version of the Information Architecture Model.

10.2 Change to read as follows: Report will be prepared in contractor format and submitted as electronic files via zip disk.

10.3 Change to read as follows: This report shall contain three electronic files:

10.3.1 A complete up-to-date version of the Information Architecture Model.
10.3.2 A file containing a detailed description of the functions of the Information Architecture and its interfaces with other elements/systems.
10.3.3 A file containing a complete dictionary of terms and definitions used in the Information Architecture.

G. PREPARED BY: LTC CRAIG MAC ALLISTER  H. DATE: 18 MAR 98
I. APPROVED BY: A. L. AUSTIN, BMDO/DCTD  J. DATE: 18 MAR 98

E-50
CONTRACT DATA REQUIREMENTS LIST

A. CONTRACT LINE ITEM NO: 0123  B. EXHIBIT: E
C. CATEGORY: TDP___ TM___ OTHER___  X  
D. SYSTEM/ITEM: NMD LSI
E. CONTRACT/PR. NO: HQ0006-98-C-0003  F. CONTRACTOR: BOEING

1. DATA ITEM NO.:  E034
2. TITLE OF DATA ITEM: Verification, Demonstration and Evaluation Plan
3. SUBTITLE: NMD System Verification Plan
4. AUTHORITY: (Data Acquisition Document No.): DI-MNTY-81188/T
5. CONTRACT REFERENCE: SOW para. 6.2.4, 10.2.4
6. REQUIRING OFFICE:
7. DD250 REQ: LT
8. APP CODE: N/A
9. DISTRIBUTION STATEMENT REQUIRED: F
10. FREQUENCY: OTIME
11. AS OF DATE: ASREQ
12. DATE OF FIRST SUBMISSION: ATP + 90 Days
13. DATE OF SUBSEQUENT SUBMISSION: ASREQ
14. DISTRIBUTION and TOTAL COPIES: See Table E-1
15. REMARKS:

Block 4:
10.1 Delete “Demonstration and Evaluations”.
10.2 Content. Delete and insert the following:
The Verification Plan shall describe, at the system level, how system requirements will be verified through testing, simulation and analysis. It shall include top level schedules, descriptions of test facilities and equipment, and overall planning approach.

G. PREPARED BY: LTC CRAIG MAC ALLISTER  H. DATE: 18 MAR 98
I. APPROVED BY: A. L. AUSTIN, BMDO/DCTD  J. DATE: 18 MAR 98
CONTRACT DATA REQUIREMENTS LIST

A. CONTRACT LINE ITEM NO: 0123  B. EXHIBIT: E
C. CATEGORY: TDP___ TM___ OTHER___X___
D. SYSTEM/ITEM: NMD LSI
E. CONTRACT/PR. NO: HQ0006-98-C-0003  F. CONTRACTOR: BOEING

1. DATA ITEM NO.: E035
2. TITLE OF DATA ITEM: Scientific and Technical Reports
3. SUBTITLE: Universal Documentation System Inputs
4. AUTHORITY: (Data Acquisition Document No.): DI-MISC-80711/T
5. CONTRACT REFERENCE: SOW para. 6.7.3, 10.7.3
6. REQUIRING OFFICE: BMDO/JNC, BMDO/JNMC, USASSDC/
7. DD250 REQ: LT
8. APP CODE: A
9. DISTRIBUTION STATEMENT REQUIRED: F
10. FREQUENCY: See Block 16
11. AS OF DATE: ASREQ
12. DATE OF FIRST SUBMISSION: See Block 16
13. DATE OF SUBSEQUENT SUBMISSION: See Block 16
14. DISTRIBUTION and TOTAL COPIES: See Table E-1
15. REMARKS:

Block 4:

10 Preparation Instructions.
This CDRL covers the PI, PRD, and OR Documents as defined in RCC Document 501.97. The necessary updates will be generated using the format instructions contained in RCC Document 501-97 or as established by existing versions of NMD UDS documents.

Content. Content shall be as prescribed in RCC Document 501.97.

Block 16: UDS Inputs shall be submitted IAW as required IAW schedule guidelines in Para. 3.4 of RCC Document 501-97 and as required for KMR and other Test Facilities for Government approval.

Block 8: Government review and approval (or disapproval) and comments will be provided within 45 days after receipt of each submittal. Submit final UDSI within 30 days after receipt of Government comments.

G. PREPARED BY: LTC CRAIG MAC ALLISTER  H. DATE: 18 MAR 98
I. APPROVED BY: A. L. AUSTIN, BMDO/DCTD  J. DATE: 18 MAR 98
CONTRACT DATA REQUIREMENTS LIST

A. CONTRACT LINE ITEM NO: 0123  B. EXHIBIT: E
C. CATEGORY: TDP___ TM___ OTHER___ X___
D. SYSTEM/ITEM: NMD LSI
E. CONTRACT/PR. NO: HQ0006-98-C-0003  F. CONTRACTOR: BOEING

1. DATA ITEM NO.: E036
2. TITLE OF DATA ITEM: Test Plan
3. SUBTITLE: Weapon System Test Plan
4. AUTHORITY: (Data Acquisition Document No.): DI-NTDI-80566/T
5. CONTRACT REFERENCE: SOW para. 6.3.5, 10.3.5
6. REQUIRING OFFICE:
7. DD250 REQ: LT
8. APP CODE: N/A
9. DISTRIBUTION STATEMENT REQUIRED: F
10. FREQUENCY: ONE/R
11. AS OF DATE: ASREQ
12. DATE OF FIRST SUBMISSION: Update 60 Days after ATP
13. DATE OF SUBSEQUENT SUBMISSION: ASREQ
14. DISTRIBUTION and TOTAL COPIES: See Table E-1
15. REMARKS:
   Block 4:
   10.3.1a Change to read as follows:
   “Title of the test program to be conducted.”

G. PREPARED BY: LTC CRAIG MAC ALLISTER  H. DATE: 18 MAR 98
I. APPROVED BY: A. L. AUSTIN, BMDO/DCTD  J. DATE: 18 MAR 98
A. CONTRACT LINE ITEM NO: 0123
B. EXHIBIT: E
C. CATEGORY: TDP___ TM___ OTHER___X___
D. SYSTEM/ITEM: NMD LSI
E. CONTRACT/PR. NO: HQ0006-98-C-0003
F. CONTRACTOR: BOEING

G. PREPARED BY: LTC CRAIG MAC ALLISTER
H. DATE: 18 MAR 98
I. APPROVED BY: A. L. AUSTIN, BMDO/DCTD
J. DATE: 18 MAR 98
CONTRACT DATA REQUIREMENTS LIST

A. CONTRACT LINE ITEM NO: 0123  B. EXHIBIT: E
C. CATEGORY: TDP___ TM___ OTHER___X___
D. SYSTEM/ITEM: NMD LSI
E. CONTRACT/PR. NO: HQ0006-98-C-0003  F. CONTRACTOR: BOEING

1. DATA ITEM NO.: E038
2. TITLE OF DATA ITEM: Test Plan
3. SUBTITLE: Weapon System Verification Plan
4. AUTHORITY: (Data Acquisition Document No.): DI-NDTI-80566/T
5. CONTRACT REFERENCE: SOW para. 6.3.2, 10.3.2
6. REQUIRING OFFICE:
7. DD250 REQ: LT
8. APP CODE: N/A
9. DISTRIBUTION STATEMENT REQUIRED: F
10. FREQUENCY: ONE/T
11. AS OF DATE: ASREQ
12. DATE OF FIRST SUBMISSION: Update 60 Days after ATP
13. DATE OF SUBSEQUENT SUBMISSION: ASREQ
14. DISTRIBUTION and TOTAL COPIES: See Table E-1
15. REMARKS:

Block 4:
Change “test” to “verification”.
Verification is defined as demonstration, analyses (including math models and simulations) and inspections.

G. PREPARED BY: LTC CRAIG MAC ALLISTER  H. DATE: 18 MAR 98
I. APPROVED BY: A. L. AUSTIN, BMDO/DCTD  J. DATE: 18 MAR 98
**CONTRACT DATA REQUIREMENTS LIST**

A. CONTRACT LINE ITEM NO:  **0123**  
B. EXHIBIT:  **E**  
C. CATEGORY:  **TDP___ TM___ OTHER___X__**  
D. SYSTEM/ITEM:  **NMD LSI**  
E. CONTRACT/PR. NO:  **HQ0006-98-C-0003**  
F. CONTRACTOR:  **BOEING**  

1. DATA ITEM NO.:  **E039**  
2. TITLE OF DATA ITEM:  **System/Subsystem Specification (SSS)**  
3. SUBTITLE:  **BMC3 Element Level A Specification**  
4. AUTHORITY:  **(Data Acquisition Document No.): DI-IPSC-81431/T**  
5. CONTRACT REFERENCE:  **SOW para. 6.2.3, 10.6.2**  
6. REQUIRING OFFICE:  
7. DD250 REQ:  **LT**  
8. APP CODE:  **A**  
9. DISTRIBUTION STATEMENT REQUIRED:  **F**  
10. FREQUENCY:  **See Block 16**  
11. AS OF DATE:  **ASREQ**  
12. DATE OF FIRST SUBMISSION:  **See Block 16**  
13. DATE OF SUBSEQUENT SUBMISSION:  **See Block 16**  
14. DISTRIBUTION and TOTAL COPIES:  **See Table E-1**  
15. REMARKS:  

**Block 4:**

**Add Format** - Contractor format is acceptable

**Block 8:** Government review and approval (or disapproval) and comments will be provided within 45 days after receipt. Submit final BMC3 Element Level A Specification within 30 days of receipt of Government comments.

**Blocks 10, 12, and 13:** Submit incremental update to BMC3 Element Level A Specification 15 days prior to C2 PDR. Submit revisions as required.

---

G. PREPARED BY:  **LTC CRAIG MAC ALLISTE**  
H. DATE:  **18 MAR 98**  
I. APPROVED BY:  **A. L. AUSTIN, BMDO/DCTD**  
J. DATE:  **18 MAR 98**
CONTRACT DATA REQUIREMENTS LIST

A. CONTRACT LINE ITEM NO:  0123
B. EXHIBIT:  E
C. CATEGORY:  TDP___ TM___ OTHER___X___
D. SYSTEM/ITEM:  NMD LSI
E. CONTRACT/PR. NO:  HQ0006-98-C-0003  F. CONTRACTOR:  BOEING

1. DATA ITEM NO.:  E040
2. TITLE OF DATA ITEM:  Software Development Plan
3. SUBTITLE:  BMC3 Software Development Plan (SDP)
4. AUTHORITY:  (Data Acquisition Document No.):  DI-IPSC-81427/T
5. CONTRACT REFERENCE:  SOW para. 6.6.2, 10.6.2
6. REQUIRING OFFICE:
7. DD250 REQ:  LT
8. APP CODE:  N/A
9. DISTRIBUTION STATEMENT REQUIRED:  F
10. FREQUENCY:  ONE/R
11. AS OF DATE:  ASREQ
12. DATE OF FIRST SUBMISSION:  AT C2 PDR
13. DATE OF SUBSEQUENT SUBMISSION:  ASREQ
14. DISTRIBUTION and TOTAL COPIES:  See Table E-1
15. REMARKS:

Block 4:
Preparation Instructions:  Plan shall be prepared in Contractor format.

G. PREPARED BY:  LTC CRAIG MAC ALLISTER  H. DATE:  18 MAR 98
I. APPROVED BY:  A. L. AUSTIN, BMDO/DCTD  J. DATE:  18 MAR 98
**CONTRACT DATA REQUIREMENTS LIST**

A. CONTRACT LINE ITEM NO: **0123**  
B. EXHIBIT: **E**  
C. CATEGORY: TDP____ TM____ OTHER____X____  
D. SYSTEM/ITEM: **NMD LSI**  
E. CONTRACT/PR. NO: **HQ0006-98-C-0003**  
F. CONTRACTOR: **BOEING**

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G. PREPARED BY: **LTC CRAIG MAC ALLISTER**  
H. DATE: **18 MAR 98**  
I. APPROVED BY: **A. L. AUSTIN, BMDO/DCTD**  
J. DATE: **18 MAR 98**
CONTRACT DATA REQUIREMENTS LIST

A. CONTRACT LINE ITEM NO: 0123
B. EXHIBIT: E
C. CATEGORY: TDP___ TM___ OTHER___X___
D. SYSTEM/ITEM: NMD LSI
E. CONTRACT/PR. NO: HQ0006-98-C-0003
F. CONTRACTOR: BOEING

1. DATA ITEM NO.: E042
2. TITLE OF DATA ITEM: Verification, Demonstration and Evaluation Plan
3. SUBTITLE: BMC3 Verification Plan
4. AUTHORITY: (Data Acquisition Document No.): DI-ILSS-81188/T
5. CONTRACT REFERENCE: SOW para. 6.6.2, 10.6.2
6. REQUIRING OFFICE:
7. DD250 REQ: LT
8. APP CODE: N/A
9. DISTRIBUTION STATEMENT REQUIRED: F
10. FREQUENCY: See Block 16
11. AS OF DATE: ASREQ
12. DATE OF FIRST SUBMISSION: See Block 16
13. DATE OF SUBSEQUENT SUBMISSION: See Block 16
14. DISTRIBUTION and TOTAL COPIES: See Table E-1
15. REMARKS:

Blocks 12 and 13: Plan shall be submitted at C2 PDR.

Plan shall be updated as required following each BMC3 update build.

G. PREPARED BY: LTC CRAIG MAC ALLISTER
H. DATE: 18 MAR 98
I. APPROVED BY: A. L. AUSTIN, BMDO/DCTD
J. DATE: 18 MAR 98
CONTRACT DATA REQUIREMENTS LIST

A. CONTRACT LINE ITEM NO: 0123
B. EXHIBIT: E
C. CATEGORY: TDP___ TM___ OTHER___X___
D. SYSTEM/ITEM: NMD LSI
E. CONTRACT/PR. NO: HQ0006-98-C-0003
F. CONTRACTOR: BOEING

1. DATA ITEM NO.: E043
2. TITLE OF DATA ITEM: System/Subsystem Specification (SSS)
3. SUBTITLE: XBR Element Level A Specification
4. AUTHORITY: (Data Acquisition Document No.): DI-IPSC-81431
5. CONTRACT REFERENCE: SOW para. 6.2.3
6. REQUIRING OFFICE:
7. DD250 REQ: LT
8. APP CODE: A
9. DISTRIBUTION STATEMENT REQUIRED: F
10. FREQUENCY: See Block 16
11. AS OF DATE: ASREQ
12. DATE OF FIRST SUBMISSION: See Block 16
13. DATE OF SUBSEQUENT SUBMISSION: See Block 16
14. DISTRIBUTION and 15. TOTAL COPIES: See Table E-1
16. REMARKS:

Block 4:
Add Format - Contractor format is acceptable

Block 8: The XBR Element Level A Specification will be submitted for approval. The Prime Item and Configuration Specification will be submitted for review. Government review and approval (or disapproval) and comments will be provided within 45 days after receipt of each submittal. Submit final XBR Element Level A Specification within 30 days after receipt of Government comments.


G. PREPARED BY: LTC CRAIG MAC ALLISTER
H. DATE: 18 MAR 98
I. APPROVED BY: A. L. AUSTIN, BMDO/DCTD
J. DATE: 18 MAR 98
CONTRACT DATA REQUIREMENTS LIST

A. CONTRACT LINE ITEM NO: 0123  B. EXHIBIT: E
C. CATEGORY: TDP__ TM__ OTHER__X__
D. SYSTEM/ITEM: NMD LSI
E. CONTRACT/PR. NO:  HQ0006-98-C-0003  F. CONTRACTOR: BOEING

1. DATA ITEM NO: E044
2. TITLE OF DATA ITEM: System/Subsystem Specification (SSS)
3. SUBTITLE: Weapon System Prime Item Specification
4. AUTHORITY: (Data Acquisition Document No.): DI-IPSC-81431/T
5. CONTRACT REFERENCE: SOW para. 6.3.2, 6.3.3
6. REQUIRING OFFICE:
7. DD250 REQ: LT
8. APP CODE: N/A
9. DISTRIBUTION STATEMENT REQUIRED: F
10. FREQUENCY: See Block 16
11. AS OF DATE: ASREQ
12. DATE OF FIRST SUBMISSION: See Block 16
13. DATE OF SUBSEQUENT SUBMISSION: See Block 16
14. DISTRIBUTION and 15. TOTAL COPIES: See Table E-1
16. REMARKS:

Block 4:
Add Format - Contractor format is acceptable

Blocks 10, 12 and 13: The Weapon System Prime Item Specification will be updated for C2 and submitted 15 days prior to C2 System Preliminary Design Review (SPDR).

G. PREPARED BY: LTC CRAIG MAC ALLISTER  H. DATE: 18 MAR 98
I. APPROVED BY: A. L. AUSTIN, BMDO/DCTD  J. DATE: 18 MAR 98
EXHIBIT F

CONTRACT DATA REQUIREMENTS LIST (CDRL)

FOR THE

NATIONAL MISSILE DEFENSE (NMD) LEAD SYSTEM INTEGRATOR (LSI)

NMD LSI Initial Sustainment CDRL

1 March 1999
### Block 14, Distribution

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**Table F-1, CDRL Distribution Matrix**

* These are the intended recipients of CDRL items. Electronic submission per CDRL instruction paragraph 11c will satisfy BMDO unclassified distribution requirements.
CONTRACT DATA REQUIREMENTS LIST

A. CONTRACT LINE ITEM NO: 0204  
B. EXHIBIT: F  
C. CATEGORY: TDP__ TM__ OTHER__X__  
D. SYSTEM/ITEM: NMD LSI  
E. CONTRACT/PR. NO: HQ0006-98-C-0003  
F. CONTRACTOR: BOEING  

1. DATA ITEM NO.: F001  
2. TITLE OF DATA ITEM: Contract Funds Status Report (CFSR)  
3. SUBTITLE:  
4. AUTHORITY: (Data Acquisition Document No.): DI-MGMT-81468  
5. CONTRACT REFERENCE: SOW para. 9.8.1  
6. REQUIRING OFFICE: BMDO/JNC  
7. DD250 REQ: LT  
8. APP CODE: N/A  
9. DISTRIBUTION STATEMENT REQUIRED: F  
10. FREQUENCY: QRTLY  
11. AS OF DATE: ASREQ  
12. DATE OF FIRST SUBMISSION: See Block 16  
13. DATE OF SUBSEQUENT SUBMISSION: See Block 16  
14. DISTRIBUTION and 15. TOTAL COPIES: See Table F-1  
16. REMARKS: Blocks 12 and 13: Initial Option 1 and subsequent CFSR submissions shall be delivered 25 calendar days after the end of the contractor’s accounting quarter.  

G. PREPARED BY: LTC CRAIG MAC ALLISTER  
H. DATE: 18 MAR 98  
I. APPROVED BY: A. L. AUSTIN, BMDO/DCTD  
J. DATE: 18 MAR 98
CONTRACT DATA REQUIREMENTS LIST

A. CONTRACT LINE ITEM NO: 0204   B. EXHIBIT: F
C. CATEGORY: TDP___ TM___ OTHER___ X __
D. SYSTEM/ITEM: NMD LSI
E. CONTRACT/PR. NO: HQ0006-98-C-0003   F. CONTRACTOR: BOEING

1. DATA ITEM NO.: F002
2. TITLE OF DATA ITEM: Functional Cost-Hour Report (DD Form 1921-1)
4. AUTHORITY: (Data Acquisition Document No.): DI-F-6007/T
5. CONTRACT REFERENCE: SOW para. 9.8.1
6. REQUIRING OFFICE: BMDO/JNC
7. DD250 REQ: LT
8. APP CODE: N/A
9. DISTRIBUTION STATEMENT REQUIRED: F
10. FREQUENCY: ONE/R
11. AS OF DATE: ASREQ
12. DATE OF FIRST SUBMISSION: 60 DAC
13. DATE OF SUBSEQUENT SUBMISSION: See Block 16
14. DISTRIBUTION and TOTAL COPIES: See Table F-1
15. REMARKS:

Block 4:
10 Preparation Instructions.
Submit in Electronic Data Interchange (EDI) format conforming to Accredited Standards Committee (ASC) X12 EDI 196 Transaction Set.

10.1 Content.
Submit Sections A and B. Do not submit Sections C and D (page 2 of DD Form 1921-1).

Include Interdivisional Work Authorizations/Interdivisional Transfers in the “Subcontractor Or Outside Production and Services” column.

Do not include costs for Sustainment activities (CLIN 0203) after Initial Operational Capability (IOC) has been reached.

Block 13: Provide the final submission 60 days after CLIN 0201 has been accepted.

G. PREPARED BY: LTC CRAIG MAC ALLISTER   H. DATE: 18 MAR 98
I. APPROVED BY: A. L. AUSTIN, BMDO/DCTD   J. DATE: 18 MAR 98
CONTRACT DATA REQUIREMENTS LIST

A. CONTRACT LINE ITEM NO: 0204  B. EXHIBIT: F
C. CATEGORY: TDP___ TM___ OTHER___X___
D. SYSTEM/ITEM: NMD LSI
E. CONTRACT/PR. NO: HQ0006-98-C-0003  F. CONTRACTOR: BOEING

1. DATA ITEM NO.: F003
2. TITLE OF DATA ITEM: Cost Performance Report (CPR)
3. SUBTITLE:
4. AUTHORITY: (Data Acquisition Document No.): DI-MGMT-81466/T
5. CONTRACT REFERENCE: SOW para. 9.8.1
6. REQUIRING OFFICE: BMDO/JNC
7. DD250 REQ: LT
8. APP CODE: N/A
9. DISTRIBUTION STATEMENT REQUIRED: F
10. FREQUENCY: MTHLY
11. AS OF DATE: ASREQ
12. DATE OF FIRST SUBMISSION: See Block 16
13. DATE OF SUBSEQUENT SUBMISSION: See Block 16
14. DISTRIBUTION and TOTAL COPIES: See Table F-1
15. REMARKS:

Block 4:
Change all references to “Cost/Schedule Control Systems Criteria (C/SCSC)” to read “Earned Value Management Systems (EVMS) Criteria”

DI-MGMT-81466, Paragraph 7.6, tailor reporting as follows:
7.6.1 Hard copies shall be submitted until electronic connectivity to the Contractor’s system is established. The Contractor shall also make hardcopy distribution to any addressee (Table A-1) who does not have electronic connectivity with the Contractor’s system. For hard copy reporting, report to CWBS level 3, unless the Contracting Officer calls for lower level reporting for a particular problem or period on an as-needed basis. Once electronic connectivity is established, addresses authorized by the Contracting Officer on behalf of the MND JPO shall have direct access to the CPR on a Contractor Integrated Technical Information Services (CITIS) basis. Simply stated, CITIS access means that the CPR addresses shall be able to directly access complete cost performance information electronically at the lowest CWBS level accumulated by the Contractor. However, the lowest level must be established so as to give Government managers visibility for major components of NMD Elements (e.g., Kill Vehicle of GBI; receiver/exciter for Ground-Based sensor(s); BMC2 software for BMC3). Electronic access shall include CPR format information for the prime contractor as well as subcontractors and shall also (Continued)

G. PREPARED BY: LTC CRAIG MAC ALLISTER  H. DATE: 15 SEP 98
I. APPROVED BY: A. L. AUSTIN, BMDO/DCTD  J. DATE: 15 SEP 98
CONTRACT DATA REQUIREMENTS LIST (Continuation Sheet)

A. CONTRACT LINE ITEM NO: 0204
B. EXHIBIT: F
C. CATEGORY: TDP___ TM___ OTHER___X___
D. SYSTEM/ITEM: NMD LSI
E. CONTRACT/PR. NO: HQ0006-98-C-0003
F. CONTRACTOR: BOEING

1. DATA ITEM NO.: F003
2. TITLE OF DATA ITEM: Cost Performance Report (CPR)
3. SUBTITLE:

Block 4 (Cont.):
include access to any trends, indices (SPI and CPI) and analyses prepared by the Contractor.
7.6.2 Report using Formats 1 through 5.

10. PREPARATION INSTRUCTIONS
10.2.2.4 Performance Data shall be measured against the updated baseline within 6 months of award. The Government reserves the right to hold a follow-on IBR as necessary. This time-phase performance measurement baseline (PMB) may not be changed without prior written approval from the Contracting Officer.
10.2.2.4.4 There will be no undistributed budget at CWBS level 1 or 2.
10.2.2.6.8 The amount in column 14g at CWBS level 1 will equal the amount in block 5b, Negotiated Cost. The amount in column 14g for CWBS elements at level 2 will correspond to the current value of the contract sub-line item number (SubCLIN) that includes the element.
10.2.4.5 (Format 3) and 10.2.5.4 (Format 4): For the specified periods (columns 10-14) beyond the initial 6 months, enter in quarterly increments.
10.2.5.1 (Format 4): report staffing in equivalent hours and person months.
10.2.6.3.2 (Format 5): In lieu of designated variance analysis thresholds, the Contractor shall perform and submit variance and problem analyses for the 10 most significant problems it identifies. Each such problem shall trigger variance analysis as appropriate of the current month and cumulative data for the CWBS entry(ies) and level where the problem is occurring, as well as problem analyses and get well’information and variance at completion.
10.2.6.2 (Format 5): Also include a reconciliation with dollar totals in the Contract Funds Status Report (CFSR) for those months in which the CFSR is submitted.

Blocks 12 and 13: Initial and subsequent CPR submissions shall be delivered on the last calendar day of the month after the end of the contractor’s accounting month.

This CDRL begins after Continued Development #3 ends and continues through the end of Initial Sustainment.
(End of F003)
CONTRACT DATA REQUIREMENTS LIST

A. CONTRACT LINE ITEM NO: 0204  
B. EXHIBIT: F  
C. CATEGORY: TDP___ TM___ OTHER___X___  
D. SYSTEM/ITEM: NMD LSI  
E. CONTRACT/PR. NO: HQ0006-98-C-0003  
F. CONTRACTOR: BOEING  

1. DATA ITEM NO.: F004  
2. TITLE OF DATA ITEM: Master Integrated Program Schedule  
3. SUBTITLE: NMD Integrated Master Schedule (IMS)  
4. AUTHORITY: (Data Acquisition Document No.): DI-MISC-81183A/T  
5. CONTRACT REFERENCE: SOW para. 9.8.1  
6. REQUIRING OFFICE: BMDO/JNC  
7. DD250 REQ: LT  
8. APP CODE: N/A  
9. DISTRIBUTION STATEMENT REQUIRED: F  
10. FREQUENCY: MTHLY  
11. AS OF DATE: ASREQ  
12. DATE OF FIRST SUBMISSION: 30 Days after end of continued development #3  
13. DATE OF SUBSEQUENT SUBMISSION: MTHLY  
14. DISTRIBUTION and TOTAL COPIES: See Table F-1  
15. REMARKS:  
   Block 4:  
   10. Preparation Instructions.  
   10.2 Content is modified as follows:  
       10.2.3 Intermediate Schedules. Intermediate level schedules shall be accomplished down to WBS level 4.  
       10.2.4 Detailed Schedules. Detailed schedules shall be accomplished down to WBS level 6. Any WBS leg where there is no work activity to be performed within the one year period following the “as of” date may be summarized at level 4.  
   10.3 Change “Master Integrated Program Schedule” to read “Integrated Master Schedule (IMS).”

G. PREPARED BY: LTC CRAIG MAC ALLISTER  
H. DATE: 5 OCT 98  
I. APPROVED BY: A. L. AUSTIN, BMDO/DCTD  
J. DATE: 5 OCT 98
CONTRACT DATA REQUIREMENTS LIST

A. CONTRACT LINE ITEM NO: 0204     B. EXHIBIT: F
C. CATEGORY: TDP___ TM___ OTHER___ X ___
D. SYSTEM/ITEM: NMD LSI
E. CONTRACT/PR. NO: HQ0006-98-C-0003     F. CONTRACTOR: BOEING

1. DATA ITEM NO.: F005
2. TITLE OF DATA ITEM: Cost Data Summary Report (DD Form 1921)
4. AUTHORITY: (Data Acquisition Document No.): DI-F-6006/T
5. CONTRACT REFERENCE: SOW para. 9.8.1
6. REQUIRING OFFICE: BMDO/JNC
7. DD250 REQ: LT
8. APP CODE: N/A
9. DISTRIBUTION STATEMENT REQUIRED: F
10. FREQUENCY: ONE/R
11. AS OF DATE: ASREQ
12. DATE OF FIRST SUBMISSION: See Block 16
13. DATE OF SUBSEQUENT SUBMISSION: See Block 16
14. DISTRIBUTION and 15. TOTAL COPIES: See Table F-1
16. REMARKS:
   Block 4:
   10 Preparation Instructions.
   10a Change “AFLCP/AFSCP 800-15” to read “AFMCP 800-15.”
   10b Submit in Electronic Data Interchange (EDI) format conforming to Accredited Standards Committee (ASC) X12 EDI 196 Transaction Set.

CONTINUED DEVELOPMENT #1
Block 4: (Continued for CD#1)

10.1 Content. Reports shall include all contract costs (prime and subcontractor). Report to level 3 of the CWBS. Provide a separate mapping from the CWBS to the Government Cost Breakdown Structure. Insert the CWBS in Block C (Element Code) of DD Form 1921. Provide costs incurred to date and at completion in the “Total” blocks only (blocks F and J). Do not complete block G (Number of Units).

(Continued)

G. PREPARED BY: LTC CRAIG MAC ALLISTER     H. DATE: 18 MAR 98
I. APPROVED BY: A. L. AUSTIN, BMDO/DCTD     J. DATE: 18 MAR 98
CONTRACT DATA REQUIREMENTS LIST (Continuation Sheet)

A. CONTRACT LINE ITEM NO: 0204 B. EXHIBIT: F
C. CATEGORY: TDP___ TM___ OTHER___ X ___
D. SYSTEM/ITEM: NMD LSI
E. CONTRACT/PR. NO: HQ0006-98-C-0003 F. CONTRACTOR: BOEING

1. DATA ITEM NO.: F005
2. TITLE OF DATA ITEM: Cost Data Summary Report (DD Form 1921)

Block 12: Provide the first submission 60 days after start of CLIN 0102.

Block 13: Provide the second submission 60 days after the completion of C1U1 Preliminary Design Review. Provide the final submission at the conclusion of the contract. The Contractor is authorized to delay submission up to 60 additional days after the completion of development work under this contract in order to capture as much actual cost as possible.

DEPLOYMENT
Block 4: (Continued for Deployment)

10.1 Content. Reports shall include contract costs (prime and subcontractor) for CLIN 0201 (Deployment) and data costs for deployment as applicable (CLIN 0203). Do not include costs for Sustainment activities (CLIN 0203) after Initial Operational Capability (IOC) has been reached. Report to level 3 of the CWBS except for NMD elements, which shall be reported at level 4 of the CWBS. Provide a separate mapping from the CWBS to the Government Cost Breakdown Structure. Insert the CWBS in Block C (Element Code) of DD Form 1921. Complete Nonrecurring, Recurring, Number of Units, Total blocks as applicable in the “costs incurred to date” and “cost incurred at completion” sections.

Block 12: Provide the first submission 60 days after start of CLIN 0201.

Block 13: Provide the second submission 60 days after CLIN 0201 has been accepted.

(End of F005)
CONTRACT DATA REQUIREMENTS LIST

A. CONTRACT LINE ITEM NO: 0204  B. EXHIBIT: F
C. CATEGORY: TDP___ TM___ OTHER___X___
D. SYSTEM/ITEM: NMD LSI
E. CONTRACT/PR. NO: HQ0006-98-C-0003  F. CONTRACTOR: BOEING

1. DATA ITEM NO.: F006
2. TITLE OF DATA ITEM: Scientific and Technical Reports
3. SUBTITLE: Data Accession List/Internal Data
4. AUTHORITY: (Data Acquisition Document No.): DI- MISC-80711/T
5. CONTRACT REFERENCE: SOW para. 9.8.1
6. REQUIRING OFFICE: BMDO/JNC
7. DD250 REQ: LT
8. APP CODE: See Block 16
9. DISTRIBUTION STATEMENT REQUIRED: F
10. FREQUENCY: See Block 16
11. AS OF DATE: ASREQ
12. DATE OF FIRST SUBMISSION: 30D after end of continued development #3
13. DATE OF SUBSEQUENT SUBMISSION: MTHLY
14. DISTRIBUTION and TOTAL COPIES: See Table F-1
15. REMARKS:

Block 4:
Provide electronic copies of any unclassified documents listed on the LSI Data Accession List as requested by the JPO. For documentation that is not available in electronic format (e.g., display photographs) or classified data, one hard copy shall be delivered to the JPO as requested.

10. Preparation Instructions. The Contractor shall provide an accession list identifying contractor internal data which have been generated by the Contractor as a result of the work effort called for by this contract.
10.3 Content. Include on the Data Accession List all reports, documents, studies, and other data either generated or used by the contractor in the performance of this contract. For computer software, omit standard commercial products used by the contractor in the performance of this contract. CDRL documents shall not be included in the Data Accession List.
10.3.2 General. The List shall include the identification number of the document, title which shall provide a brief description of the content, date of the document (and date of any revisions or changes), and an indication of the Government’s Right to the data using the following codes:
   “UR” = Unlimited Rights
   “LR” = Limited Rights
   “GPLR” = Government Purpose License Rights

G. PREPARED BY: LTC CRAIG MAC ALLISTER  H. DATE: 18 MAR 98
I. APPROVED BY: A. L. AUSTIN, BMDO/DCTD  J. DATE: 18 MAR 98
CONTRACT DATA REQUIREMENTS LIST

A. CONTRACT LINE ITEM NO: 0204  
B. EXHIBIT: F

C. CATEGORY:  TDP___ TM___ OTHER___X__  
D. SYSTEM/ITEM:  NMD LSI  
E. CONTRACT/PR. NO: HQ0006-98-C-0003  
F. CONTRACTOR: BOEING

1. DATA ITEM NO: F007
2. TITLE OF DATA ITEM: Engineering Change Proposals (ECP)
3. SUBTITLE: 
4. AUTHORITY: (Data Acquisition Document No.): DI-CMAN-80400/T
5. CONTRACT REFERENCE: SOW para. 9.8.1
6. REQUIRING OFFICE: 
7. DD250 REQ: LT
8. APP CODE: A
9. DISTRIBUTION STATEMENT REQUIRED: F
10. FREQUENCY: ASREQ
11. AS OF DATE: N/A
12. DATE OF FIRST SUBMISSION: ASREQ
13. DATE OF SUBSEQUENT SUBMISSION: ASREQ
14. DISTRIBUTION and TOTAL COPIES: See Table F-1
15. REMARKS:

Block 4:
7.1 Change to read as follows: This Data Item Description contains the requirements for preparation of the Engineering Change Proposal resulting from the work task described by paragraph 5.3 of EIA/IS-649 National Consensus Standard for Configuration Management, dated August 1995.
10.2 Change to read as follows: The Engineering Change Proposal shall be in contractor format using EIA/IS-649 as a guide.

G. PREPARED BY: LTC CRAIG MAC ALLISTER  
H. DATE: 18 MAR 98
I. APPROVED BY: A. L. AUSTIN, BMDO/DCTD  
J. DATE: 18 MAR 98
CONTRACT DATA REQUIREMENTS LIST

A. CONTRACT LINE ITEM NO:  0204  
B. EXHIBIT:  F  
C. CATEGORY:  TDP___ TM___ OTHER___X___  
D. SYSTEM/ITEM:  NMD LSI  
E. CONTRACT/PR. NO:  HQ0006-98-C-0003  
F. CONTRACTOR:  BOEING  

1. DATA ITEM NO.:  F008  
2. TITLE OF DATA ITEM:  Presentation Material  
3. SUBTITLE:  Presentation Material for Meetings, Audits & Reviews  
4. AUTHORITY:  (Data Acquisition Document No.):  See Block 16  
5. CONTRACT REFERENCE:  SOW para. 9.8.1  
6. REQUIRING OFFICE:  
7. DD250 REQ:  LT  
8. APP CODE:  N/A  
9. DISTRIBUTION STATEMENT REQUIRED:  F  
10. FREQUENCY:  See Block 16  
11. AS OF DATE:  N/A  
12. DATE OF FIRST SUBMISSION:  See Block 16  
13. DATE OF SUBSEQUENT SUBMISSION:  See Block 16  
14. DISTRIBUTION and 15. TOTAL COPIES:  See Table F-1  
16. REMARKS:  

Block 4:  
Conference Agenda per DI-ADMN-81249A; Conference Minutes per DI-ADMN-81250; Presentation Material per DI-ADMN-81373.  

Blocks 10, 12 and 13:  Agenda:  Submit agenda 10 days prior to the Reviews.  Presentation Material will be presented at the reviews.  Minutes:  Minutes, if required will be submitted within 14 days after review.  If corrections are required, submit revised within 14 days of receipt of Government comments.  

Applicability:  This CDRL shall apply to the following formal program reviews/meetings:  

1.  Customer Reviews, Audits and Meetings - Agendas and minutes may not be required

G. PREPARED BY:  LTC CRAIG MAC ALLISTER  
H. DATE:  18 MAR 98  
I. APPROVED BY:  A. L. AUSTIN, BMDO/DCTD  
J. DATE:  18 MAR 98
CONTRACT DATA REQUIREMENTS LIST

A. CONTRACT LINE ITEM NO: 0204
B. EXHIBIT: F
C. CATEGORY: TDP___ TM___ OTHER___X___
D. SYSTEM/ITEM: NMD LSI
E. CONTRACT/PR. NO: HQ0006-98-C-0003
F. CONTRACTOR: BOEING

1. DATA ITEM NO.: F009
2. TITLE OF DATA ITEM: Scientific and Technical Reports
3. SUBTITLE: Operational Suitability Assessment Report
4. AUTHORITY: (Data Acquisition Document No.): DI-MISC-80711/T
5. CONTRACT REFERENCE: SOW para.
6. REQUIRING OFFICE:
7. DD250 REQ: LT
8. APP CODE: N/A
9. DISTRIBUTION STATEMENT REQUIRED: F
10. FREQUENCY: ANNUALLY
11. AS OF DATE: N/A
12. DATE OF FIRST SUBMISSION: 30 Days prior to Annual Sustainment Review
13. DATE OF SUBSEQUENT SUBMISSION: Annually
14. DISTRIBUTION and TOTAL COPIES: See Table F-1
15. REMARKS:

Block 4:
The document will contain the Contractor’s assessment of the operational suitability of the system at the time the report is submitted. The assessment shall consider availability, compatibility, transportability, interoperability, reliability, war time usage rates, testability, maintainability, safety, human factors, manpower supportability, logistics supportability, natural environmental effects and impacts, documentation, and training requirements. The Contractor shall use analysis, modeling, simulations and test data in making the assessment and shall provide rationale and supporting data for the assessment results.

G. PREPARED BY: LTC CRAIG MAC ALLISTER
H. DATE: 18 MAR 98
I. APPROVED BY: A. L. AUSTIN, BMDO/DCTD
J. DATE: 18 MAR 98
CONTRACT DATA REQUIREMENTS LIST

A. CONTRACT LINE ITEM NO: 0204  B. EXHIBIT: F
C. CATEGORY:  TDP___ TM___ OTHER___X___  
D. SYSTEM/ITEM: NMD LSI  
E. CONTRACT/PR. NO: HQ0006-98-C-0003  
F. CONTRACTOR: BOEING

1. DATA ITEM NO.: F010  
2. TITLE OF DATA ITEM: Scientific and Technical Reports  
3. SUBTITLE: Technical Reports  
4. AUTHORITY: (Data Acquisition Document No.): DI-MISC-80711/T  
5. CONTRACT REFERENCE: SOW para. 9.8.2  
6. REQUIRING OFFICE: 
7. DD250 REQ: LT  
8. APP CODE: N/A  
9. DISTRIBUTION STATEMENT REQUIRED: F  
10. FREQUENCY: See Block 16  
11. AS OF DATE: See Block 16  
12. DATE OF FIRST SUBMISSION: See Block 16  
13. DATE OF SUBSEQUENT SUBMISSION: See Block 16  
14. DISTRIBUTION and TOTAL COPIES: See Table F-1  
15. REMARKS: Block 4:
This CDRL item shall contain formal documentation of technical information.
Contractor format is acceptable.

Blocks 12 and 13: Specific submittal requirements for these reports will be determined as part of on-going IPT activity.

G. PREPARED BY: LTC CRAIG MAC ALLISTER  
H. DATE: 18 MAR 98  
I. APPROVED BY: A. L. AUSTIN, BMDO/DCTD  
J. DATE: 18 MAR 98

F-14
CONTRACT DATA REQUIREMENTS LIST

A. CONTRACT LINE ITEM NO: 0204
B. EXHIBIT: F
C. CATEGORY: TDP___ TM___ OTHER___X___
D. SYSTEM/ITEM: NMD LSI
E. CONTRACT/PR. NO: HQ0006-98-C-0003  F. CONTRACTOR: BOEING

1. DATA ITEM NO.: F011
2. TITLE OF DATA ITEM: Scientific and Technical Reports
3. SUBTITLE: Annual Sustainment Review Report
4. AUTHORITY: (Data Acquisition Document No.): DI-MISC-80711/T
5. CONTRACT REFERENCE: SOW para. 9.8.5
6. REQUIRING OFFICE:
7. DD250 REQ: LT
8. APP CODE: A
9. DISTRIBUTION STATEMENT REQUIRED: F
10. FREQUENCY: 0TIME
11. AS OF DATE: N/A
12. DATE OF FIRST SUBMISSION: Annual Sustainment Review (ASR) -60CD
13. DATE OF SUBSEQUENT SUBMISSION: Annually
14. DISTRIBUTION and TOTAL COPIES: See Table F-1
15. REMARKS:

Block 4:
The report shall contain the Contractor’s assessment of the effectiveness of the NMD System sustainment. The assessments shall include reliability, maintainability, availability, field team effectiveness, transportation infrastructure, spares, customer (user) satisfaction, training, life-cycle-cost, safety, and environmental compliance. The report will contain rationale and support data sufficient to enable the Government to determine the effectiveness of the preceding period of Contractor support. Recommendations for improving system effectiveness through changes in the sustainment activities will be included.

Block 8: Government review and approval (or disapproval) and comments will be provided within 45 days after receipt of each submittal. Submit final Report within 30 days after receipt of Government comments.

G. PREPARED BY: LTC CRAIG MAC ALLISTER
H. DATE: 18 MAR 98
I. APPROVED BY: A. L. AUSTIN, BMDO/DCTD
J. DATE: 18 MAR 98
EXHIBIT G

CONTRACT DATA REQUIREMENTS LIST (CDRL)

FOR THE

NATIONAL MISSILE DEFENSE (NMD) LEAD SYSTEM INTEGRATOR (LSI)

NMD LSI Common Support CDRL

1 March 1999
### Block 14, Distribution*

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**Table G-1, CDRL Distribution Matrix**

* These are the intended recipients of CDRL items. Electronic submission per CDRL instruction paragraph 11c will satisfy BMDO unclassified distribution requirements.
### Block 14, Distribution*

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CONTRACT DATA REQUIREMENTS LIST

A. CONTRACT LINE ITEM NO: 0132
B. EXHIBIT: G
C. CATEGORY: TDP___ TM___ OTHER___X_
D. SYSTEM/ITEM: NMD LSI
E. CONTRACT/PR. NO: HQ0006-98-C-0003
F. CONTRACTOR: BOEING

1. DATA ITEM NO.: G001
2. TITLE OF DATA ITEM: Contract Funds Status Report (CFSR)
3. SUBTITLE:
4. AUTHORITY: (Data Acquisition Document No.): DI-MGMT-81468
5. CONTRACT REFERENCE: SOW para. 7.1.0,
6. REQUIRING OFFICE: BMDO/JNC
7. DD250 REQ: LT
8. APP CODE: N/A
9. DISTRIBUTION STATEMENT REQUIRED: F
10. FREQUENCY: QRTLY
11. AS OF DATE: ASREQ
12. DATE OF FIRST SUBMISSION: See Block 16
13. DATE OF SUBSEQUENT SUBMISSION: See Block 16
14. DISTRIBUTION and TOTAL COPIES: See Table G-1
15. REMARKS:
   Blocks 12 and 13: Initial and subsequent CFSR submissions shall be delivered 25 calendar days after the end of the contractor’s accounting quarter.

G. PREPARED BY: LTC CRAIG MAC ALLISTER
H. DATE: 18 MAR 98
I. APPROVED BY: A. L. AUSTIN, BMDO/DCTD
J. DATE: 18 MAR 98
**CONTRACT DATA REQUIREMENTS LIST**

A. CONTRACT LINE ITEM NO: 0132  
B. EXHIBIT: G  
C. CATEGORY: TDP___ TM___ OTHER___X___  
D. SYSTEM/ITEM: NMD LSI  
E. CONTRACT/PR. NO: HQ0006-98-C-0003  
F. CONTRACTOR: BOEING  

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<td>DI-MGMT-81466, Paragraph 7.6, tailor reporting as follows:</td>
<td>7.6.1 Hard copies shall be submitted until electronic connectivity to the Contractor’s system is established. The Contractor shall also make hardcopy distribution to any addressee (Table A-1) who does not have electronic connectivity with the Contractor’s system. For hard copy reportin, report to CWBS level 3, unless the Contracting Officer calls for lower level reporting for a particular problem or period on an as-needed basis. Once electronic connectivity is established, addresses authorized by the Contracting Officer on behalf of the MND JPO shall have direct access to the CPR on a Contractor Integrated Technical Information Services (CITIS) basis. Simply stated, CITIS access means that the CPR addresses shall be able to directly access complete cost performance information electronically at the lowest CWBS level accumulated by the Contractor. However, the lowest level must be established so as to give Government managers visibility for major components of NMD Elements (e.g., Kill Vehicle of GBI; receiver/exciter for Ground-Based sensor(s); BMC2 software for BMC3). Electronic access shall include CPR format information for the prime contractor as well as subcontractors and shall also (Continued)</td>
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CONTRACT DATA REQUIREMENTS LIST (Continuation Sheet)

A. CONTRACT LINE ITEM NO:  0132  
B. EXHIBIT:  G  
C. CATEGORY:  TDP___ TM___ OTHER___X__  
D. SYSTEM/ITEM:  NMD LSI  
E. CONTRACT/PR. NO:  HQ0006-98-C-0003  
F. CONTRACTOR:  Boeing  

1. DATA ITEM NO.:  G002  
2. TITLE OF DATA ITEM:  Cost Performance Report (CPR)  
3. SUBTITLE:  

Block 4 (Cont.):  
include access to any trends, indices (SPI and CPI) and analyses prepared by the Contractor.  
7.6.2 Report using Formats 1 through 5.  

10. PREPARATION INSTRUCTIONS  
10.2.2.4 Performance Data shall be measured against the update baseline established within 6 months of award. The Government reserves the right to hold a follow-on IBR as necessary. This time-phase performance measurement baseline (PMB) may not be changed without prior written approval from the Contracting Officer.  
10.2.2.4.4 There will be no undistributed budget at CWBS level 1 or 2.  
10.2.2.6.8 The amount in column 14g at CWBS level 1 will equal the amount in block 5b, Negotiated Cost. The amount in column 14g for CWBS elements at level 2 will correspond to the current value of the contract sub-line item number (SubCLIN) that includes the element.  
10.2.4.5 (Format 3) and 10.2.5.4 (Format 4): For the specified periods (columns 10-14) beyond the initial 6 months, enter in quarterly increments.  
10.2.5.1 (Format 4): report staffing in equivalent hours and person months.  
10.2.6.3.2 (Format 5): In lieu of designated variance analysis thresholds, the Contractor shall perform and submit variance and problem analyses for the 10 most significant problems it identifies. Each such problem shall trigger variance analysis as appropriate of the current month and cumulative data for the CWBS entry(ies) and level where the problem is occurring, as well as problem analyses and get well information and variance at completion.  
10.2.6.2 (Format 5): Also include a reconciliation with dollar totals in the Contract Funds Status Report (CFSR) for those months in which the CFSR is submitted.  

Blocks 12 and 13: Initial and subsequent CPR submissions shall be delivered on the last calendar day of the month after the end of the contractor’s accounting month.  

This CDRL applies to Continued Development #1, #2 and Deployment.  

(End of G002)
CONTRACT DATA REQUIREMENTS LIST

A. CONTRACT LINE ITEM NO: 0132  B. EXHIBIT: G
C. CATEGORY: TDP__ TM__ OTHER__X__
D. SYSTEM/ITEM: NMD LSI
E. CONTRACT/PR. NO: HQ0006-98-C-0003  F. CONTRACTOR: BOEING

1. DATA ITEM NO.: G003
2. TITLE OF DATA ITEM: Master Integrated Program Schedule
3. SUBTITLE: NMD Integrated Master Schedule (IMS)
4. AUTHORITY: (Data Acquisition Document No.): MISC-81183A/T
5. CONTRACT REFERENCE: SOW para. 7.1.0
6. REQUIRING OFFICE: BMDO/JNC
7. DD250 REQ: LT
8. APP CODE: N/A
9. DISTRIBUTION STATEMENT REQUIRED: F
10. FREQUENCY: MTHLY
11. AS OF DATE: ASREQ
12. DATE OF FIRST SUBMISSION: 30 Days after end of Basic
13. DATE OF SUBSEQUENT SUBMISSION: MTHLY
14. DISTRIBUTION and TOTAL COPIES: See Table G-1
15. REMARKS:

Block 4:
10. Preparation Instructions.
10.2 Content is modified as follows:
10.2.3 Intermediate Schedules. Intermediate level schedules shall be accomplished down to WBS level 4.
10.2.4 Detailed Schedules. Detailed schedules shall be accomplished down to WBS level 6. Any WBS leg where there is no work activity to be performed within the one year period following the “as of” date may be summarized at level 4.
10.3 Change “Master Integrated Program Schedule” to read “Integrated Master Schedule (IMS).”

This CDRL applies to Continued Development #1, #2 and Deployment. In the event that Continued Development #1 and Deployment are exercised, IMS reporting shall be considered under Continued Development #1.

G. PREPARED BY: LTC CRAIG MAC ALLISTER  H. DATE: 5 OCT 98
I. APPROVED BY: A. L. AUSTIN, BMDO/DCTD  J. DATE: 5 OCT 98
CONTRACT DATA REQUIREMENTS LIST

A. CONTRACT LINE ITEM NO: 0132
B. EXHIBIT: G
C. CATEGORY: TDP___ TM___ OTHER___ X __
D. SYSTEM/ITEM: NMD LSI
E. CONTRACT/PR. NO: HQ0006-98-C-0003
F. CONTRACTOR: BOEING

1. DATA ITEM NO.: G004
2. TITLE OF DATA ITEM: Cost Data Summary Report (DD Form 1921)
4. AUTHORITY: (Data Acquisition Document No.): DI-F-6006/T
5. CONTRACT REFERENCE: SOW para. 7.1.0
6. REQUIRING OFFICE: BMDO/JNC
7. DD250 REQ: LT
8. APP CODE: N/A
9. DISTRIBUTION STATEMENT REQUIRED: F
10. FREQUENCY: ONE/R
11. AS OF DATE: ASREQ
12. DATE OF FIRST SUBMISSION: See Block 16
13. DATE OF SUBSEQUENT SUBMISSION: See Block 16
14. DISTRIBUTION and TOTAL COPIES: See Table G-1
15. REMARKS:

   Block 4:
   10 Preparation Instructions.

   10a Change “AFLCP/AFSCP 800-15” to read “AFMCP 800-15.”

   10b Submit in Electronic Data Interchange (EDI) format conforming to Accredited Standards Committee (ASC) X12 EDI 196 Transaction Set.

   CONTINUED DEVELOPMENT #1
   Block 4: (Continued for CD#1)

   10.1 Content. Reports shall include all contract costs (prime and subcontractor). Report to level 3 of the CWBS. Provide a separate mapping from the CWBS to the Government Cost Breakdown Structure. Insert the CWBS in Block C (Element Code) of DD Form 1921. Provide costs incurred to date and at completion in the “Total” blocks only (blocks F and J). Do not complete block G (Number of Units).

   (Continued)
I. APPROVED BY:  A. L. AUSTIN, BMDO/DCTD   J. DATE:  18 MAR 98

CONTRACT DATA REQUIREMENTS LIST (Continuation Sheet)

A. CONTRACT LINE ITEM NO:  0132   B. EXHIBIT:  G
C. CATEGORY:  TDP___ TM___ OTHER___X___
D. SYSTEM/ITEM:  NMD LSI
E. CONTRACT/PR. NO:  HQ0006-98-C-0003   F. CONTRACTOR:  BOEING

1. DATA ITEM NO.:  G004
2. TITLE OF DATA ITEM:  Cost Data Summary Report (DD Form 1921)

Block 12:  Provide the first submission 60 days after start of CLIN 0102.

Block 13:  Provide the second submission 60 days after the completion of C1U1 Preliminary Design Review.  Provide the final submission at the conclusion of the contract.  The Contractor is authorized to delay submission up to 60 additional days after the completion of development work under this contract in order to capture as much actual cost as possible.

DEPLOYMENT
Block 4:  (Continued for Deployment)

10.1  Content.  Reports shall include contract costs (prime and subcontractor) for CLIN 0201 (Deployment) and data costs for deployment as applicable (CLIN 0203).  Do not include costs for Sustainment activities (CLIN 0203) after Initial Operational Capability (IOC) has been reached.  Report to level 3 of the CWBS except for NMD elements, which shall be reported at level 4 of the CWBS.  Provide a separate mapping from the CWBS to the Government Cost Breakdown Structure.  Insert the CWBS in Block C (Element Code) of DD Form 1921.  Complete Nonrecurring, Recurring, Number of Units, Total blocks as applicable in the “costs incurred to date” and “cost incurred at completion” sections.

Block 12:  Provide the first submission 60 days after start of CLIN 0201.

Block 13:  Provide the second submission 60 days after CLIN 0201 has been accepted.

(End of G004)
## CONTRACT DATA REQUIREMENTS LIST

A. CONTRACT LINE ITEM NO: 0132  
B. EXHIBIT: G  
C. CATEGORY: TDP___ TM___ OTHER___X___  
D. SYSTEM/ITEM: NMD LSI  
E. CONTRACT/PR. NO: HQ0006-98-C-0003  
F. CONTRACTOR: BOEING  

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<td>AUTHORITY: (Data Acquisition Document No.): DI-FNCL-80448/T</td>
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<td>16.</td>
<td>REMARKS: Block 4:</td>
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10. **Preparation Instructions.** Submit an annual update of the LCCE submitted as part of the proposal.  
10.3 **Breakout of LCC.** Delete Figure 1 of DID-FNCL-80448. Use the BMDO Cost Breakdown Structure in Figure 2.0-1 of Appendix E of the NMD Cost Analysis/Estimating Terms of Reference (TOR), Version 2.0, July 1997.  

Block 13: In lieu of specifying Semi-Annual submissions, subsequent submissions shall normally be Annual. However, the Government reserves the right to call for up to two (2) additional “out-of-cycle” LCCE updates in the event of major budget or program changes. Any out-of-cycle submission called for shall be in writing by the PCO and shall be due sixty (60) days after the notification is received by the Contractor.  

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G. PREPARED BY: LTC CRAIG MAC ALLISTER  
H. DATE: 18 MAR 98
I. APPROVED BY: A. L. AUSTIN, BMDO/DCTD J. DATE: 18 MAR 98

CONTRACT DATA REQUIREMENTS LIST

A. CONTRACT LINE ITEM NO: 0132 B. EXHIBIT: G
C. CATEGORY: TDP__ TM__ OTHER__ X __
D. SYSTEM/ITEM: NMD LSI
E. CONTRACT/PR. NO: HQ0006-98-C-0003 F. CONTRACTOR: BOEING

1. DATA ITEM NO.: G006
2. TITLE OF DATA ITEM: Program Protection Implementation Plan
3. SUBTITLE: National Missile Defense Program Protection Management Plan (NMD PPMP)
4. AUTHORITY: (Data Acquisition Document No.): DI-ADMN-81306/T
5. CONTRACT REFERENCE: SOW para. 7.2.6
6. REQUIRING OFFICE: BMDO/DSIS
7. DD250 REQ: LT
8. APP CODE: AD
9. DISTRIBUTION STATEMENT REQUIRED: F
10. FREQUENCY: BIANNUAL
11. AS OF DATE: ASREQ
12. DATE OF FIRST SUBMISSION: See Block 16
13. DATE OF SUBSEQUENT SUBMISSION: ASREQ
14. DISTRIBUTION and TOTAL COPIES: See Table G-1
15. REMARKS:

Block 4:

3 Description/Purpose

3.1 A Government Program Protection Plan does not yet exist for NMD. The LSI Contractor shall write the NMD Program Protection Management Plan (PPMP) to document existing program protection efforts taking into account the LSI integration and management approach for NMD.

The Contractor shall provide a detailed plan on how it will assist the Government in protecting the NMD program, specifically to ensure that the research, development and acquisition (RD&A) of NMD capabilities, systems and technologies is not hindered, compromised or in any way defeated prior to fielding and, as a result, contribute to the survivability and increased longevity required once fielded. This requires security processes and structures that establish and assure the confidentiality, availability, and integrity of information used in conjunction with NMD RD&A and supporting contracts. Contractor security processes include, but are not limited to, identifying: (1) aspects of, or items within, the NMD program, classified or unclassified, that require protection [e.g. critical program information systems and/or technology (CPI)]; (2) protection and assurance related risk management techniques and threat-based countermeasures, to

(Continued)

G. PREPARED BY: LTC CRAIG MAC ALLISTER H. DATE: 18 MAR 98
I. APPROVED BY:  A. L. AUSTIN, BMDO/DCTD       J. DATE:  18 MAR 98

CONTRACT DATA REQUIREMENTS LIST (Continuation Sheet)

A. CONTRACT LINE ITEM NO:  0132       B. EXHIBIT:  G
C. CATEGORY:  TDP___ TM___ OTHER___ X ___
D. SYSTEM/ITEM:  NMD LSI
E. CONTRACT/PR. NO:  HQ0006-98-C-0003       F. CONTRACTOR:  BOEING

1. DATA ITEM NO.:  G006
2. TITLE OF DATA ITEM:  Program Protection Implementation Plan
3. SUBTITLE:  National Missile Defense Program Protection Management Plan (NMD PPMP)

Block 4 (Cont.):
include horizontal protection; (3) specific information systems security and information assurance needs; to include defensive information warfare considerations; as well as protection needs concerning; (4) classification management; (5) physical, personnel and operations security; (6) international security, technology transfer and foreign disclosure; and (7) the possible administration of special access programs. This management plan will also address merging with on-going NMD-related acquisition systems, and program protection and assurance actions within OSD, BMDO, the NMD JPO and Service elements involved in the NMD effort.

7.1 Change the references in the first sentence to read: “Background. This data item satisfies requirements of DoD 5000.2-R (Part 4, paragraph 4.4.5) and BMDO Directive 5200, dated January 29, 1997.”

10 Preparation Instructions.
The Contractor shall identify portions of the NMD Program, classified or unclassified, that require protection and document how the NMD Program will be protected to prevent unauthorized disclosure or inadvertent transfer of critical program technology or information. The Contractor shall identify risk management techniques and threat-based countermeasures to provide cost-effective protection. When appropriately applied, the process will meet requirements of information systems security, defensive information warfare, classification management, TEMPEST, physical security, personnel security, operations security, international security, technology transfer, and special access programs. 10.1 Content Requirements. Contractor format is acceptable but should, as a minimum, contain the following information satisfy the following information requirements:

A. System and Program Description, detailing unique characteristics (e.g. capabilities and structures)
B. NMD CPI (e.g. critical information, systems & technologies), and related threats (e.g. foreign collection threat), threat-based vulnerabilities identified via risk and vulnerability assessments, and countermeasures recommendations that include cost-benefit analyses.
   – NMD System-wide

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CONTRACT DATA REQUIREMENTS LIST (Continuation Sheet)

A. CONTRACT LINE ITEM NO:  0132  
B. EXHIBIT:  G
C. CATEGORY:  TDP___  TM___  OTHER___  X ___
D. SYSTEM/ITEM:  NMD LSI
E. CONTRACT/PR. NO:  HQ0006-98-C-0003  
F. CONTRACTOR:  BOEING

1. DATA ITEM NO.:  G006
2. TITLE OF DATA ITEM:  Program Protection Implementation Plan
3. SUBTITLE:  National Missile Defense Program Protection Management Plan (NMD PPMP)

Block 4 (Cont.):
   – NMD Elements (GBI, GBR, etc.)
   – NMD RD&A processes and infrastructure.
C. Risk Management Strategy applied to protection and assurance needs.
D. Horizontal Protection Strategy to ensure commensurate protection and assurance across NMD elements, as well as with external programs and fielded capabilities involving or utilizing same technologies, information or systems.
E. Information Assurance Strategy
F. Information Systems Transition Strategy which identifies security requirements for the baseline information systems being migrated to components of an operational weapon system; identify how existing security services enhancements may be required to meet operational needs at milestones.
G. Time-Event Phased Classification Guide
H. Implementation & Validation Procedures
I. Technology Assessment and Control Plans (as required)
J. Protection Costs
K. Plan of Action to develop the structures and processes, and to implement these, as well as that required to addressed in block 7, e.g. information systems security, defensive information warfare, physical security, personnel security, operations security, international security, technology transfer, foreign disclosure, and special access programs administration needs once approved.

Blocks 8 and 12:  Submit a draft of the PPMP 120 DAC. The Government review and comments will be provided within 45 days after receipt. Submit the final NMD PPMP 30 days after receipt of Government Comments.

(End of G006)
CONTRACT DATA REQUIREMENTS LIST

A. CONTRACT LINE ITEM NO: 0132  B. EXHIBIT: G
C. CATEGORY: TDP___ TM___ OTHER___X___
D. SYSTEM/ITEM: NMD LSI
E. CONTRACT/PR. NO: HQ0006-98-C-0003  F. CONTRACTOR: BOEING

1. DATA ITEM NO.: G007
2. TITLE OF DATA ITEM: System/Subsystem Specification (SSS)
3. SUBTITLE: System Specification
4. AUTHORITY: (Data Acquisition Document No.): DI-IPSC-81431/T
5. CONTRACT REFERENCE: SOW para. 7.2.3
6. REQUIRING OFFICE:
7. DD250 REQ: LT
8. APP CODE: A
9. DISTRIBUTION STATEMENT REQUIRED: F
10. FREQUENCY: See Block 16
11. AS OF DATE: ASREQ
12. DATE OF FIRST SUBMISSION: See Block 16
13. DATE OF SUBSEQUENT SUBMISSION: Update at SCDR - 30 CD ASREQ
14. DISTRIBUTION and TOTAL COPIES: Update at C1U2 PDR - 15 CD ASREQ
15. REMARKS:
   Block 4: Add Format - Contractor format is acceptable.
   Block 8: Government review and approval (or disapproval) and comments will be provided within 45 days after receipt. Submit final System/Subsystem Specification within 30 days after receipt of Government comments.

G. PREPARED BY: LTC CRAIG MAC ALLISTER  H. DATE: 18 MAR 98
I. APPROVED BY: A. L. AUSTIN, BMDO/DCTD  J. DATE: 18 MAR 98

CONTRACT DATA REQUIREMENTS LIST

A. CONTRACT LINE ITEM NO: 0132 B. EXHIBIT: G
C. CATEGORY: TDP___ TM___ OTHER___ X __
D. SYSTEM/ITEM: NMD LSI
E. CONTRACT/PR. NO:  HQ0006-98-C-0003 F. CONTRACTOR: BOEING

1. DATA ITEM NO.: G008
2. TITLE OF DATA ITEM: Test and Evaluation Program Plan (TEPP)
3. SUBTITLE: NMD Integrated Test and Evaluation Plan (ITEP)
4. AUTHORITY: (Data Acquisition Document No.): DI-NDTI-81284/T
5. CONTRACT REFERENCE: SOW para. 3.7.3
6. REQUIRING OFFICE:
7. DD250 REQ: LT
8. APP CODE: AD
9. DISTRIBUTION STATEMENT REQUIRED: F
10. FREQUENCY: OTIME
11. AS OF DATE: ASREQ
12. DATE OF FIRST SUBMISSION: Draft SFR -75CD
13. DATE OF SUBSEQUENT SUBMISSION: Final at SFR and ASREQ
14. DISTRIBUTION and TOTAL COPIES: See Table G-1
15. REMARKS:

Block 4:

3. DESCRIPTION/PURPOSE
3.1  Change to read as follows: “The Plan ITEP outlines the plans and performance objectives at every level of testing on systems and subsystems. It provides the procuring activity with the test concept, objectives and requirements to be satisfied, test methods, elements, responsible activities associated with the testing, measures required, test data processing requirements, and recording analysis and evaluation procedures to be used.”
7.2 Change to read as follows: “This DID is applicable to system and subsystem tests that include laboratory tests, simulations, ground tests, flight tests, integration tests, human factor tests, operational tests and acceptance tests.”
10.1 Format. Change “The Test and Evaluation Program Plan (TEPP) shall be in the contractor’s format and shall conform to the following:” to read “The Integrated Test and Evaluation Plan (ITEP) shall be in the contractor’s format”.
10.1.1 Delete
10.1.2 Delete
(Continued)

G. PREPARED BY: LTC CRAIG MAC ALLISTER  H. DATE: 18 MAR 98
I. APPROVED BY: A. L. AUSTIN, BMDO/DCTD J. DATE: 18 MAR 98

CONTRACT DATA REQUIREMENTS LIST (Continuation Sheet)

A. CONTRACT LINE ITEM NO: 0132 B. EXHIBIT: G
C. CATEGORY: TDP___ TM___ OTHER___ X ___
D. SYSTEM/ITEM: NMD LSI
E. CONTRACT/PR. NO: HQ0006-98-C-0003 F. CONTRACTOR: BOEING

1. DATA ITEM NO.: G008
2. TITLE OF DATA ITEM: Test Plan
3. SUBTITLE: NMD Integrated Test and Evaluation Plan (ITEP)

Block 4: (Cont.)

10.2.2 Introduction. Change to read as follows: “The introduction shall describe the plan and its relationship to the elements of the overall program, and an overview of the test program’s objectives, including process flow diagrams, milestones/significant accomplishments, test resources and personnel, and relationship to design development, production and tactical deployment.

10.2.3 Change “The TEPP…” to “The ITEP…”

10.2.4 Change “i.e., Joint Test Group (JTG)”

10.2.5 Tests and examinations. Change “The TEPP” to “The ITEP”

10.3.2 Change the first sentence to read as follows: “Consists of an overview of the objectives of the plan, including process flow diagrams, milestones, personnel participation, locations, schedules, and security measures to be observed.”

10.3.3 10.2.5.1 Change to read as follows: “Process Flow Diagrams. The process flow diagrams will reflect a functional description of the test and evaluation program using a block diagram portrayal of the functions that must be met to satisfy the total test program.”

10.2.5.2 Change “The TEPP…” to “The ITEP…”

10.2.5.3 Change to read as follows: “Test and Evaluation Objectives. Describes the objective of each test performed, including the traceability to requirements documents, test requirements, data requirements and evaluation criteria for each test.”

a. Test requirements
b. Data requirements
c. Evaluation
d. Criteria

10.2.5.4 Test support requirements.

10.2.5.4a Change to read as follows: “Instrumentation. Indicates the data collection method that will be used and the approximate number and types of parameters to be recorded.”

10.2.5.4b Test Logistics,” change to “identify logistics requirements including maintenance and repair for test equipment and facilities, and packaging, handling, storage and transportation (PHS&T) for test articles, support equipment and spares.”
(Continued)

**CONTRACT DATA REQUIREMENTS LIST (Continuation Sheet)**

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1. DATA ITEM NO.: G008
2. TITLE OF DATA ITEM: Test Plan
3. SUBTITLE: NMD Integrated Test and Evaluation Plan (ITEP)

**Block 4:(Cont.)**

10.2.5.4c Change “Government facilities” to “Government facilities and locations for each type of test…” Change to read as follows: “Government test facilities. Identify the specific government to be used for each type of test.”
10.2.5.4d Change to read as follows: “Data reduction and analysis. Describes data to be collected and the data reduction and analysis techniques that will be used to interpret the data.” “An overview of the procedures that the contractor will use to analyze, evaluate, and verify the test results will also be provided.
10.2.5.5 Change to read: General Tests: This section shall provide a listing for each type of test, a description, test methodology and general change to procedures.
10.2.5.6 Special tests. Change to read as follows: “Special tests. Provides a list of special test resources necessary to verify satisfactory system or subsystem performance to specifications.”

**Block 8:** Government review and approval (or disapproval) and comments will be provided within 45 days after receipt of each submittal. Submit final test plan within 30 days after receipt of Government comments.

(End of G008)
CONTRACT DATA REQUIREMENTS LIST

A. CONTRACT LINE ITEM NO: 0132  
B. EXHIBIT: G  
C. CATEGORY: TDP___ TM___ OTHER___ X___  
D. SYSTEM/ITEM: NMD LSI  
E. CONTRACT/PR. NO: HQ0006-98-C-0003  
F. CONTRACTOR: BOEING

1. DATA ITEM NO.: G009  
2. TITLE OF DATA ITEM: Test Design and Assessment Report  
3. SUBTITLE: Ground and Flight Test Evaluation and Assessment Final Report  
4. AUTHORITY: (Data Acquisition Document No.): DI-ATTS-81273/T  
5. CONTRACT REFERENCE: SOW para. 7.7.6  
6. REQUIRING OFFICE:  
7. DD250 REQ: LT  
8. APP CODE: AD  
9. DISTRIBUTION STATEMENT REQUIRED: F  
10. FREQUENCY: OTIME  
11. AS OF DATE: N/A  
12. DATE OF FIRST SUBMISSION: See Block 16  
13. DATE OF SUBSEQUENT SUBMISSION: See Block 16  
14. DISTRIBUTION and TOTAL COPIES: See Table G-1  
15. REMARKS:

Block 4:
3.1 Change first sentence to read as follows: “This report documents the results of the evaluation of a system’s test design”.
7.1 Change to read as follows: “This DID contains the format and preparation instructions for system evaluation resulting from a specified test phase or period.”  
7.2 Delete this paragraph in its entirety.  
10.2 Change to read as follows: “Format. The Test Evaluation and Assessment Final Report shall be in the contractor’s format.”  
10.3 Change to read as follows: “Content Requirements. The content of the Test Evaluation and Assessment Final Report shall be the following:”  
10.3.1 Change to read as follows: “A brief description of the functional operation of the system and of each element.”  
10.3.2 Change to read as follows: “A description of the system’s operational concept.”  
10.3.3 Change to read as follows: “Identification of mission requirements and operational constraints.”

(Continued)

G. PREPARED BY: LTC CRAIG MAC ALLISTER  
H. DATE: 18 MAR 98
I. APPROVED BY:  A. L. AUSTIN, BMDO/DCTD       J. DATE:  18 MAR 98

CONTRACT DATA REQUIREMENTS LIST (Continuation Sheet)

A. CONTRACT LINE ITEM NO:  0132       B. EXHIBIT:  G
C. CATEGORY:  TDP____  TM____  OTHER___  X ___
D. SYSTEM/ITEM:  NMD LSI
E. CONTRACT/PR. NO:  HQ0006-98-C-0003  F. CONTRACTOR:  BOEING

1. DATA ITEM NO.:  G009
2. TITLE OF DATA ITEM:  Test Design and Assessment Report
3. SUBTITLE:  Ground and Flight Test Evaluation and Assessment Final Report

Block 4: (Cont.)
10.3.3.2 Change to read as follows: “For each item to be included in this analysis, a
definition of risks and risk mitigation and identification of areas that require additional
testing.”
10.3.3.3 Change to read as follows: “System integration and performance measurements
tested.”
10.3.3.4 Change to read as follows: “System engagement performance measurements
tested, e.g., acquisision, track, discrimination, interception, etc.”
10.3.3.5 Change to read as follows: “System kill capability and performance assessment.”
10.3.3.6 Change to read as follows: “Human-in-control operations and performance
Measurements tested.”
10.3.3.7 Add item to read as follows: “Assessment of verification related to testing,
demonstrations, inspections and T&E analysis”.

Block 8: Government review and approval (or disapproval) and comments will be
provided within 45 days after receipt of each submittal. Submit final test plan within 30
days after receipt of Government comments.

Blocks 12 and 13: Submit Draft Report 75 calendar days prior to End of Common phase
(CLIN 0131) for Government approval. Submit Final at End of Common phase (CLIN
0131)

(End of G009)
CONTRACT DATA REQUIREMENTS LIST

A. CONTRACT LINE ITEM NO: 0132  
B. EXHIBIT: G  
C. CATEGORY: TDP___ TM___ OTHER___X___  
D. SYSTEM/ITEM: NMD LSI  
E. CONTRACT/PR. NO: HQ0006-98-C-0003  
F. CONTRACTOR: BOEING  

1. DATA ITEM NO.: G010  
2. TITLE OF DATA ITEM: Scientific and Technical Reports  
3. SUBTITLE: Data Accession List/Internal Data  
4. AUTHORITY: (Data Acquisition Document No.): DI- MISC-80711/T  
5. CONTRACT REFERENCE: SOW para. 7.1.0  
6. REQUIRING OFFICE: BMDO/JNC  
7. DD250 REQ: LT  
8. APP CODE: See Block 16  
9. DISTRIBUTION STATEMENT REQUIRED: F  
10. FREQUENCY: See Block 16  
11. AS OF DATE: ASREQ  
12. DATE OF FIRST SUBMISSION: 30DAC  
13. DATE OF SUBSEQUENT SUBMISSION: MTHLY  
14. DISTRIBUTION and TOTAL COPIES: See Table G-1  
15. REMARKS:  
Block 4:  
Provide electronic copies of any unclassified documents listed on the LSI Data Accession List as requested by the JPO. For documentation that is not available in electronic format (e.g., display photographs) or classified data, one hard copy shall be delivered to the JPO as requested.  
10. Preparation Instructions. The Contractor shall provide an accession list identifying contractor internal data which have been generated by the Contractor as a result of the work effort called for by this contract.  
10.3 Content. Include on the Data Accession List all reports, documents, studies, and other data either generated or used by the contractor in the performance of this contract. For computer software, omit standard commercial products used by the contractor in the performance of this contract. CDRL documents shall not be included in the Data Accession List.  
10.3.2 General. The List shall include the identification number of the document, title which shall provide a brief description of the content, date of the document (and date of and any revisions or changes), and an indication of the Government’s Right to the data using the following codes:  
   “UR” = Unlimited Rights  
   “LR” = Limited Rights  
   “GPLR” = Government Purpose License Rights  
G. PREPARED BY: LTC CRAIG MAC ALLISTER  
H. DATE: 18 MAR 98
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<td>14. DISTRIBUTION and TOTAL COPIES:</td>
<td>See Table G-1</td>
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<td>16. REMARKS:</td>
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Block 4:

7.1 Change to read as follows: This Data Item Description contains the requirements for preparation of the Engineering Change Proposal resulting from the work task described by paragraph 5.3 of EIA/IS-649 National Consensus Standard for Configuration Management, dated August 1995.

10.2 Change to read as follows: The Engineering Change Proposal shall be in contractor format using EIA/IS-649 as a guide.

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<tr>
<td>G. PREPARED BY:</td>
<td>LTC CRAIG MAC ALLISTER</td>
<td></td>
<td></td>
<td>H. DATE:</td>
<td>18 MAR 98</td>
</tr>
</tbody>
</table>
I. APPROVED BY:  A. L. AUSTIN, BMDO/DCTD   J. DATE:  18 MAR 98

CONTRACT DATA REQUIREMENTS LIST

A. CONTRACT LINE ITEM NO:  0132  B. EXHIBIT:  G
C. CATEGORY:  TDP___ TM___ OTHER___X___
D. SYSTEM/ITEM:  NMD LSI
E. CONTRACT/PR. NO:  HQ0006-98-C-0003  F. CONTRACTOR:  BOEING

1. DATA ITEM NO.:  G012
2. TITLE OF DATA ITEM:  System/Subsystem Specification (SSS)
3. SUBTITLE:  Weapon System Element Level A Specification
4. AUTHORITY:  (Data Acquisition Document No.):  DI-IPSC-81431/T
5. CONTRACT REFERENCE:  SOW para. 7.3.2
6. REQUIRING OFFICE:  
7. DD250 REQ:  LT
8. APP CODE:  See Block 16
9. DISTRIBUTION STATEMENT REQUIRED:  F
10. FREQUENCY:  See Block 16
11. AS OF DATE:  ASREQ
12. DATE OF FIRST SUBMISSION:  See Block 16
13. DATE OF SUBSEQUENT SUBMISSION:  See Block 16
14. DISTRIBUTION and TOTAL COPIES:  See Table G-1
16. REMARKS:

Block 4:
Add Format - Contractor format is acceptable

Block 8: The Weapon System Element Level A Specification will be submitted for approval. Government review and approval (or disapproval) and comment to the Element Specification will be provided within 45 days after receipt. Re-submittal of Weapon System Element Level A Specification will be within 30 days of receipt of Government comment.

Blocks 10, 12 and 13: Submit Weapon System Element Level A Specification as required during this period.

G. PREPARED BY:  LTC CRAIG MAC ALLISTER   H. DATE:  18 MAR 98
I. APPROVED BY: A. L. AUSTIN, BMDO/DCTD

J. DATE: 18 MAR 98

CONTRACT DATA REQUIREMENTS LIST

A. CONTRACT LINE ITEM NO: 0132

B. EXHIBIT: G

C. CATEGORY: TDP___ TM___ OTHER___ X __

D. SYSTEM/ITEM: NMD LSI

E. CONTRACT/PR. NO: HQ0006-98-C-0003

F. CONTRACTOR: BOEING

1. DATA ITEM NO.: G013

2. TITLE OF DATA ITEM: Software Development Plan (SDP)

3. SUBTITLE: NMD Software Development Plan (SDP)

4. AUTHORITY: (Data Acquisition Document No.): DI-IPSC-81427/T

5. CONTRACT REFERENCE: SOW para. 3.2.3, 3.2.10, 3.3.2, 3.3.3.1, 3.3.3.2, 3.5.3.1

6. REQUIRING OFFICE:

7. DD250 REQ: LT

8. APP CODE: A

9. DISTRIBUTION STATEMENT REQUIRED: F

10. FREQUENCY: ONE/R

11. AS OF DATE: ASREQ

12. DATE OF FIRST SUBMISSION: See Block 16

13. DATE OF SUBSEQUENT SUBMISSION: See Block 16

14. DISTRIBUTION and 15. TOTAL COPIES: See Table G-1

16. REMARKS:

Block 4:
Delete the following paragraphs in their entirety:
4.2.3,
4.2.3.1,
4.2.3.2,
4.2.5 and
5.8

Block 8: Government review and approval (or disapproval) and comments will be provided within 45 days after receipt of each submittal. Submit final NMD Software Development Plan within 30 days after receipt of Government comments.

Blocks 10, 12 and 13: The Software Development Plan (SDP) will be updated, as required, and submitted for Government approval.

G. PREPARED BY: LTC CRAIG MAC ALLISTER

H. DATE: 18 MAR 98
I. APPROVED BY:  A. L. AUSTIN, BMDO/DCTD   J. DATE:  18 MAR 98

CONTRACT DATA REQUIREMENTS LIST

A. CONTRACT LINE ITEM NO:  0132   B. EXHIBIT:  G
C. CATEGORY:  TDP___ TM___ OTHER___X___
D. SYSTEM/ITEM:  NMD LSI
E. CONTRACT/PR. NO:  HQ0006-98-C-0003  F. CONTRACTOR:  BOEING

1. DATA ITEM NO.:  G014
2. TITLE OF DATA ITEM:  Scientific and Technical Reports
3. SUBTITLE:  Risk Management Plan
4. AUTHORITY:  (Data Acquisition Document No.):  DI-MISC-80711/T
5. CONTRACT REFERENCE:  SOW para. 7.2.5
6. REQUIRING OFFICE:
7. DD250 REQ:  LT
8. APP CODE:  N/A
9. DISTRIBUTION STATEMENT REQUIRED:  F
10. FREQUENCY:  ONE/R
11. AS OF DATE:  ASREQ
12. DATE OF FIRST SUBMISSION:  See Block 16
13. DATE OF SUBSEQUENT SUBMISSION:  See Block 16
14. DISTRIBUTION and 15. TOTAL COPIES:  See Table G-1
16. REMARKS:

Block 4:
The contractor shall prepare, implement and maintain, a LSI Risk Management Plan to include risk management tasks that encompass the effort to establish, implement, and maintain a proactive risk management program that provides for the identification, analysis, assessment and mitigation of risk issues in achieving LSI program cost, schedule, and performance goals

Blocks 12 and 13: The Risk Management Plan will be updated, if required, at System Critical Design Review (SCDR) and C2 Preliminary Design Review (PDR).

G. PREPARED BY:  LTC CRAIG MAC ALLISTER   H. DATE:  18 MAR 98
I. APPROVED BY: A. L. AUSTIN, BMDO/DCTD J. DATE: 18 MAR 98

CONTRACT DATA REQUIREMENTS LIST

A. CONTRACT LINE ITEM NO: 0132 B. EXHIBIT: G
C. CATEGORY: TDP___ TM___ OTHER___X___
D. SYSTEM/ITEM: NMD LSI
E. CONTRACT/PR. NO: HQ0006-98-C-0003 F. CONTRACTOR: BOEING

1. DATA ITEM NO.: G015
2. TITLE OF DATA ITEM: System Safety Program Plan
3. SUBTITLE:
4. AUTHORITY: (Data Acquisition Document No.): DI-SAFT-80100A
5. CONTRACT REFERENCE: SOW para. 7.8.2
6. REQUIRING OFFICE:
7. DD250 REQ: LT
8. APP CODE: N/A
9. DISTRIBUTION STATEMENT REQUIRED: F
10. FREQUENCY: ONE/R
11. AS OF DATE: ASREQ
12. DATE OF FIRST SUBMISSION: See Block 16
13. DATE OF SUBSEQUENT SUBMISSION: See Block 16
14. DISTRIBUTION and 15. TOTAL COPIES: See Table G-1
16. REMARKS: Blocks 12 and 13: The System Safety Program Plan will be updated, if required, at C2 Preliminary Design Review (PDR), with revisions as required.

G. PREPARED BY: LTC CRAIG MAC ALLISTER H. DATE: 18 MAR 98

G-26
I. APPROVED BY:  A. L. AUSTIN, BMDO/DCTD          J. DATE:  18 MAR 98

CONTRACT DATA REQUIREMENTS LIST

A. CONTRACT LINE ITEM NO:  0132          B. EXHIBIT:  G
C. CATEGORY:  TDP___ TM___ OTHER___X___
D. SYSTEM/ITEM:  NMD LSI
E. CONTRACT/PR. NO:  HQ0006-98-C-0003  F. CONTRACTOR:  BOEING

1. DATA ITEM NO.:  G016
2. TITLE OF DATA ITEM:  Parts Control Program Plan
3. SUBTITLE:
4. AUTHORITY:  (Data Acquisition Document No.):  DI-MISC-80526B/T
5. CONTRACT REFERENCE:  SOW para. 7.2.6
6. REQUIRING OFFICE:
7. DD250 REQ:  LT
8. APP CODE:  A
9. DISTRIBUTION STATEMENT REQUIRED:  F
10. FREQUENCY:  OTIME
11. AS OF DATE:  N/A
12. DATE OF FIRST SUBMISSION:  60 DAC
13. DATE OF SUBSEQUENT SUBMISSION:  ASREQ
14. DISTRIBUTION and TOTAL COPIES:  See Table G-1
15. TOTAL COPIES:
16. REMARKS:

Block 4:
The Data Item Description (DID) DI-MISC-80526B is modified to read as follows

SCOPE/ PREPARATION INSTRUCTIONS

CONTENT- The Parts, Materials and Processes Control Program Plan shall describe the Parts, Materials and Processes control process to include:

A  Organizational structure used to manage PMP related issues and the interfaces with other PMP related functional areas, including designation of a PMP control board.
B  Process for hardware subcontractor PMP control, including criteria to certify contractors for reduced oversight, and methods to manage subcontractors that are unable to obtain certification.
C  Requirements for hardware subcontractor PMP control programs to include:
   1) Documented PMP selection processes that maximize standardization consistent with program requirements.
   2) PMP Qualification to meet the reliability and performance requirements for the application in which they are used. Qualification shall include radiation hardness evaluation and destructive physical analysis where applicable.

(Continued)

G. PREPARED BY:  LTC CRAIG MAC ALLISTER          H. DATE:  18 MAR 98
I. APPROVED BY:  A. L. AUSTIN, BMDO/DCTD          J. DATE:  18 MAR 98
CONTRACT DATA REQUIREMENTS LIST (Continuation Sheet)

A. CONTRACT LINE ITEM NO: 0132    B. EXHIBIT: G
C. CATEGORY: TDP___ TM___ OTHER___ X __
D. SYSTEM/ITEM: NMD LSI
E. CONTRACT/PR. NO: HQ0006-98-C-0003    F. CONTRACTOR: BOEING

1. DATA ITEM NO.: G016
2. TITLE OF DATA ITEM: Parts Control Program Plan
3. SUBTITLE:

Block 4 (Cont.)

3) Part, Material, and Process specifications and change control of these specifications.
4) Screening and Ongoing Quality Assurance addressing use of the following methods: qualified lines, screening plans, testing of higher level assemblies, and use of statistical quality assurance data.
5) Processes to ensure the integrity of the parts and materials through those manufacturing processes within the control of the supplier, to include handling, shipping, storage, and part marking.
6) Use of the Government Industry Data Exchange Program (GIDEP) to obtain part failure reporting data and advance warning of diminishing sources. Other industry data sources (i.e. TacTech) shall also be used to obtain information on diminishing source risks.
7) Electronic Parts Diminishing Manufacturing Source risk management approach.
8) Criteria for assessing and verifying the suitability of Commercial-off-the-shelf (COTS) parts for the intended application.
9) Subtier PMP management and supplier selection criteria.
10) The use of electronic searchable parts and materials lists and performance metrics using these lists.
11) A process to respond to failure events and document lessons learned in PMP selection and control.
12) Corrosion Prevention and Control
13) Radiation Hardness Assurance of spacecraft or launch systems, addressing total ionizing dose, single event effects, part selection criteria for radiation hardness, and design mitigation techniques.
14) Contamination Control in design, manufacturing, test, shipment, launch, and operation for all contamination sensitive hardware including space based systems and optics.

D Use of hardware subcontractor parts database information to establish metrics to track program PMP performance and DMS risks.

(Continued)
CONTRACT DATA REQUIREMENTS LIST (Continuation Sheet)

A. CONTRACT LINE ITEM NO: 0132
B. EXHIBIT: G
C. CATEGORY: TDP___ TM___ OTHER___ X ___
D. SYSTEM/ITEM: NMD LSI
E. CONTRACT/PR. NO: HQ0006-98-C-0003
F. CONTRACTOR: BOEING

1. DATA ITEM NO.: G016
2. TITLE OF DATA ITEM: Parts Control Program Plan
3. SUBTITLE:

Block 4 (Cont.)
FORMAT: Seller’s document format is optional. Data should be prepared in electronic format compatible with Microsoft Office (e.g. Word, Excel, PowerPoint, or Access). Data shall be submitted on 3.5” high density diskettes and/or electronically transmitted (FTP) to buyer’s protected server.

Government review and approval (or disapproval) and comment will be provided within 45 days after receipt. Submit final PCPP within 30 days after receipt of Government comments.

(End of G016)
CONTRACT DATA REQUIREMENTS LIST

A. CONTRACT LINE ITEM NO: 0132       B. EXHIBIT: G
C. CATEGORY: TDP___ TM___ OTHER___X___
D. SYSTEM/ITEM: NMD LSI
E. CONTRACT/PR. NO: HQ0006-98-C-0003   F. CONTRACTOR: BOEING

1. DATA ITEM NO.: G017
2. TITLE OF DATA ITEM: Presentation Material
3. SUBTITLE: Presentation Material for Meetings, Audits & Reviews
4. AUTHORITY: (Data Acquisition Document No.): DI-ADMN-81373
5. CONTRACT REFERENCE: SOW para. 7.2.1, 7.3.2, 7.7.1
6. REQUIRING OFFICE:
7. DD250 REQ: LT
8. APP CODE: N/A
9. DISTRIBUTION STATEMENT REQUIRED: F
10. FREQUENCY: See Block 16
11. AS OF DATE: ASREQ
12. DATE OF FIRST SUBMISSION: See Block 16
13. DATE OF SUBSEQUENT SUBMISSION: See Block 16
14. DISTRIBUTION and TOTAL COPIES: See Table G-1
15. REMARKS:

Blocks 10, 12 and 13: Presentation Material for customer reviews, audits and meetings will be provided at the meetings.

G. PREPARED BY: LTC CRAIG MAC ALLISTER       H. DATE: 18 MAR 98
I. APPROVED BY: A. L. AUSTIN, BMDO/DCTD J. DATE: 18 MAR 98

CONTRACT DATA REQUIREMENTS LIST

A. CONTRACT LINE ITEM NO: 0132 B. EXHIBIT: G
C. CATEGORY: TDP___ TM___ OTHER___X___
D. SYSTEM/ITEM: NMD LSI
E. CONTRACT/PR. NO: HQ0006-98-C-0003 F. CONTRACTOR: BOEING

1. DATA ITEM NO.: G018
2. TITLE OF DATA ITEM: System/Subsystem Design Description (SSDD)
3. SUBTITLE:
4. AUTHORITY: (Data Acquisition Document No.): DI-IPSC-81432
5. CONTRACT REFERENCE: SOW para. 7.2.3
6. REQUIRING OFFICE:
7. DD250 REQ: LT
8. APP CODE: N/A
9. DISTRIBUTION STATEMENT REQUIRED: F
10. FREQUENCY: ONE/R
11. AS OF DATE: ASREQ
12. DATE OF FIRST SUBMISSION: See Block 16
13. DATE OF SUBSEQUENT SUBMISSION: See Block 16
14. DISTRIBUTION and 15. TOTAL COPIES: See Table G-1
16. REMARKS:

Blocks 10, 12 and 13: The System/Subsystem Design Description (SSDD) will be updated, if required, at System Critical Design Review (SCDR) and other program events as necessary during this Period of Performance (POP).

G. PREPARED BY: LTC CRAIG MAC ALLISTER H. DATE: 18 MAR 98

G-31
I. APPROVED BY:  A. L. AUSTIN, BMDO/DCTD   J. DATE:  18 MAR 98

CONTRACT DATA REQUIREMENTS LIST

A. CONTRACT LINE ITEM NO:  0132   B. EXHIBIT:  G
C. CATEGORY:  TDP___ TM___ OTHER___X___
D. SYSTEM/ITEM:  NMD LSI
E. CONTRACT/PR. NO:  HQ0006-98-C-0003  F. CONTRACTOR:  BOEING

1. DATA ITEM NO.:  G019
2. TITLE OF DATA ITEM:  Product Assurance Quality Program Plan
3. SUBTITLE:  NMD Product Assurance Plan
4. AUTHORITY:  (Data Acquisition Document No.):  DI-QCIC-81198
5. CONTRACT REFERENCE:  SOW para. 7.2.1, 7.3.2
6. REQUIRING OFFICE:
7. DD250 REQ:  LT
8. APP CODE:  N/A
9. DISTRIBUTION STATEMENT REQUIRED:  F
10. FREQUENCY:  OTIME
11. AS OF DATE:  ASREQ
12. DATE OF FIRST SUBMISSION:  See Block 16
13. DATE OF SUBSEQUENT SUBMISSION:  See Block 16
14. DISTRIBUTION and 15. TOTAL COPIES:  See Table G-1
16. REMARKS:

Block 4:
10 Preparation Instructions.
The NMD System Product Assurance Plan shall incorporate the Product Assurance Plans for all elements of the NMD System
10.3 Change to read as follows: General. The Product Assurance Quality Program Plan shall be complete, accurate, concise, and written with clarity. The plan shall identify how the contractor will satisfy the specific quality tasks within the contract and describe the contractor’s understanding of all documentation tasks required for meeting the contractual requirements. The plan shall be consistent with the Quality Program Requirements of MIL-Q-9858A, all amendments, and the Contract Reliability and Maintainability Requirements

G. PREPARED BY:  LTC CRAIG MAC ALLISTER   H. DATE:  18 MAR 98
I. APPROVED BY: A. L. AUSTIN, BMDO/DCTD J. DATE: 18 MAR 98

CONTRACT DATA REQUIREMENTS LIST

A. CONTRACT LINE ITEM NO: 0132 B. EXHIBIT: G
C. CATEGORY: TDP___ TM___ OTHER___X___
D. SYSTEM/ITEM: NMD LSI
E. CONTRACT/PR. NO: HQ0006-98-C-0003 F. CONTRACTOR: BOEING

1. DATA ITEM NO.: G020
2. TITLE OF DATA ITEM: Interface Control Document (ICD)
3. SUBTITLE: NMD External Interface Control Documents (ICD’s)
4. AUTHORITY: (Data Acquisition Document No.): DI-MISC-80711/T
5. CONTRACT REFERENCE: SOW para. 7.2.3, 7.3.2
6. REQUIRING OFFICE:
7. DD250 REQ: LT
8. APP CODE: A
9. DISTRIBUTION STATEMENT REQUIRED: F
10. FREQUENCY: ONE/R
11. AS OF DATE: ASREQ
12. DATE OF FIRST SUBMISSION: See Block 16
13. DATE OF SUBSEQUENT SUBMISSION: See Block 16
14. DISTRIBUTION and 15. TOTAL COPIES: See Table G-1
16. REMARKS:

Block 4:
Add Format - Contractors format is acceptable.

Blocks 8, 12 and 13: The NMD External Interface Control Documents (ICD) will be updated, if required, at System Critical Design Review (SCDR) and C2 Preliminary Design Review (PDR). Government review and approval (or disapproval) and comments will be provided within 45 days after receipt. Submit final Element Interface Control Documents within 30 days after receipt of comments.

G. PREPARED BY: LTC CRAIG MAC ALLISTER H. DATE: 18 MAR 98
I. APPROVED BY: A. L. AUSTIN, BMDO/DCTD J. DATE: 18 MAR 98

CONTRACT DATA REQUIREMENTS LIST

A. CONTRACT LINE ITEM NO: 0132 B. EXHIBIT: G
C. CATEGORY: TDP___ TM___ OTHER___X___
D. SYSTEM/ITEM: NMD LSI
E. CONTRACT/PR. NO: HQ0006-98-C-0003 F. CONTRACTOR: BOEING

1. DATA ITEM NO.: G021 2. TITLE OF DATA ITEM: Scientific and Technical Reports
3. SUBTITLE: NMD Integration Plan
4. AUTHORITY: (Data Acquisition Document No.): DI-MISC-80711/T
5. CONTRACT REFERENCE: SOW para. 7.2.1, 7.2.8, 7.3.2
6. REQUIRING OFFICE:
7. DD250 REQ: LT
8. APP CODE: A
9. DISTRIBUTION STATEMENT REQUIRED: F
10. FREQUENCY: ONE/R
11. AS OF DATE: ASREQ
12. DATE OF FIRST SUBMISSION: See Block 16
13. DATE OF SUBSEQUENT SUBMISSION: See Block 16
14. DISTRIBUTION and TOTAL COPIES: See Table G-1
15. REMARKS:

Block 4:

10.2 Change to read as follows: Document shall be in accordance with Contractor format.

Add the following:

Contents of Plan

Plan shall include a discussion of the following:

- System Integration Roadways
- System Interfaces
- System Integration Tools
- Role of the JNTF and ISTC in the integration and test process
- Intro-element Integration
- Element-to-element Integration
- Deployment Integration activities

(Continued)

G. PREPARED BY: LTC CRAIG MAC ALLISTER H. DATE: 18 MAR 98
I. APPROVED BY:  A. L. AUSTIN, BMDO/DCTD           J. DATE:  18 MAR 98

CONTRACT DATA REQUIREMENTS LIST (Continuation Sheet)

A. CONTRACT LINE ITEM NO:  0132           B. EXHIBIT:  G
C. CATEGORY:  TDP__  TM__  OTHER__X__
D. SYSTEM/ITEM:  NMD LSI
E. CONTRACT/PR. NO:  HQ0006-98-C-0003  F. CONTRACTOR:  BOEING

1. DATA ITEM NO.:  G021
2. TITLE OF DATA ITEM:  Scientific and Technical Reports
3. SUBTITLE:  NMD Integration Plan

Blocks 8, 10, 12 and 13: The NMD System Integration Plan will be updated, if required, at System Critical Design Review (SCDR) and C2 Preliminary Design Review (PDR). Government review and approval (or disapproval) and comments will be provided within 45 days after receipt of each submittal. Submit final NMD System Integration Plan within 30 days after receipt of comments.

(End of G021)
CONTRACT DATA REQUIREMENTS LIST

A. CONTRACT LINE ITEM NO: 0132  
B. EXHIBIT: G  
C. CATEGORY: TDP___  TM___  OTHER___X___  
D. SYSTEM/ITEM: NMD LSI  
E. CONTRACT/PR. NO: HQ0006-98-C-0003  
F. CONTRACTOR: BOEING  

1. DATA ITEM NO.: G022  
2. TITLE OF DATA ITEM: Request for Deviation  
3. SUBTITLE:  
4. AUTHORITY: (Data Acquisition Document No.): DI-CMAN-80640B/T  
5. CONTRACT REFERENCE: SOW para. 7.2.1  
6. REQUIRING OFFICE:  
7. DD250 REQ: LT  
8. APP CODE: A  
9. DISTRIBUTION STATEMENT REQUIRED: F  
10. FREQUENCY: O/TIME  
11. AS OF DATE: ASREQ  
12. DATE OF FIRST SUBMISSION: ASREQ  
13. DATE OF SUBSEQUENT SUBMISSION: ASREQ  
14. DISTRIBUTION and TOTAL COPIES: See Table G-1  
15. REMARKS:  

**Block 4:**  
7.1 Change to read as follows: This Data Item Description (DID) contains the requirements for deviation to product configuration documentation per paragraph 5.3.4 of EIA/IS-649, National Consensus Standard for Configuration Management, dated August 1995.  
7.2 Delete this paragraph in its entirety.  
10.2 Change to read as follows: **Format and Content:** The Request for Deviation shall be prepared in contractor format. The RFD content shall use EIA/IS-649 as a guide.  

G. PREPARED BY: LTC CRAIG MAC ALLISTER  
H. DATE: 18 MAR 98
## CONTRACT DATA REQUIREMENTS LIST

### A. CONTRACT LINE ITEM NO: 0132
### B. EXHIBIT: G
### C. CATEGORY: TDP___ TM___ OTHER___X___
### D. SYSTEM/ITEM: NMD LSI
### E. CONTRACT/PR. NO: HQ0006-98-C-0003
### F. CONTRACTOR: BOEING

1. DATA ITEM NO.: G023
2. TITLE OF DATA ITEM: Request for Waiver

### 4. AUTHORITY: (Data Acquisition Document No.): DI-CMAN-80641B/T
### 5. CONTRACT REFERENCE: SOW para. 7.2.1
### 6. REQUIRING OFFICE:
### 7. DD250 REQ: LT
### 8. APP CODE: A
### 9. DISTRIBUTION STATEMENT REQUIRED: F
### 10. FREQUENCY: O/TIME
### 11. AS OF DATE: ASREQ
### 12. DATE OF FIRST SUBMISSION: ASREQ
### 13. DATE OF SUBSEQUENT SUBMISSION: ASREQ
### 14. DISTRIBUTION and TOTAL COPIES: See Table G-1
### 15. REMARKS:

**Block 4:**

7.1 Change to read as follows: This Data Item Description (DID) contains the requirements for variance to product configuration documentation per paragraph 5.3.4 of EIA/IS-649, National Consensus Standard for Configuration Management, dated August 1995.

7.2 Delete this paragraph in its entirety.

10.2 Change to read as follows: Format and Content. The Request for Waiver shall be prepared in contractor format. The RFW content shall use EIA/IS-649 as a guide.

---

### G. PREPARED BY: LTC CRAIG MAC ALLISTER
### H. DATE: 18 MAR 98
I. APPROVED BY:  A. L. AUSTIN, BMDO/DCTD  J. DATE:  18 MAR 98

CONTRACT DATA REQUIREMENTS LIST

A. CONTRACT LINE ITEM NO:  0132  B. EXHIBIT:  G
C. CATEGORY:  TDP___ TM___ OTHER___X___
D. SYSTEM/ITEM:  NMD LSI
E. CONTRACT/PR. NO:  HQ0006-98-C-0003  F. CONTRACTOR:  BOEING

1. DATA ITEM NO.:  G024
2. TITLE OF DATA ITEM:  Nuclear Survivability Program Plan
3. SUBTITLE:  NMD Nuclear Hardness and Survivability Program Plan
4. AUTHORITY:  (Data Acquisition Document No.):  DI-NUOR-80156A/T
5. CONTRACT REFERENCE:  SOW para. 7.2.6
6. REQUIRING OFFICE:  
7. DD250 REQ:  LT
8. APP CODE:  N/A
9. DISTRIBUTION STATEMENT REQUIRED:  F
10. FREQUENCY:  ONE/R
11. AS OF DATE:  ASREQ
12. DATE OF FIRST SUBMISSION:  Update ATP + 90D
13. DATE OF SUBSEQUENT SUBMISSION:  ASREQ
14. DISTRIBUTION and 15. TOTAL COPIES:  See Table G-1
16. REMARKS:  

Block 4:
10.2 Delete last sentence
10.3.a Revise to read as follows:
   "a. The plan shall describe the specific design features and other approaches to be utilized to achieve nuclear survivability. (Delete second sentence ) 7.3 through 7.7, delete in their entirety."
10. c. Delete second sentence in its entirety
10.d. Delete second sentence in its entirety
10.e Delete word “respective” in first sentence, delete second sentence in its entirety.
10.g and h delete in their entirety
10.4.a Change to read as follows :
   "a. The plan shall delineate analytical efforts that supplement or replace testing, to include computer codes, and the intended applications of analytical techniques. “
10.4.b delete in its entirety
10.4.c Revise as follows:

(Continued)

G. PREPARED BY:  LTC CRAIG MAC ALLISTER  H. DATE:  18 MAR 98
I. APPROVED BY:  A. L. AUSTIN, BMDO/DCTD      J. DATE:  18 MAR 98

CONTRACT DATA REQUIREMENTS LIST (Continuation Sheet)

A. CONTRACT LINE ITEM NO:  0132  B. EXHIBIT:  G
C. CATEGORY:  TDP____  TM____  OTHER____X__
D. SYSTEM/ITEM:  NMD LSI
E. CONTRACT/PR. NO:  HQ0006-98-C-0003  F. CONTRACTOR:  BOEING

1. DATA ITEM NO.:  G024
2. TITLE OF DATA ITEM:  Nuclear Survivability Program Plan
3. SUBTITLE:  NMD Nuclear Hardness and Survivability Program Plan

Block 4 (Cont.):

c. The plan shall delineate subsystem and system-level tests to be performed
including methods of extrapolation from test environment to the threat environments, the
test simulators and rationale for simulator choices and relationships to analytical efforts.”
10.4.d  Delete in its entirety
10.4.e  Revise as follows:
“e. The plan shall describe survivability philosophy used for selection and rejection of piece
parts, materials, and device technologies. There shall be particular emphasis on design
philosophy for hardness critical (HCI) and mission critical equipments. The plan shall
describe the configuration control approach to control HCI’s and HCP’s.”
10.4.f  Delete in its entirety.
10.4.g  Revise as follows:
“g. The plan shall delineate the projected requirements, driven by nuclear
survivability of the system, for hardened parts, and the impacts of these requirements on
the program and system design and operation.”
10.4.h  (OK as is ).
10.4.i  Revise as follows:
“i. The plan shall identify the nuclear survivability trade-offs that shall be performed
against other system requirements such as schedule cost, reliability and producibility.”
10.5.a  Revise as follows:
“a. Nuclear survivability areas of high risk and uncertainty, including the impact on
cost, performance, and weight”.
10.5.b,c and d  delete in their entirety.
10.6.a  Delete words “logistic support”.
10.6.d and e  Delete in their entirety.
10.7  Delete entire paragraph.
10.8 and 9  (ok as is).

Blocks, 10, 12 and 13: The Weapon System Nuclear Hardness and Survivability Program
Plan will be updated, if required, at System Critical Design Review (SCDR) and C2
Preliminary Design Review (PDR).
CONTRACT DATA REQUIREMENTS LIST

A. CONTRACT LINE ITEM NO: 0132
B. EXHIBIT: G
C. CATEGORY: TDP____ TM____ OTHER____X____
D. SYSTEM/ITEM: NMD LSI
E. CONTRACT/PR. NO: HQ0006-98-C-0003
F. CONTRACTOR: BOEING

1. DATA ITEM NO.: G025
2. TITLE OF DATA ITEM: Scientific and Technical Reports
3. SUBTITLE: System Consolidated Facilities Requirement Document (FRD)
4. AUTHORITY: Data Acquisition Document No.: DI-MISC-80711/T
5. CONTRACT REFERENCE: SOW para. 7.8.4
6. REQUIRING OFFICE:
7. DD250 REQ: LT
8. APP CODE: A
9. DISTRIBUTION STATEMENT REQUIRED: F
10. FREQUENCY: OTIME
11. AS OF DATE: N/A
12. DATE OF FIRST SUBMISSION: 90 Days prior to C1U2 Deployment Readiness Review
13. DATE OF SUBSEQUENT SUBMISSION: ASREQ
14. DISTRIBUTION and TOTAL COPIES: See Table G-1
15. REMARKS:

Block 4:
The Consolidated Facilities Requirements Document (FRD) defines the facility concepts and requirements for deployment and operations of the NMD System. It determines the facility functional requirements for the system and provides traceability to the system requirements. The information is to be used to support facilities planning, design and budgeting/programming.

The FRD includes lists, design requirements and descriptions of all required facilities to support the NDM System and the Elements. It provides the descriptions for each facility required in terms of attributes or specified environments, which affect performance, design and/or cost.
FRDs included:
- Functional descriptions
- General facility descriptions
- Current DD Form 1391

(Continued)

G. PREPARED BY: LTC CRAIG MAC ALLISTER
H. DATE: 18 MAR 98
I. APPROVED BY: A. L. AUSTIN, BMDO/DCTD
J. DATE: 18 MAR 98
CONTRACT DATA REQUIREMENTS LIST (Continuation Sheet)

A. CONTRACT LINE ITEM NO: 0132
B. EXHIBIT: G
C. CATEGORY: TDP___ TM___ OTHER___X___
D. SYSTEM/ITEM: NMD LSI
E. CONTRACT/PR. NO: HQ0006-98-C-0003
F. CONTRACTOR: BOEING

1. DATA ITEM NO.: G025
2. TITLE OF DATA ITEM: Scientific and Technical Reports
3. SUBTITLE: System Consolidated Facilities Requirement Document (FRD)

Block 4: (Cont.)
FRDs included: (Cont.d)
• Site plans, preliminary line drawings and facility specifications
• Utility and transportation requirements
• Construction contractor considerations and schedule requirements
• Security considerations

Block 8: Government review and approval (or disapproval) and comments will be provided within 45 days after receipt of each submittal. Submit final FRD within 30 days after receipt of Government comments.

(End of G025)
CONTRACT DATA REQUIREMENTS LIST

A. CONTRACT LINE ITEM NO: 0132  B. EXHIBIT: G
C. CATEGORY: TDP___ TM___ OTHER___X___
D. SYSTEM/ITEM: NMD LSI
E. CONTRACT/PR. NO: HQ0006-98-C-0003  F. CONTRACTOR: BOEING

1. DATA ITEM NO.: G026
2. TITLE OF DATA ITEM: Scientific and Technical Reports
3. SUBTITLE: Integrated Deployment Plan (IDP)
4. AUTHORITY: (Data Acquisition Document No.): DI-MISC-80711/T
5. CONTRACT REFERENCE: SOW para. 7.3.6, 7.8.3
6. REQUIRING OFFICE:
7. DD250 REQ: LT
8. APP CODE: A
9. DISTRIBUTION STATEMENT REQUIRED: F
10. FREQUENCY: OTIME
11. AS OF DATE: N/A
12. DATE OF FIRST SUBMISSION: 90 Days prior to C1U1 PRR
13. DATE OF SUBSEQUENT SUBMISSION: ASREQ
14. DISTRIBUTION and 15. TOTAL COPIES: See Table G-1
16. REMARKS:

Block 4:
The NMD Integrated Deployment Plan (IDP) will provide a managerial overview of the actions and activities required to plan for and execute deployment of an initial capability in support of the system identified in the Capability 1 (C1), support the Deployment Readiness Review and execute deployment of the NMD System.

The IDP will be the overarching plan to deploy a system capable of performing the defined mission in the operational environment as identified by the user. The plan will accomplish the following:

- Identify system-level deployment concepts, strategies, planning, plan requirements, and activities
- Identify deployment planning and execution roles and responsibilities
- Identify required agreements between various agencies
- Integrate, through the use of the Master Integrated Program Schedule (MIPS), all Project Office deployment planning
- Summarize significant risks to deployment

(Continued)

G. PREPARED BY: LTC CRAIG MAC ALLISTER  H. DATE: 18 MAR 98
I. APPROVED BY: A. L. AUSTIN, BMDO/DCTD  J. DATE: 18 MAR 98
CONTRACT DATA REQUIREMENTS LIST (Continuation Sheet)

A. CONTRACT LINE ITEM NO: 0132  B. EXHIBIT: G
C. CATEGORY: TDP___ TM___ OTHER___X___
D. SYSTEM/ITEM: NMD LSI
E. CONTRACT/PR. NO: HQ0006-98-C-0003  F. CONTRACTOR: BOEING

1. DATA ITEM NO.: G026
2. TITLE OF DATA ITEM: Scientific and Technical Reports
3. SUBTITLE: Integrated Deployment Plan (IDP)

Block 4: (Cont.)
• Define the Deployment Planning Program Integrated Product Team (DP PIPT) and subgroups
• Establish a process for referring deployment planning issues to the DP PIPT
• Identify deployment planning requirements, implementation constraints, and deployment status across all phases of the NMD Program:
  Identify deployment planning and site activation schedule requirements
  Facilitate identification of deployment concerns and incorporation of those concerns into the development phase.
  Identify required milestones to support production and manufacturing planning.
  Address system common services, functions, and items.
  Integrate site activation activities into the total deployment effort.
  Ensure user needs and requirements are incorporated into deployment planning.
  Contain the system-level execution planning for deployment, if directed to do so in the FY00 Deployment Readiness Review.

Block 8: Government review and approval (or disapproval) and comments will be provided within 45 days after receipt of each submittal. Submit final IDP within 30 days after receipt of Government comments.

(End of G026)
CONTRACT DATA REQUIREMENTS LIST

A. CONTRACT LINE ITEM NO: 0132
B. EXHIBIT: G
C. CATEGORY: TDP___ TM___ OTHER___ X___
D. SYSTEM/ITEM: NMD LSI
E. CONTRACT/PR. NO: HQ0006-98-C-0003
F. CONTRACTOR: BOEING

1. DATA ITEM NO.: G027
2. TITLE OF DATA ITEM: Site Preparation Requirements and Installation Plan
3. SUBTITLE: Capstone Site Activation Plan (CSAP)
4. AUTHORITY: (Data Acquisition Document No.): DI-MGMT-80033
5. CONTRACT REFERENCE: SOW para. 7.3.6, 7.8.3
6. REQUIRING OFFICE:
7. DD250 REQ: LT
8. APP CODE: A
9. DISTRIBUTION STATEMENT REQUIRED: F
10. FREQUENCY: OTIME
11. AS OF DATE: N/A
12. DATE OF FIRST SUBMISSION: DRR - 60 CD
13. DATE OF SUBSEQUENT SUBMISSION: ASREQ
14. DISTRIBUTION and TOTAL COPIES: See Table G-1
15. DISTRIBUTION STATEMENT REQUIRED: F
16. REMARKS:

Block 8: Government review and approval (or disapproval) and comments will be provided within 45 days after receipt of each submittal. Submit final CASP within 30 days after receipt of Government comments.

G. PREPARED BY: LTC CRAIG MAC ALLISTER
H. DATE: 18 MAR 98
I. APPROVED BY:  A. L. AUSTIN, BMDO/DCTD          J. DATE:  18 MAR 98

CONTRACT DATA REQUIREMENTS LIST

A. CONTRACT LINE ITEM NO:     0132         B. EXHIBIT:    G

C. CATEGORY:   TDP___   TM___   OTHER___X___

D. SYSTEM/ITEM:  NMD LSI

E. CONTRACT/PR. NO:  HQ0006-98-C-0003     F. CONTRACTOR:  BOEING

1. DATA ITEM NO.:     G028

2. TITLE OF DATA ITEM:  Scientific and Technical Reports

3. SUBTITLE:  Integrated Logistics Support Plan (ILSP) - Update

4. AUTHORITY:  (Data Acquisition Document No.):  DI-ILSS-80095

5. CONTRACT REFERENCE:  SOW para. 7.3.6, 7.8.3

6. REQUIRING OFFICE:

7. DD250 REQ:   LT

8. APP CODE:    A

9. DISTRIBUTION STATEMENT REQUIRED:  F

10. FREQUENCY:   OTIME

11. AS OF DATE:   N/A

12. DATE OF FIRST SUBMISSION:  30 Days Prior to PDR

13. DATE OF SUBSEQUENT SUBMISSION:  ASREQ

14. DISTRIBUTION and TOTAL COPIES:  See Table G-1

15. REMARKS:

   Block 4:
   Contractor shall use DI-ILSS-80095 as a guide.

   Block 8:  Government review and approval (or disapproval) and comments will be
   provided within 45 days after receipt of each submittal.  Submit final ILSP-Update within
   30 days after receipt of Government comments.

G. PREPARED BY:  LTC CRAIG MAC ALLISTER          H. DATE:  18 MAR 98
I. APPROVED BY: A. L. AUSTIN, BMDO/DCTD  
J. DATE: 18 MAR 98

CONTRACT DATA REQUIREMENTS LIST

A. CONTRACT LINE ITEM NO: 0132  
B. EXHIBIT: G

C. CATEGORY: TDP___ TM___ OTHER__X___

D. SYSTEM/ITEM: NMD LSI

E. CONTRACT/PR. NO: HQ0006-98-C-0003  
F. CONTRACTOR: BOEING

1. DATA ITEM NO.: G029

2. TITLE OF DATA ITEM: Scientific and Technical Reports

3. SUBTITLE: NMD System Training Plan (STP)

4. AUTHORITY: (Data Acquisition Document No.): DI-MISC-80711/T

5. CONTRACT REFERENCE: SOW para. 7.8.3

6. REQUIRING OFFICE:

7. DD250 REQ: LT

8. APP CODE: A

9. DISTRIBUTION STATEMENT REQUIRED: F

10. FREQUENCY: 0TIME

11. AS OF DATE: N/A

12. DATE OF FIRST SUBMISSION: IDR -90CD

13. DATE OF SUBSEQUENT SUBMISSION:

14. DISTRIBUTION and TOTAL COPIES: See Table G-1

15. REMARKS:

Block 4:

The document shall contain the Contractor’s plans for preparing for and conducting training of Government personnel on the NMD System through all phases of the program. It shall include identification of training courses to be conducted, training material to be developed for the courses, training equipment to be provided, and training facility requirements. It shall identify the roles of the Contractor and the Government in all training activities as well as detail schedules.

Block 8: Government review and approval (or disapproval) and comments will be provided within 45 days after receipt of each submittal. Submit final STP within 30 days after receipt of Government comments.

G. PREPARED BY: LTC CRAIG MAC ALLISTER  
H. DATE: 18 MAR 98
I. APPROVED BY: A. L. AUSTIN, BMDO/DCTD  J. DATE: 18 MAR 98

CONTRACT DATA REQUIREMENTS LIST

A. CONTRACT LINE ITEM NO: 0132  B. EXHIBIT: G
C. CATEGORY: TDP___ TM___ OTHER___X___
D. SYSTEM/ITEM: NMD LSI
E. CONTRACT/PR. NO: HQ0006-98-C-0003  F. CONTRACTOR: BOEING

1. DATA ITEM NO.: G030
2. TITLE OF DATA ITEM: Scientific and Technical Reports
3. SUBTITLE: Safety Assessment Report (SAR) / Hazard Tracking System (HTS)
4. AUTHORITY: (Data Acquisition Document No.): DI-MISC-80711/T
5. CONTRACT REFERENCE: SOW para. 7.7.2
6. REQUIRING OFFICE:
7. DD250 REQ: LT
8. APP CODE: A
9. DISTRIBUTION STATEMENT REQUIRED: F
10. FREQUENCY: OTIME
11. AS OF DATE: ASREQ
12. DATE OF FIRST SUBMISSION: See Block 16
13. DATE OF SUBSEQUENT SUBMISSION: See Block 16
14. DISTRIBUTION and TOTAL COPIES: See Table G-1
15. REMARKS:

Block 4:
Add paragraph 10.4. Document content will address potential hazards associated with physical and personnel safety, environmental pollution or hazardous materials and waste, and personal health, risk assessments and hazards prioritization, and the databases used to identify, track, and minimize the aforementioned hazards associated with each system test(s).

Block 8: Government review and approval (or disapproval) and comments will be provided within 45 days after receipt of each submittal. Submit final SAR/HTS within 30 days after receipt of Government comments.

Blocks 12 and 13: Submit 6 months prior to first test, as required, for Government approval. Submit 6 months prior to subsequent tests as required for Government approval.

G. PREPARED BY: LTC CRAIG MAC ALLISTER  H. DATE: 18 MAR 98

G-47
I. APPROVED BY: A. L. AUSTIN, BMDO/DCTD  J. DATE: 18 MAR 98

CONTRACT DATA REQUIREMENTS LIST

A. CONTRACT LINE ITEM NO: 0132  B. EXHIBIT: G
C. CATEGORY: TDP___ TM___ OTHER___X___
D. SYSTEM/ITEM: NMD LSI
E. CONTRACT/PR. NO: HQ0006-98-C-0003  F. CONTRACTOR: BOEING

1. DATA ITEM NO.: G031
2. TITLE OF DATA ITEM: Scientific and Technical Reports
3. SUBTITLE: Range Safety Data Package
4. AUTHORITY: (Data Acquisition Document No.): DI-MISC-80711/T
5. CONTRACT REFERENCE: SOW para. 7.7.2
6. REQUIRING OFFICE:
7. DD250 REQ: LT
8. APP CODE: A
9. DISTRIBUTION STATEMENT REQUIRED: F
10. FREQUENCY: ASREQ
11. AS OF DATE: N/A
12. DATE OF FIRST SUBMISSION: 6 Months prior to each test as required.
13. DATE OF SUBSEQUENT SUBMISSION: ASREQ
14. DISTRIBUTION and TOTAL COPIES: See Table G-1
15. REMARKS:

Block 4:
Add paragraph 10.4. This document will address all potential safety hazards associated with preparing and conducting flight test operations at VAFB and USAKA, and the precautions taken, consistent with operational requirements, to protect mission objectives, prevent injury to local, permanent and transient Contractor/Government personnel, minimize damage to property, and preclude the advent of an international incident.

New paragraph 10.5. Document will include:
- Terminal and/or launch area hazard analyses associated with incoming re-entry vehicles (e.g., debris from booster stages post-boost vehicles, etc., probably of impact, debris dispersal; ground safety missile buildup, transport, and associated ground handling procedures.
- Local launch hazard analyses associated with a missile containing a Flight Termination System (FTS) Contractor Furnished. Consisting of the following:
  - Hazard area (debris corridor) clearances, range tracking and missile Inertial Nav System (INS) (or GNC) data to estimate missile deviation footprint.
(Continued)

G. PREPARED BY: LTC CRAIG MAC ALLISTER  H. DATE: 18 MAR 98
I. APPROVED BY: A. L. AUSTIN, BMDO/DCTD  J. DATE: 18 MAR 98
CONTRACT DATA REQUIREMENTS LIST (Continuation Sheet)

A. CONTRACT LINE ITEM NO: 0132
B. EXHIBIT: G
C. CATEGORY: TDP___ TM___ OTHER___ X ___
D. SYSTEM/ITEM: NMD LSI
E. CONTRACT/PR. NO: HQ0006-98-C-0003
F. CONTRACTOR: BOEING

1. DATA ITEM NO.: G031
2. TITLE OF DATA ITEM: Scientific and Technical Reports
3. SUBTITLE: Range Safety Data Package

Block 4: (Cont.)
− Hazard area analyses associated with local launch operations. Hazard operations include:
  − Booster/payload/assy, transport and handling at USAKA and Target Vehicle Assembly, transport and handling at VAFB.
  − WS/launch cell mech, Elec. Ops. at USAKA
  − WS/USAKA integration testing.
− Booster/payload mating & C/O:
  − Payload (EKV) propellant and gases pressurization.
  − Ordnance transport, handling and installation.
  − Electrical c/o of ordnance after installation.
− Identification of hazardous systems:
  − Booster (Net Explosive Weight of TNT, explosives classification).
  − P/L (EKV) Propellant and gas pressurized vessels, explosive devices (FTS and separation system), radioactive/toxic chemicals/materials.
  − GSE (TBD)

(End of G031)
## CONTRACT DATA REQUIREMENTS LIST

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<td>HQ0006-98-C-0003</td>
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1. DATA ITEM NO.: G032
2. TITLE OF DATA ITEM: Scientific and Technical Reports
3. SUBTITLE: Technical Reports
4. AUTHORITY: (Data Acquisition Document No.): DI-MISC-80711/T
5. CONTRACT REFERENCE: SOW para. 7.2.2, 7.3.2
6. REQUIRING OFFICE: |
7. DD250 REQ: LT
8. APP CODE: N/A
9. DISTRIBUTION STATEMENT REQUIRED: F
10. FREQUENCY: See Block 16
11. AS OF DATE: See Block 16
12. DATE OF FIRST SUBMISSION: See Block 16
13. DATE OF SUBSEQUENT SUBMISSION: See Block 16
14. DISTRIBUTION and TOTAL COPIES: See Table G-1
15. REMARKS: |

**Block 4:**

This CDRL item shall contain formal documentation of technical information. Contractor format is acceptable.

Blocks 12 and 13: Specific submittal requirements for these reports will be determined as part of on-going IPT activity.
CONTRACT DATA REQUIREMENTS LIST

1. DATA ITEM NO.:  G033
2. TITLE OF DATA ITEM:  Contractor’s Configuration Management Plan
3. SUBTITLE:  NMD Configuration Management Plan
4. AUTHORITY:  (Data Acquisition Document No.):  DI-CMAN-80858A/T
5. CONTRACT REFERENCE:  SOW para. 7.2.7, 7.3.2
6. REQUIRING OFFICE:
7. DD250 REQ:  LT
8. APP CODE:  N/A
9. DISTRIBUTION STATEMENT REQUIRED:  F
10. FREQUENCY:  OTIME
11. AS OF DATE:  ASREQ
12. DATE OF FIRST SUBMISSION:  ATP +60D
13. DATE OF SUBSEQUENT SUBMISSION:  ASREQ
14. DISTRIBUTION and 15. TOTAL COPIES:  See Table G-1
16. REMARKS:

Block 4:
7.1 Change to read as follows:
This DID contains the format, content, and preparation instructions for a data item resulting from work tasks described in EIA/IS 649.

10.2 Format and Content.  Change to read as follows:
The Contractor’s Configuration Management Plan format and content shall be in accordance with EIA/IS 649.
1. DATA ITEM NO.: **G034**
2. TITLE OF DATA ITEM: **Scientific and Technical Reports**
3. SUBTITLE: **System Behavior Analysis Report**
4. AUTHORITY: *(Data Acquisition Document No.):* **DI-MISC-80711/T**
5. CONTRACT REFERENCE: **SOW para. 7.2.10**
6. REQUIRING OFFICE:
7. DD250 REQ: **LT**
8. APP CODE: **N/A**
9. DISTRIBUTION STATEMENT REQUIRED: **F**
10. FREQUENCY: **See Block 16**
11. AS OF DATE: **ASREQ**
12. DATE OF FIRST SUBMISSION: **See Block 16**
13. DATE OF SUBSEQUENT SUBMISSION: **See Block 16**
14. DISTRIBUTION and TOTAL COPIES: **See Table G-1**
15. REMARKS:

**Block 4:**

10.2 Change to read as follows: Document shall be in accordance with Contractor format. Add the following: Contents of report shall:

Identify/Document results of Behavior Verification for BMC3 upgrades/modifications to BMC3 elements
- Compared to Baseline BMC3 Behavior
- Compared to BMC3 Requirements

**Block 10:** Report verification of changes following each upgrade/modification to BMC3 Element of NMD System.

**Blocks 12, 13:** Within 30 Days following completion of each incremental upgrade to BMC3 Element.
CONTRACT DATA REQUIREMENTS LIST

A. CONTRACT LINE ITEM NO: 0132   B. EXHIBIT: G
C. CATEGORY: TDP___ TM___ OTHER___X__
D. SYSTEM/ITEM: NMD LSI
E. CONTRACT/PR. NO: HQ0006-98-C-0003   F. CONTRACTOR: BOEING

1. DATA ITEM NO.: G035
2. TITLE OF DATA ITEM: Scientific and Technical Reports
3. SUBTITLE: Information Architecture (IA)
4. AUTHORITY: (Data Acquisition Document No.): DI-MISC-80711/T
5. CONTRACT REFERENCE: SOW para. 7.2.10
6. REQUIRING OFFICE:
7. DD250 REQ: LT
8. APP CODE: N/A
9. DISTRIBUTION STATEMENT REQUIRED: F
10. FREQUENCY: OTIME
11. AS OF DATE: ASREQ
12. DATE OF FIRST SUBMISSION: AT DRR
13. DATE OF SUBSEQUENT SUBMISSION: N/A
14. DISTRIBUTION and TOTAL COPIES: See Table G-1
15. DISTRIBUTION and TOTAL COPIES: See Table G-1
16. REMARKS:

**Block 4:** Preparation instructions.
This CDRL documents the status of the Information Architecture at the end of the CLIN and delivers a complete version of the Information Architecture Model.

10.2 Change to read as follows: Report will be prepared in contractor format and submitted as electronic files via zip disk.
10.3 Change to read as follows: This report shall contain three electronic files:
10.3.1 A complete up-to-date version of the Information Architecture Model.
10.3.2 A file containing a detailed description of the functions of the Information Architecture and its interfaces with other elements/systems.
10.3.3 A File containing a complete dictionary of terms and definitions used in the Information Architecture.
G. PREPARED BY: LTC CRAIG MAC ALLISTER  H. DATE: 18 MAR 98
I. APPROVED BY: A. L. AUSTIN, BMDO/DCTD  J. DATE: 18 MAR 98

CONTRACT DATA REQUIREMENTS LIST

A. CONTRACT LINE ITEM NO: 0132  B. EXHIBIT: G
C. CATEGORY: TDP___ TM___ OTHER___X___
D. SYSTEM/ITEM: NMD LSI
E. CONTRACT/PR. NO: HQ0006-98-C-0003  F. CONTRACTOR: BOEING

1. DATA ITEM NO.: G036
2. TITLE OF DATA ITEM: Verification, Demonstration and Evaluation Plan
3. SUBTITLE: NMD System Verification Plan
4. AUTHORITY: (Data Acquisition Document No.): DI-MNTY-81188/T
5. CONTRACT REFERENCE: SOW para. 7.2.4
6. REQUIRING OFFICE:
7. DD250 REQ: LT
8. APP CODE: N/A
9. DISTRIBUTION STATEMENT REQUIRED: F
10. FREQUENCY: OTIME
11. AS OF DATE: ASREQ
12. DATE OF FIRST SUBMISSION: ASREQ
13. DATE OF SUBSEQUENT SUBMISSION: ASREQ
14. DISTRIBUTION and TOTAL COPIES: See Table G-1
15. REMARKS:

Block 4:
10.1 Delete “Demonstration and Evaluations”.
10.2 Content. Delete and insert the following:
The Verification Plan shall describe, at the system level, how system requirements will be verified through testing, simulation and analysis. It shall include top level schedules, descriptions of test facilities and equipment, and overall planning approach.
**CONTRACT DATA REQUIREMENTS LIST**

- **A. CONTRACT LINE ITEM NO:** 0132
- **B. EXHIBIT:** G
- **C. CATEGORY:** TDP ___ TM ___ OTHER ___ X ___
- **D. SYSTEM/ITEM:** NMD LSI
- **E. CONTRACT/PR. NO:** HQ0006-98-C-0003
- **F. CONTRACTOR:** BOEING

1. **DATA ITEM NO.:** G037
2. **TITLE OF DATA ITEM:** Scientific and Technical Reports
3. **SUBTITLE:** Universal Documentation System Inputs
4. **AUTHORITY:** (Data Acquisition Document No.): DI-MISC-80711/T
5. **CONTRACT REFERENCE:** SOW para. 7.7.3
6. **REQUIRING OFFICE:**
7. **DD250 REQ:** LT
8. **APP CODE:** A
9. **DISTRIBUTION STATEMENT REQUIRED:** F
10. **FREQUENCY:** See Block 16
11. **AS OF DATE:** ASREQ
12. **DATE OF FIRST SUBMISSION:** See Block 16
13. **DATE OF SUBSEQUENT SUBMISSION:** See Block 16
14. **DISTRIBUTION and TOTAL COPIES:** See Table G-1
15. **REMARKS:**

**Block 4:**

10 **Preparation Instructions.**

This CDRL covers the PI, PRD, and OR Documents as defined in RCC Document 501.97. The necessary updates will be generated using the format instructions contained in RCC Document 501-97 or as established by existing versions of NMD UDS documents. Content. Content shall be as prescribed in RCC Document 501.97.

**Block 16:** UDS Inputs shall be submitted IAW as required IAW schedule guidelines in Para. 3.4 of RCC Document 501-97 and as required for KMR and other Test Facilities for Government approval.

**Block 8:** Government review and approval (or disapproval) and comments will be provided within 45 days after receipt of each submittal. Submit final UDSI within 30 days after receipt of Government comments.
G. PREPARED BY:   LTC CRAIG MAC ALLISTER     H. DATE: 18 MAR 98
I. APPROVED BY:  A. L. AUSTIN, BMDO/DCTD     J. DATE: 18 MAR 98

CONTRACT DATA REQUIREMENTS LIST

A. CONTRACT LINE ITEM NO: 0132  B. EXHIBIT: G
C. CATEGORY: TDP___ TM___ OTHER___X___
D. SYSTEM/ITEM: NMD LSI
E. CONTRACT/PR. NO: HQ0006-98-C-0003   F. CONTRACTOR: BOEING

1. DATA ITEM NO.: G038
2. TITLE OF DATA ITEM: Scientific and Technical Reports
3. SUBTITLE: Initial Sustainment Plan
4. AUTHORITY: (Data Acquisition Document No.): DI-MISC-80711/T
5. CONTRACT REFERENCE: SOW para.
6. REQUIRING OFFICE:
7. DD250 REQ: LT
8. APP CODE: A
9. DISTRIBUTION STATEMENT REQUIRED: F
10. FREQUENCY: 0TIME
11. AS OF DATE: N/A
12. DATE OF FIRST SUBMISSION: IDR -45CD
13. DATE OF SUBSEQUENT SUBMISSION: ASREQ
14. DISTRIBUTION and TOTAL COPIES: See Table G-1
15. TOTAL COPIES: See Table G-1
16. REMARKS:

Block 4:
This document shall describe the Contractor’s plan for providing initial sustainment of the NMD System at all sites. It shall detail all sustainment support to be provided by the Contractor (and subcontractors) including support services (logistics and maintenance), spares and repair parts, depot support, training, documentation, software support, sustaining engineering and such other support and services as may be required under the terms of the contract. The information to be provided must be sufficient to assure the Government that the NMD System can be maintained at the required levels of readiness with the planned level of support.

Block 8: Government review and approval (or disapproval) and comments will be provided within 45 days after receipt of each submittal. Submit final Initial Sustainment Plan within 30 days after receipt of Government comments.
**CONTRACT DATA REQUIREMENTS LIST**

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1. DATA ITEM NO.: **G039**
2. TITLE OF DATA ITEM: **Test Plan**
3. SUBTITLE: **Weapon System Test Plan**
4. AUTHORITY: *(Data Acquisition Document No.)*: **DI-NDTI-80566/T**
5. CONTRACT REFERENCE: **SOW para. 7.3.5**
6. REQUIRING OFFICE: 
7. DD250 REQ: **LT**
8. APP CODE: **N/A**
9. DISTRIBUTION STATEMENT REQUIRED: **F**
10. FREQUENCY: **ONE/R**
11. AS OF DATE: **ASREQ**
12. DATE OF FIRST SUBMISSION: **Update 60 Days after ATP**
13. DATE OF SUBSEQUENT SUBMISSION: **ASREQ**
14. DISTRIBUTION and TOTAL COPIES: **See Table G-1**
15. REMARKS: **Block 4:**
   10.3.1a Change to read as follows:
   “Title of the test program to be conducted.”
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<td>J. DATE:</td>
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G. PREPARED BY:   LTC CRAIG MAC ALLISTER    H. DATE:   18 MAR 98
I. APPROVED BY:   A. L. AUSTIN, BMDO/DCTD    J. DATE:   18 MAR 98

CONTRACT DATA REQUIREMENTS LIST

A. CONTRACT LINE ITEM NO:   0132    B. EXHIBIT:   G
C. CATEGORY:   TDP___ TM___ OTHER___X___
D. SYSTEM/ITEM:   NMD LSI
E. CONTRACT/PR. NO:   HQ0006-98-C-0003    F. CONTRACTOR:   BOEING

1. DATA ITEM NO.:   G041
2. TITLE OF DATA ITEM:   System/Subsystem Specification (SSS)
3. SUBTITLE:   BMC3 Element Level A Specification
4. AUTHORITY:   (Data Acquisition Document No.):   DI-IPSC-81431/T
5. CONTRACT REFERENCE:   SOW para. 7.2.3
6. REQUIRING OFFICE:   
7. DD250 REQ:   LT
8. APP CODE:   A
9. DISTRIBUTION STATEMENT REQUIRED:   F
10. FREQUENCY:   See Block 16
11. AS OF DATE:   RASR
12. DATE OF FIRST SUBMISSION:   See Block 16
13. DATE OF SUBSEQUENT SUBMISSION:   See Block 16
14. DISTRIBUTION and 15. TOTAL COPIES:   See Table G-1
16. REMARKS:

Block 4:
Add Format - Contractor format is acceptable

Block 8:   The BMC3 Element Level A Specification will be submitted for approval. Government review and approval (or disapproval) and comments will be provided within 45 days after receipt of each submittal. Submit final BMC3 Element Level A Specification within 30 days after receipt of Government comments.

Blocks 10, 12 and 13: Submit BMC3 Element Level A Specification as required during this period,
CONTRACT DATA REQUIREMENTS LIST

A. CONTRACT LINE ITEM NO: 0132  
B. EXHIBIT: G  
C. CATEGORY: TDP___ TM___ OTHER___X___  
D. SYSTEM/ITEM: NMD LSI  
E. CONTRACT/PR. NO: HQ0006-98-C-0003  
F. CONTRACTOR: BOEING  

1. DATA ITEM NO.: G042  
2. TITLE OF DATA ITEM: Software Development Plan  
3. SUBTITLE: BMC3 Software Development Plan (SDP)  
4. AUTHORITY: (Data Acquisition Document No.): DI-IPSC-81427/T  
5. CONTRACT REFERENCE: SOW para. 7.6.2  
6. REQUIRING OFFICE:  
7. DD250 REQ: LT  
8. APP CODE: N/A  
9. DISTRIBUTION STATEMENT REQUIRED: F  
10. FREQUENCY: ONE/R  
11. AS OF DATE: ASREQ  
12. DATE OF FIRST SUBMISSION: AT C2 PDR  
13. DATE OF SUBSEQUENT SUBMISSION: ASREQ  
14. DISTRIBUTION and TOTAL COPIES: See Table G-1  
15. TOTAL COPIES:  
16. REMARKS:  

Block 4:  
Preparation Instructions: Plan shall be prepared in Contractor format.
G. PREPARED BY: LTC CRAIG MAC ALLISTER  H. DATE: 18 MAR 98
I. APPROVED BY: A. L. AUSTIN, BMDO/DCTD  J. DATE: 18 MAR 98

CONTRACT DATA REQUIREMENTS LIST

A. CONTRACT LINE ITEM NO: 0132  B. EXHIBIT: G
C. CATEGORY: TDP___ TM___ OTHER___X___
D. SYSTEM/ITEM: NMD LSI
E. CONTRACT/PR. NO: HQ0006-98-C-0003  F. CONTRACTOR: BOEING

1. DATA ITEM NO.: G043
2. TITLE OF DATA ITEM: Test Plan
3. SUBTITLE: BMC3 Test Plan
4. AUTHORITY: (Data Acquisition Document No.): DI-NDTI-80566/T
5. CONTRACT REFERENCE: SOW para. 7.6.8
6. REQUIRING OFFICE:
7. DD250 REQ: LT
8. APP CODE: N/A
9. DISTRIBUTION STATEMENT REQUIRED: F
10. FREQUENCY: ONE/R
11. AS OF DATE: ASREQ
12. DATE OF FIRST SUBMISSION: AT C1U2 PDR
13. DATE OF SUBSEQUENT SUBMISSION: ASREQ
14. DISTRIBUTION and TOTAL COPIES: See Table G-1
15. REMARKS:
CONTRACT DATA REQUIREMENTS LIST

A. CONTRACT LINE ITEM NO: 0132  
B. EXHIBIT: G
C. CATEGORY: TDP___ TM___ OTHER___X____
D. SYSTEM/ITEM: NMD LSI
E. CONTRACT/PR. NO: HQ0006-98-C-0003  
F. CONTRACTOR: BOEING

1. DATA ITEM NO.: G044
2. TITLE OF DATA ITEM: Verification, Demonstration and Evaluation Plan
3. SUBTITLE: BMC3 Verification Plan
4. AUTHORITY: (Data Acquisition Document No.): DI-ILSS-81188/T
5. CONTRACT REFERENCE: SOW para. 7.6.2
6. REQUIRING OFFICE:
7. DD250 REQ: LT
8. APP CODE: N/A
9. DISTRIBUTION STATEMENT REQUIRED: F
10. FREQUENCY: See Block 16
11. AS OF DATE: ASREQ
12. DATE OF FIRST SUBMISSION: See Block 16
13. DATE OF SUBSEQUENT SUBMISSION: ASREQ
14. DISTRIBUTION and TOTAL COPIES: See Table G-1
15. REMARKS: Blocks 12 and 13: Plan shall be submitted at C1U1 PDR.

Plan shall be updated as required following each BMC3 update build.
CONTRACT DATA REQUIREMENTS LIST

A. CONTRACT LINE ITEM NO: 0132  
B. EXHIBIT:  G
C. CATEGORY: TDP__ TM__ OTHER__X__
D. SYSTEM/ITEM:  NMD LSI
E. CONTRACT/PR. NO:  HQ0006-98-C-0003  
F. CONTRACTOR:  BOEING

1. DATA ITEM NO.:  G045
2. TITLE OF DATA ITEM:  System/Subsystem Specification (SSS)
3. SUBTITLE:  XBR Element Level A Specification
4. AUTHORITY:  (Data Acquisition Document No.):  DI-IPSC-81431
5. CONTRACT REFERENCE:  SOW para. 7.2.3
6. REQUIRING OFFICE:  
7. DD250 REQ:  LT
8. APP CODE:  A
9. DISTRIBUTION STATEMENT REQUIRED:  F
10. FREQUENCY:  See Block 16
11. AS OF DATE:  ASREQ
12. DATE OF FIRST SUBMISSION:  See Block 16
13. DATE OF SUBSEQUENT SUBMISSION:  See Block 16
14. DISTRIBUTION and TOTAL COPIES:  See Table G-1
15. TOTAL COPIES:
16. REMARKS:

Block 4:
Add Format - Contractor format is acceptable

Block 8: The XBR Element Level A Specification will be submitted for approval. The Prime Item and Configuration Specification will be submitted for review. Government review and approval (or disapproval) and comments will be provided within 45 days after receipt of each submittal. Submit final XBR Element Level A Specification within 30 days after receipt of Government comments.

G. PREPARED BY:  LTC CRAIG MAC ALLISTER  
I. APPROVED BY:  A. L. AUSTIN, BMDO/DCTD  
H. DATE:  18 MAR 98  
J. DATE:  19 MAR 98

CONTRACT DATA REQUIREMENTS LIST

A. CONTRACT LINE ITEM NO:  0132  
B. EXHIBIT:  G  
C. CATEGORY:  TDP___ TM___ OTHER___X___  
D. SYSTEM/ITEM:  NMD LSI  
E. CONTRACT/PR. NO:  HQ0006-98-C-0003  
F. CONTRACTOR:  BOEING

1. DATA ITEM NO.:  G046  
2. TITLE OF DATA ITEM:  Software Development Plan (SDP)  
3. SUBTITLE:  XBR Software Development Plan (SDP)  
4. AUTHORITY:  (Data Acquisition Document No.):  DI-IPSC-81427/T  
5. CONTRACT REFERENCE:  SOW para. 7.5.2  
6. REQUIRING OFFICE:  
7. DD250 REQ:  LT  
8. APP CODE:  N/A  
9. DISTRIBUTION STATEMENT REQUIRED:  F  
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14. DISTRIBUTION and TOTAL COPIES:  See Table G-1  
15. REMARKS:  

Block 4:  
Contractor Format is acceptable.
CONTRACT DATA REQUIREMENTS LIST

A. CONTRACT LINE ITEM NO: 0132
B. EXHIBIT: G
C. CATEGORY: TDP___ TM___ OTHER___X___
D. SYSTEM/ITEM: NMD LSI
E. CONTRACT/PR. NO: HQ0006-98-C-0003
F. CONTRACTOR: BOEING

1. DATA ITEM NO.: G047
2. TITLE OF DATA ITEM: Verification, Demonstration, and Evaluation Plan
3. SUBTITLE: XBR Verification Plan
4. AUTHORITY: (Data Acquisition Document No.): DI-ILSS-81188/T
5. CONTRACT REFERENCE: SOW para. 7.5.2
6. REQUIRING OFFICE:
7. DD250 REQ: LT
8. APP CODE: N/A
9. DISTRIBUTION STATEMENT REQUIRED: F
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14. DISTRIBUTION and TOTAL COPIES: See Table G-1
15. REMARKS:

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D. SYSTEM/ITEM: NMD LSI
E. CONTRACT/PR. NO: HQ0006-98-C-0003
F. CONTRACTOR: BOEING

1. DATA ITEM NO.: G049
2. TITLE OF DATA ITEM: System/Subsystem Specification (SSS)
3. SUBTITLE: UEWR Element Level A Specification
4. AUTHORITY: (Data Acquisition Document No.): DI-IPSC-81431
5. CONTRACT REFERENCE: SOW para. 7.2.3
6. REQUIRING OFFICE:
7. DD250 REQ: LT
8. APP CODE: A
9. DISTRIBUTION STATEMENT REQUIRED: F
10. FREQUENCY: See Block 16
11. AS OF DATE: ASREQ
12. DATE OF FIRST SUBMISSION: See Block 16
13. DATE OF SUBSEQUENT SUBMISSION: See Block 16
14. DISTRIBUTION and TOTAL COPIES: See Table G-1
15. REMARKS:

Block 4:
Add Format - Contractor format is acceptable

Block 8: The UEWR Element Level A Specification will be submitted for approval. The Prime Item and Configuration Specification will be submitted for review. Government review and approval (or disapproval) and comments will be provided within 45 days after receipt of each submittal. Submit final Element Specification within 30 days after receipt of Government comments.

G. PREPARED BY:  LTC CRAIG MAC ALLISTER       H. DATE: 18 MAR 98
I.  APPROVED BY:  A. L. AUSTIN, BMDO/DCTD       J. DATE: 18 MAR 98

CONTRACT DATA REQUIREMENTS LIST

A. CONTRACT LINE ITEM NO: 0132       B. EXHIBIT: G
C. CATEGORY: TDP___ TM___ OTHER___X___
D. SYSTEM/ITEM: NMD LSI
E. CONTRACT/PR. NO: HQ0006-98-C-0003       F. CONTRACTOR: BOEING

1. DATA ITEM NO.: G050
2. TITLE OF DATA ITEM: Software Development Plan (SDP)
3. SUBTITLE: UEWR Software Development Plan (SDP)
4. AUTHORITY: (Data Acquisition Document No.): DI-IPSC-81427/T
5. CONTRACT REFERENCE: SOW para. 4.4.2
6. REQUIRING OFFICE:
7. DD250 REQ: LT
8. APP CODE: N/A
9. DISTRIBUTION STATEMENT REQUIRED: F
10. FREQUENCY: OTIME
11. AS OF DATE: N/A
12. DATE OF FIRST SUBMISSION: C2 + 60 DAC
13. DATE OF SUBSEQUENT SUBMISSION: ASREQ
14. DISTRIBUTION and TOTAL COPIES: See Table G-1
15. REMARKS:

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<td><strong>J. DATE:</strong></td>
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1. **DATA ITEM NO.:** **G051**
2. **TITLE OF DATA ITEM:** Verification, Demonstration, and Evaluation Plan
3. **SUBTITLE:** UEWR Verification Plan
4. **AUTHORITY:** (Data Acquisition Document No.): DI-ILSS-81188/T
5. **CONTRACT REFERENCE:** SOW para. 7.4.2
6. **REQUIREING OFFICE:**
7. **DD250 REQ:** **LT**
8. **APP CODE:** **N/A**
9. **DISTRIBUTION STATEMENT REQUIRED:** **F**
10. **FREQUENCY:** **OTIME**
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12. **DATE OF FIRST SUBMISSION:** **C2 + 60 DAC**
13. **DATE OF SUBSEQUENT SUBMISSION:** **ASREQ**
14. **DISTRIBUTION and TOTAL COPIES:** See Table G-1
15. **REMARKS:**

**Block 4:**

Contractor Format is acceptable.
CONTRACT DATA REQUIREMENTS LIST

A. CONTRACT LINE ITEM NO: 0132  
B. EXHIBIT: G  
C. CATEGORY: TDP___ TM___ OTHER___X___  
D. SYSTEM/ITEM: NMD LSI  
E. CONTRACT/PR. NO: HQ0006-98-C-0003  
F. CONTRACTOR: BOEING  

1. DATA ITEM NO.: G052  
2. TITLE OF DATA ITEM: Test Plan  
3. SUBTITLE: UEWR Test Plan  
4. AUTHORITY: (Data Acquisition Document No.): DI-NDTI-80566/T  
5. CONTRACT REFERENCE: SOW para. 4.7.2, 7.4.5  
6. REQUIRING OFFICE:  
7. DD250 REQ: LT  
8. APP CODE: N/A  
9. DISTRIBUTION STATEMENT REQUIRED: F  
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12. DATE OF FIRST SUBMISSION: CD3 + 60 DAC  
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14. DISTRIBUTION and TOTAL COPIES: See Table G-1  
15. REMARKS:  
Block 4:  
Contractor Format is acceptable.
CONTRACT DATA REQUIREMENTS LIST

A. CONTRACT LINE ITEM NO: 0132  B. EXHIBIT: G
C. CATEGORY: TDP___ TM___ OTHER___X___
D. SYSTEM/ITEM: NMD LSI
E. CONTRACT/PR. NO: HQ0006-98-C-0003  F. CONTRACTOR: BOEING

1. DATA ITEM NO.: G053
2. TITLE OF DATA ITEM: System/Subsystem Specification (SSS)
3. SUBTITLE: Weapon System Prime Item Specification
4. AUTHORITY: (Data Acquisition Document No.): DI-IPSC-81431/T
5. CONTRACT REFERENCE: SOW para. 7.3.2
6. REQUIRING OFFICE:
7. DD250 REQ: LT
8. APP CODE: N/A
9. DISTRIBUTION STATEMENT REQUIRED: F
10. FREQUENCY: See Block 16
11. AS OF DATE: See Block 16
12. DATE OF FIRST SUBMISSION: ASREQ
13. DATE OF SUBSEQUENT SUBMISSION: See Block 16
14. DISTRIBUTION and TOTAL COPIES: See Table G-1
15. REMARKS:
EXHIBIT H

CONTRACT DATA REQUIREMENTS LIST (CDRL)

FOR THE

NATIONAL MISSILE DEFENSE (NMD) LEAD SYSTEM INTEGRATOR (LSI)

NMD LSI Special Studies and Analyses CDRL

19 August 1999
### Table H-1, CDRL Distribution Matrix

* These are the intended recipients of CDRL items. Electronic submission per CDRL instruction paragraph 11c will satisfy BMDO unclassified distribution requirements.

** Any additional CDRL recipients will be identified in Task Instructions.

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CONTRACT DATA REQUIREMENTS LIST

A. CONTRACT LINE ITEM NO: 0004  B. EXHIBIT: H  
C. CATEGORY: TDP___ TM___ OTHER___X___  
D. SYSTEM/ITEM: NMD LSI  
E. CONTRACT/PR. NO: HQ0006-98-C-0003  F. CONTRACTOR: BOEING

1. DATA ITEM NO.: H001  
2. TITLE OF DATA ITEM: Scientific and Technical Reports  
3. SUBTITLE: (As Stated in Task Order)  
4. AUTHORITY (Data Acquisition Document No.): DI-MISC-80711/T  
5. CONTRACT REFERENCE: SOW 3.2.12  
6. REQUIRING OFFICE: JN/I  
7. DD 250 REQ: LT  
8. APP CODE: A  
9. DISTRIBUTION STATEMENT REQUIRED: F  
10. FREQUENCY: ONE/R  
11. AS OF DATE: N/A  
12. DATE OF FIRST SUBMISSION: See Block 16  
13. DATE OF SUBSEQUENT SUBMISSION: See Block 16  
14. DISTRIBUTION and TOTAL COPIES: See Table H-1  
15. REMARKS:

Block 4:
10 Preparation Instructions.
10.3 Content. Contractor format acceptable. Specific content to be as stated in Task Instructions.

Block 8: Government review and approval (or disapproval) and comments will be provided within 30 days after receipt of each submittal unless otherwise specified in Task Instruction.

Block 12: As specified in Task Instructions.

Block 13: If the Government provides any comments, submit a final report incorporating Government comments within 30 days after receipt of Government comments unless otherwise specified in Task Instructions.

G. PREPARED BY: HANS PITTNER  H. DATE: 19 AUG 99  
I. APPROVED BY: ROY G. HUFFMAN  J. DATE: 19 AUG 99
CONTRACT DATA REQUIREMENTS LIST

A. CONTRACT LINE ITEM NO: 0004  B. EXHIBIT: H
C. CATEGORY: TDP___ TM___ OTHER___X
D. SYSTEM/ITEM: NMD LSI
E. CONTRACT/PR. NO: HQ0006-98-C-0003  F. CONTRACTOR: BOEING

1. DATA ITEM NO.: H002
2. TITLE OF DATA ITEM: Presentation Material
3. SUBTITLE: Presentation Material for Meetings and Reviews
4. AUTHORITY (Data Acquisition Document No.): See Block 16
5. CONTRACT REFERENCE: SOW 3.2.12
6. REQUIRING OFFICE: JN/I
7. DD 250 REQ: LT
8. APP CODE: N/A
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11. AS OF DATE: N/A
12. DATE OF FIRST SUBMISSION: See Block 16
13. DATE OF SUBSEQUENT SUBMISSION: N/A
14. DISTRIBUTION and 15. TOTAL COPIES: See Table A-1
16. REMARKS:

Block 4:
Conference Agenda per DI-ADMN-81249A; Conference Minutes per DI-ADMN-81250; Presentation Material per DI-ADMN-81373/T.

DI-ADMN-81373/T:
10.1 Format. Paper copies of vu-graphs and, when specified in Task Instructions, acetate vellums in protective pockets.
10.2 Content. Contractor format acceptable. Specific content to be as stated in Task Instructions.

Blocks 10, 12 and 13: Generally, the Contractor shall present a progress briefing at the half-way point for any Task Instruction with a period of performance of 60 days or more. A final briefing shall be presented at the conclusion of each special study or analyses unless waived by the Contracting Officer’s Representative. Agenda: Submit agenda 10 days prior to the Reviews. Presentation Material will be presented at the reviews. Minutes: Minutes (unless waived by the Contracting Officer’s Representative or the Contracting Officer) will be submitted within 14 days after review. If corrections are required, submit revised minutes within 14 days of receipt of Government comments. The Government may vary these requirements in Task Instructions.

G. PREPARED BY: HANS PITTNER
H. DATE: 19 AUG 99
I. APPROVED BY: ROY G. HUFFMAN
J. DATE: 19 AUG 99
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<td>System Functional Review</td>
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<td>Security Features User’s Guide</td>
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National Missile Defense (NMD)
Lead System Integrator (LSI)

Attachment 2

Integrated Master Plan (IMP)

REDACTED IN ITS ENTIRETY 10/12/99
National Missile Defense (NMD)
Lead System Integrator (LSI)

Attachment 3

Contract Work Breakdown Structure (CWBS)

REDACTED IN ITS ENTIRETY 10/12/99
Attachment 4 (DD Form 254) has been removed IAW 5 USC 552(b)(2).
15 Pages.
Attachment 5 (Small Business Subcontracting Plan) has been removed IAW 5 USC 552(b)(4). 95 Pages.
Attachment 6

Rights in Technical Data-Noncommercial Items
(DFARS 252.227-7013)

Revised: March 30, 2000

REDACTED IN ITS ENTIRETY
Attachment 7

List of Less Than Unlimited Rights Computer Software and Computer Documentation

(Rights in Noncommercial Computer Software and Noncommercial Computer Documentation, DFARS 252.227-7014)

Revised: March 30, 2000

REDACTED IN ITS ENTIRETY
National Missile Defense (NMD)
Lead System Integrator (LSI)

Attachment 8

Government Furnished Property
Government Furnished Equipment (GFP/GFE)

3/30/00

REDACTED IN ITS ENTIRETY
BOEING NMD LSI
DEPLOYMENT AND SUSTAINMENT
(D&S)

VOLUME VII
ATTACHMENT 9

BASE SUPPORT
REQUIREMENTS LIST
(BSRL)

FOR CANDIDATE DEPLOYMENT SITE (S)

(MARCH 4, 1998)

REDACTED IN ITS ENTIRETY
ORGANIZATIONAL CONFLICT OF INTEREST (OCI)

ANALYSIS/DISCLOSURE FORM
1. Contract Number | 2. Program Title
---|---
HQ0006-98-C-0003 | National Missile Defense Lead System Integrator (NMD LSI)

3. Contractor Name and Address | 4. Telephone Number and POC

5. Type of work to be performed under this solicitation:
   (a) Providing Systems Engineering and Technical Direction (  )
   (b) Preparing Specifications or Work Statements (  )
   (c) Providing Technical Evaluation or Advisory and Assistance Services (  )

6. Contract Number and Program Title
   Other BMDO or BMD-related work requiring analysis and determination:

7. Brief Summary/Description of work performed under Block 6 action:

8. Relationship between requirements of Block 1 action and work performed under Block 6 action (If None, State Why):

9. Offeror/Contractor OCI Evaluation and Assessment (If either answer is yes, attach a copy of the SOW and complete Block 10):
   (a) Does Actual OCI exist? (  ) Yes (  ) No
   (b) Does Potential OCI exist? (  ) Yes (  ) No

10. Summary of actual/potential OCI, including actions planned to avoid, neutralize, or mitigate conflict or potential conflict:

11. Typed Name of Responsible Official | 12. Signature | 13. Date

14. Typed Name of Contracting Officer | 15. Approval Signature | 16. Date
INSTRUCTIONS FOR COMPLETING OCI ANALYSIS/DISCLOSURE FORM

Blocks 3 and 4: Self explanatory.

Block 6: Fill in the number and the short, official title by which the contract or subcontract requiring analysis and determination is formally known. This is work that has already been awarded, is being performed by your company, and requires a comparison with that work described in Blocks 1-5. **NOTE:** One OCI Analysis/Disclosure Form shall be submitted for EACH BMD or BMD-related contract or subcontract currently being performed.

Block 7: Provide a brief, but specific, narrative summary of the SOW and work performed on the contract or subcontract listed in Block 6, including the period of performance and the value.

Block 8: Provide a brief, but specific, narrative summary of ANY relationship between the work to be performed under the action listed in Block 1 and the previous work performed under the action listed in Block 6. Please be as specific as possible by citing the specific RFP/SOW paragraph where possible.

Block 9: Place an "X" in the appropriate ( ) for your responses.

Block 10: If you answer yes either to 9(a) or to 9(b), provide a summary of the actual or potential OCI.

Blocks 11, 12, and 13: Provide the name of your company official with responsibility for and/or authority to discuss and commit the company on matters relating to OCI issues. That official should then sign and date each form.
AWARD FEE DETERMINATION PLAN

NATIONAL MISSILE DEFENSE

LEAD SYSTEMS INTEGRATOR

10/27/99

PREPARED BY

BALLISTIC MISSILE DEFENSE ORGANIZATION
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         3.2.2.1 Compliance with Milestones  
         3.2.2.2 Timeliness of Deliverables  
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1.0 INTRODUCTION

1.1 Purpose

This Award Fee Determination Plan (AFDP) serves as the charter and guide which will be used to evaluate the Contractor’s performance and to determine the award fee earned for each evaluation period of this National Missile Defense (NMD) Lead System Integrator (LSI) contract. The NMD Joint Program Office (JPO) requires top level performance to meet program requirements in the development of a NMD Prototype and during options for subsequent continued development and deployment. Hence, the award fee is designed to provide an incentive to the Contractor for outstanding quality performance in the development and integration of the NMD system inclusive of the four key performance areas of technical performance, schedule, cost, and program management.

Through this AFDP, the Government seeks to provide additional incentives for the Contractor and key Contractor groups to perform at a level the Government considers better than satisfactory. No award fee shall be paid for unsatisfactory performance. Award fee will be paid upon the Government’s determination of the earned percentage of the award fee pool.

1.2 Objective

This AFDP provides the guidelines and procedures for:
- Evaluating the Contractor’s performance
- Determining the award fee earned by the Contractor

2.0 ROLES AND RESPONSIBILITIES

2.1 Fee Determining Official (FDO)

The National Missile Defense Program Manager is the Fee Determining Official and has the following responsibilities:
- Determine the Contractor’s performance rating and award fee amount
- Advises the Contractor and the PCO of award fee decisions
- Documents the basis for the decisions
- Appoints the AFRB Chairman and approves the AFRB membership
- Implement optional Mid-Term Evaluations
- Issue an Expectation Letter

2.2 Award Fee Review Board (AFRB)

The Award Fee Review Board is comprised of a Chairman, Executive Secretary, Members and Advisors who have the following roles and responsibilities.
2.2.1 Chairman

The FDO will appoint an AFRB Chairman to assist in evaluating the Contractor’s performance. The AFRB Chairman is responsible for:

- Appointing the AFRB Executive Secretary, Members and Advisors
- Conducting the AFRB
- Providing the FDO a recommended Contractor performance rating and award fee amount

2.2.2 Executive Secretary

The Executive Secretary is responsible for:

- Scheduling the AFRB meetings and serves as a recorder at these meetings
- Preparing and forwarding evaluation workbooks to the AFRB Members
- Distilling evaluations from the AFRB

2.2.3 Members

The Chairman will appoint the AFRB membership from directorates within JN, individuals who direct contractor efforts and, if deemed appropriate, the Military Service organizations familiar with the work that is performed by the Contractor, to ensure a fair and accurate assessment of the Contractor’s performance for the period being evaluated. The duties of the AFRB members include:

- Implementing the AFDP
- Obtaining Contractor data and briefings as required
- Evaluating contractor’s performance considering all information from pertinent sources
- Preparing interim performance reports
- Recommending and voting on Contractor performance rating and award fee amount
- Recommending items for the Expectation Letter
- Recommending changes to the AFRB

2.2.4 Advisors

2.2.4.1 Procuring Contracting Officer (PCO)

The Procuring Contracting Officer is a permanent advisor to the AFRB and responsible for the following:

- Issuing contract modifications obligating the award fee authorized by the FDO
- Issuing changes to Award Fee Determination Plan
- Maintaining award fee documentation as part of the official contract file
- Retaining award fee historical files and other documentation
2.2.4.2 General Advisors

The Chairman may invite individuals to attend the AFRB due to their familiarity and insight into the Contractor’s performance. These are non-voting individuals who only advise the AFRB.

3.0 EVALUATION AREAS AND CRITERIA

The Government will evaluate the Contractor’s performance in achieving contract requirements for the award fee periods using the following evaluation areas and criteria.

3.1 Evaluation Areas

The Contractor will be subjectively assessed in the following four critical performance areas:

- Technical Performance
- Schedule Performance
- Cost Performance
- Program Management Performance

Specific weighting will be announced in the Expectations Letter prior to each award fee period.

3.2 Evaluation Criteria

The contractor’s performance in each area will be evaluated on the basis of the following criteria in the respective performance area.

3.2.1 Technical Performance Criteria

The contractor’s technical performance will be evaluated in terms of meeting the technical requirements of the contract. The basis for this evaluation is:

- Completion of the Government-selected Significant Accomplishments (SAs)
- Program Impacts
- Technical Data and Reporting

3.2.1.1 Completion of the Significant Accomplishments (SAs)

The Contractor will be evaluated on each of the Integrated Master Plan (IMP) Significant Accomplishments listed in Table 11-1 during the respective period for:

- Accomplishments on NMD Program Schedule
- Accomplishments impacts on NMD Program Risk
- Accomplishments impacts on NMD Program Cost
- Risk Management
• Requires minimal Government Oversight
• Other

### Table 11-1, CLIN 0001 SIGNIFICANT ACCOMPLISHMENTS FOR AWARD FEE EVALUATION

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<td>No. 2 11/1/98 - 4/30/99</td>
<td>2</td>
<td>Weapon Preliminary Design Review (PDR) Completed</td>
<td>WS A02 01</td>
</tr>
<tr>
<td></td>
<td></td>
<td>KV Down Select Completed</td>
<td>WS A02 06</td>
</tr>
<tr>
<td></td>
<td>2.b</td>
<td>Initial C1 NMD System Information Architecture Developed</td>
<td>SE A02 04</td>
</tr>
<tr>
<td></td>
<td>2.c</td>
<td>System FS&amp;E Program Baselined</td>
<td>DS A02 01</td>
</tr>
<tr>
<td></td>
<td>2.d</td>
<td>C1-XBR Element PDR Completed</td>
<td>XB A02 01</td>
</tr>
<tr>
<td></td>
<td>2.e</td>
<td>C1-UEWR Element PDR Completed</td>
<td>UE A02 01</td>
</tr>
<tr>
<td></td>
<td>2.f</td>
<td>IFTs (3 &amp; 4) and IGTs (3 &amp; 4) Test Plans &amp; Reqmts Developed</td>
<td>TE A02 01</td>
</tr>
<tr>
<td></td>
<td>2g</td>
<td>Simulations Updated</td>
<td>SE A02 08</td>
</tr>
<tr>
<td></td>
<td>2.h</td>
<td>Reserved</td>
<td>SE A02 18</td>
</tr>
<tr>
<td></td>
<td>2.i</td>
<td>BMC3 CI-3A Release Review Conducted</td>
<td>BC A03 08</td>
</tr>
<tr>
<td></td>
<td>2.j</td>
<td>Draft Capstone Site Activation Plan (CSAP) Completed</td>
<td>DS A02 07</td>
</tr>
<tr>
<td></td>
<td>2.k</td>
<td>IGT-3 Successfully Conducted</td>
<td>TE A03 01 04 01</td>
</tr>
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<td></td>
<td>2.l</td>
<td>BMC3-CI-3A Release Review Supported</td>
<td>BC A03 01 03</td>
</tr>
<tr>
<td>No. 3 5/1/99 - 10/31/99</td>
<td>3.a</td>
<td>Initial Test Configuration Defined</td>
<td>UE A03 01</td>
</tr>
<tr>
<td></td>
<td>3.b</td>
<td>GBR-P/C1 Readiness to Support IFTs Verified</td>
<td>XB A03 01</td>
</tr>
<tr>
<td></td>
<td>3.c</td>
<td>IFT-3 Integrated Flight Test Readiness Review Completed</td>
<td>WS A03 04</td>
</tr>
<tr>
<td></td>
<td>3.d</td>
<td>BMC3 CI-3A System Integration Activities Conducted</td>
<td>BC A03 08</td>
</tr>
<tr>
<td></td>
<td>3.f</td>
<td>IFT-4 Integrated Flight Test Readiness Review Completed</td>
<td>WS A03 09</td>
</tr>
<tr>
<td></td>
<td>3.g</td>
<td>System Preliminary Design Review (PDR) Conducted</td>
<td>SE A02 18</td>
</tr>
<tr>
<td></td>
<td>3.h</td>
<td>Execute IFT-3</td>
<td>TE A03 02</td>
</tr>
<tr>
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<td>3.i</td>
<td>Risk Reduction Flight 6 (RRF6) Completed</td>
<td>TE A03 04 02</td>
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<td>3.j</td>
<td>WSS Test Configured GDIL Equipment Checkout Completed</td>
<td>WS A04 16 08</td>
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<tr>
<td></td>
<td>3.k</td>
<td>WSS VAFB Equipment Integrated</td>
<td>WS A04 16 10</td>
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<tr>
<td></td>
<td>3.l</td>
<td>IAT&amp;C Facility Development</td>
<td>WS A04 15 13</td>
</tr>
<tr>
<td></td>
<td>3.n</td>
<td>IGT-4 Executed</td>
<td>TE A03 07</td>
</tr>
<tr>
<td></td>
<td>3.o</td>
<td>NMD Sites Defined for IDT and Fiber Optics Network Connectivity</td>
<td>DS A04 10 03</td>
</tr>
<tr>
<td></td>
<td>3.p</td>
<td>System Verification Plan Updated</td>
<td>SE A04 10 02</td>
</tr>
<tr>
<td>No. 4 11/1/99 - 4/30/00</td>
<td>4.a</td>
<td>Execute IFT-4</td>
<td>TE A03 03</td>
</tr>
<tr>
<td></td>
<td>4.b</td>
<td>IGT-5 Executed</td>
<td>TE A03 06</td>
</tr>
<tr>
<td></td>
<td>4.c</td>
<td>IFT-5 Executed (Phase 1)</td>
<td>TE A03 08</td>
</tr>
<tr>
<td></td>
<td>4.d</td>
<td>Integrated Systems Test Supported</td>
<td>XB A03 03</td>
</tr>
<tr>
<td></td>
<td>4.e</td>
<td>WS Element Critical Design Review Completed</td>
<td>WS A04 01</td>
</tr>
<tr>
<td></td>
<td>4.f</td>
<td>BMC3 BI-1 Build</td>
<td>BC A04 03</td>
</tr>
<tr>
<td></td>
<td>4.g</td>
<td>C1 System Performance Assessment Completed for DRR</td>
<td>SE A04 12</td>
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<tr>
<td></td>
<td>4.h</td>
<td>LIDS Build 4</td>
<td>SE A03 08</td>
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<tr>
<td></td>
<td>4.i</td>
<td>Baseline Configuration at Beale Updated</td>
<td>UE A04 05</td>
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Table 11-1, CLIN 0001 SIGNIFICANT ACCOMPLISHMENTS FOR AWARD FEE EVALUATION (cont)

<table>
<thead>
<tr>
<th>Period/ Dates</th>
<th>Period ID</th>
<th>Selected Significant Accomplishments</th>
<th>IMP Reference</th>
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<tr>
<td>No. 5</td>
<td>5.a</td>
<td>BV-1 Boost Vehicle Flight TRR Completed</td>
<td>WS A04 17</td>
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<tr>
<td>5/1/00 - 10/31/00</td>
<td>5.b</td>
<td>Initial Production Readiness Review Conducted</td>
<td>DS A04 06</td>
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<td></td>
<td>5.c</td>
<td>C1 System Verification Assessment Conducted</td>
<td>SE A04 10</td>
</tr>
<tr>
<td></td>
<td>5.d</td>
<td>XBR Element Interim Design Review (IDR) Completed</td>
<td>XB A04 02</td>
</tr>
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<td></td>
<td>5.e</td>
<td>UEWR Element Interim Design Review (IDR) Completed</td>
<td>UE A04 03</td>
</tr>
<tr>
<td></td>
<td>5.f</td>
<td>BMC3 BI-1 System Integration Activities Completed</td>
<td>BC A04 10</td>
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<tr>
<td></td>
<td>5.g</td>
<td>IST and Ground Test Report Completed</td>
<td>TE A04 02</td>
</tr>
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<td></td>
<td>5.h</td>
<td>BV-3 Boost Vehicle Flight TRR Completed</td>
<td>WS A05 11</td>
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<td></td>
<td>5.i</td>
<td>Pre-Deployment Site Activation Activities Completed</td>
<td>DS A04 05</td>
</tr>
<tr>
<td></td>
<td>5.j</td>
<td>Deployment Readiness Review (DRR) Conducted</td>
<td>SE A04 03</td>
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<td>No. 6</td>
<td>6.a</td>
<td>BMC3 BI-2 Build Developed</td>
<td>BC A06 02</td>
</tr>
<tr>
<td>11/1/00 - 4/30/01</td>
<td>6.b</td>
<td>IFT-7 and IGT-6 Tests Reviewed and Performed</td>
<td>TE A05 04</td>
</tr>
<tr>
<td></td>
<td>6.c</td>
<td>IFT-8 Integrated Flight TRR Completed</td>
<td>WS A05 15</td>
</tr>
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<td></td>
<td>6.d</td>
<td>D&amp;S Initial Requirements Verification Completed</td>
<td>DS A05 02</td>
</tr>
<tr>
<td></td>
<td>6.e</td>
<td>IFT-8 and IGT-8 Tests Reviewed and Performed</td>
<td>TE A06 04</td>
</tr>
<tr>
<td></td>
<td>6.f</td>
<td>C1 XBR Critical Design Review (CDR) Completed</td>
<td>XB A06 01</td>
</tr>
<tr>
<td></td>
<td>6.g</td>
<td>UEWR Review of Deployment Options Completed</td>
<td>UE A05 01</td>
</tr>
<tr>
<td></td>
<td>6.h</td>
<td>C2 System Requirements Review (SRR) Conducted</td>
<td>SE A06 09</td>
</tr>
</tbody>
</table>

The Contractor initially proposed the specific subset of SAs used to determine the performance award for each period in the RFP response. Future revisions to the list of SAs should be submitted prior to the start of the applicable award fee period. The Government may choose to ignore uncompleted SAs in the best interests of the program. For a scheduled significant accomplishment to be considered complete for award fee in the Performance area, the Government must agree that the accomplishment is closed or that plans are in place for imminent closure. The impact of uncompleted significant accomplishments may also be included in the assessment. If uncompleted significant accomplishments are rendered unimportant by program events, the Government may, at its discretion, delete them.

3.2.1.2 Program Impacts

The Contractor will be evaluated for the following areas which impact the program either positively or negatively:

- Working relationship with the government
- Working relationship with subcontractors
- Level of interaction with NMD JPO representatives on contract status, tasks reflected in IMP and IMS, technical issues, NMD JPO issues, Significant Accomplishments, and program objectives
- Understanding of Government taskings
- Effectiveness of internal communications
• Effectiveness of inter-organization coordination and planning
• Ability to assign personnel appropriately with duties, responsibilities, and authority necessary to achieve project goals
• Ability to identify risk areas and propose risk mitigation actions in advance of required actions
• Ability to take initiative and responsibility in communicating and resolving issues with the NMD JPO, subcontractors, and other government agencies
• Other

3.2.1.3 Technical Data and Reporting

For the following areas, the Contractor will be evaluated on their ability to provide quality, timeliness and responsiveness of the totality of technical data and reporting and not just to the on-schedule submittal of CDRL items.
• Quality of technical data and reports distributed to appropriate authorized parties within the NMD program
• Preparation and documentation of key program events
• Proactive reporting practices
• Other

3.2.2 Schedule Performance Criteria

The Contractor’s schedule performance will be evaluated per:
• Compliance with milestones
• Timeliness of deliverables

3.2.2.1 Compliance with milestones

The Contractor’s ability to comply with milestones will be evaluated per:
• Ability to identify and correct schedule problems
• Ability to meet milestones
• Ability to integrate elements and NMD system schedule
• Other

3.2.2.2 Timeliness of Deliverables

The contractor will be evaluated on the following areas:
• Timeliness of deliverables
• Other
3.2.3 Cost Performance Criteria

The contractor’s performance will be evaluated in terms of its effectiveness in cost management, to include the following:

- Demonstrates implementation of cost control methods through briefings, program reviews and reporting
- Demonstrates effective cost control processes
- Demonstrates the application of CAIV
- Demonstrates adherence to Life Cycle Cost objectives in program decision making
- Other

3.2.4 Program Management Performance Criteria

The contractor’s performance will be evaluated in terms of its effectiveness in managing the LSI program and its overall responsiveness to the dynamic requirements of the NMD JPO, to include the following:

- Team management
- Contract Management and Reporting

3.2.4.1 Team Management

The contractor’s team management performance will be evaluated per:

- Contracts (letter and firm) issued to all subcontractors
- Timely resolution of open issues
- IPT/AIT efficiency and productivity
- Contractor efforts to cooperate effectively with the customer
- Customer interface competency
- Other

3.2.4.2 Contract Management and Reporting

The Contractor’s contract management and reporting performance will be evaluated per:

- Management of contract activities
- Report Quality
- Timeliness of tasks completion
- Ability to complete tasks within budget
- Ability to plan for task problem areas
- Ability to meet Small Business/Minority Business Plan Requirements
- Other
4.0 EVALUATION RATING AND SCORE

4.1 Definition

The rating of the contractor’s performance per aforementioned criteria will be per the following rating definitions:

Unsatisfactory: The contractor’s overall performance (product/service) fails to meet or slightly exceed minimum acceptable standards. Communications are marginal. Areas for improvement exist and have adversely impacted part of the program and affected the contractor’s ability to perform.

Satisfactory: The contractor’s performance (product/service) is satisfactory and generally responsive to the contract requirements. Products/Services are good but warrant improvement. Open communications have only allowed a few “surprises” to occur. Areas for improvement exist which have identifiable, but not substantial, effects on overall performance.

Good: The contractor’s performance is effective. The contractor’s product/service is responsive to contract requirements. Communications are generally open and effective. Areas for improvement exist but have little identifiable impact on overall performance.

Very Good: The contractor’s performance is very effective and is responsive to contract requirements. Communications are generally open, timely and effective. Products and services are very good. Few areas of improvement exist which have minor identifiable impact on overall performance.

Excellent: Performance is outstanding in essentially all respects. Few, if any, minor areas can be cited for improvement and have little or no impact to overall program or contractor’s performance. Communications are open, comprehensive, timely and effective. The contractor proactively identifies potential problems and implements corrective action in sufficient time to avoid program impacts.
4.2 Rating Point Score

The rating point score for the individual definitions as well as the overall rating corresponds to the following chart.

<table>
<thead>
<tr>
<th>Rating</th>
<th>Point Score</th>
</tr>
</thead>
<tbody>
<tr>
<td>Excellent</td>
<td>91 -- 100</td>
</tr>
<tr>
<td>Very Good</td>
<td>81 -- 90</td>
</tr>
<tr>
<td>Good</td>
<td>71 -- 80</td>
</tr>
<tr>
<td>Satisfactory</td>
<td>51 -- 70</td>
</tr>
<tr>
<td>Unsatisfactory</td>
<td>0 -- 50</td>
</tr>
</tbody>
</table>

4.3 Evaluation Score

The AFRB will use the point score ratings and their definitions to arrive at a recommended performance area score and an overall recommended score. To obtain a score for a particular performance area, the AFRB will simply average the total score for each sub-criterion. The overall recommended performance rating is a weighted average of each performance area rating. Specific weighting will be detailed in the Expectation Letter. The recommended ratings and point score directly equate to the score/percentage of award. For example, an overall rating of 79 percent would result in a recommended percentage of 79 percent award fee earned for that period.

The FDO has the sole authority to determine the contractor’s performance rating and award fee amount based on factors the FDO sees fit to use. The FDO may accept, reject or modify the AFRB recommendations based on the FDO’s assessment of all factors seen by the FDO from a total program perspective.

5.0 EVALUATION PROCESS

5.1 General

The Award Fee Determination Process is governed by the provisions of Special Contract Requirement H-23.
5.2 Procedures

The following procedures serve as a guide during an award fee period. The time convention is defined as “Ts” = Start of period; “T½” = Period mid-point; “Te” = End of period. Therefore, Ts-5 means 5 days before start of period.

<table>
<thead>
<tr>
<th>Step</th>
<th>Time</th>
<th>OPR</th>
<th>Event</th>
</tr>
</thead>
<tbody>
<tr>
<td>1.</td>
<td>Ts-30</td>
<td>Members</td>
<td>Provide the Chairman with Expectation Letter recommendation.</td>
</tr>
<tr>
<td>2.</td>
<td>Ts-10</td>
<td>FDO</td>
<td>Issues an Expectation Letter</td>
</tr>
<tr>
<td>3.</td>
<td>Ts</td>
<td>Chairman</td>
<td>Start of Award Fee Period</td>
</tr>
<tr>
<td>4.</td>
<td>T½</td>
<td>Chairman</td>
<td>Per the FDO requests, the Chairman convenes a Mid-Term AFRB which evaluates performance on a non-scoring basis. The intent is to provide the Contractor mid-course feedback. The Chairman may ask the LSI to brief a self-assessment.</td>
</tr>
<tr>
<td>5.</td>
<td>Te-45</td>
<td>Exec Sectry</td>
<td>Schedules Award Fee Review Board to convene 15 working days prior to period end or 10 days after receipt of Cost Performance Report, whichever is later.</td>
</tr>
<tr>
<td>6.</td>
<td>Te-15</td>
<td>Chairman</td>
<td>Award Fee Review Board convenes.</td>
</tr>
<tr>
<td>7.</td>
<td>Te-15</td>
<td>Members</td>
<td>Evaluate the Contractor’s performance in the appropriate areas using the criteria set forth in this AFDP. Individual members will present their findings and determinations to the whole AFRB. The AFRB will review all evaluation material along with supporting documentation.</td>
</tr>
<tr>
<td>8.</td>
<td>Te-10</td>
<td>Chairman</td>
<td>Presents AFRB recommendations to the FDO.</td>
</tr>
<tr>
<td>9.</td>
<td>Te-5</td>
<td>FDO</td>
<td>Determines the Contractor’s performance and award fee to be earned. FDO will notify the PCO and Contractor.</td>
</tr>
<tr>
<td>10.</td>
<td></td>
<td>PCO</td>
<td>Issues a contract modification obligating award fee within 5 days of FDO’s notification.</td>
</tr>
<tr>
<td>11.</td>
<td>Te</td>
<td></td>
<td>End of Award Fee Period</td>
</tr>
<tr>
<td>12.</td>
<td>Te+10</td>
<td>Chairman</td>
<td>Issues an optional summary narrative report highlighting the Contractor’s strengths and weaknesses. The report will be based on the Government’s analysis of Contractor performance for that evaluation period. The report will be prepared by the AFRB, approved by the FDO, and forwarded, if appropriate, to the contractor by the PCO in conjunction with the contract modification authorizing payment of the award fee.</td>
</tr>
</tbody>
</table>
National Missile Defense
(NMD)
Lead System Integrator
(LSI)

Attachment 12

Government Test Facilities

10/13/99

REDACTED IN ITS ENTIRETY
ATTACHMENT 13

TASK INSTRUCTION PROCEDURES

Applicability. These procedures apply to Task Instructions (CLINs 0003 and 0004) issued per Special Contract Requirement H-38.

Contents. Task Instructions issued under this contract shall be in writing and shall conform to Special Contract Requirement (SCR) H-38.

Format. The attached form or Contracting Officer letter will normally be used for Task Instructions. Contractor format will be acceptable for the results of the Task Instruction effort and CDRLs.

Procedures

When the Government has a Task Instruction requirement, the Contracting Officer will issue a Draft Task Instruction on the attached form to the Contractor with a request to the Contractor to submit a plan for accomplishing the task. The Draft Task Instruction will include, but not be limited to, the description of the task to be performed, the period of performance, and a description of the deliverables. Issuance of a Draft Task Instruction does not authorize performance of the task.

The Contractor shall submit a Task Plan within seven (7) calendar days after receipt of the Draft Task Instruction. The Task Plan will include: a brief description of the method and approach to accomplish the task and the information identified above, with supporting rationale.

Upon receipt of the Task Plan, the Contracting Officer will provide either an executed Task Instruction, or advise the Contractor of changes required to the Task Plan or proposed pricing. Once the Contracting Officer and the Contractor have agreed on the contents of the Task Plan and proposed number of DPLH, the Contracting Officer will sign and provide the effective date authorizing the start of the effort and issue the Task Instruction to the Contractor. The Task instruction will include the items listed above in the Content Section.

* Note: Task Instructions under CLIN 0003 are issued as completion tasks. Including estimated labor hours in completion task instructions is for the purpose of tracking the quantity of effort ordered. Any variance between estimated and actual costs on completion task instructions will not alter the available award fee for that task.

** Determination of amounts to be inserted shall be guided by pricing set forth in the Contract’s Section B negotiated CLIN 0003 price.
# BALLISTIC MISSILE DEFENSE ORGANIZATION
OFFICE OF THE SECRETARY OF DEFENSE

## TASK INSTRUCTION

1. **CONTRACTOR NAME AND ADDRESS**
   
   BOEING NORTH AMERICAN, Inc.,
   A Wholly Owned Subsidiary of The Boeing Company
   NMD Lead System Integrator
   3370 Miraloma Avenue MC:GB-66
   P O Box 3105
   Anaheim CA 92803-3106

2. **CONTRACT NO.**
   HQ0006-98-C-0003

3. **CLIN**
   CLIN 0003

4. **TASK ORDER NO.**
   99-XX

5. **SOW PARAGRAPH NO.**
   3.2.12

6. **CONTRACTING OFFICER'S REPRESENTATIVE**

   **NAME**
   Keith L. Englander

   **CODE**
   BMDO/JN/I

   **TELEPHONE**
   (703) 604-1994

7. **DESCRIPTION OF TASK TO BE PERFORMED**

   7a. SEE ATTACHED TASK PLAN AGREED TO ON _________________________

8. **EFFORT FOR THIS TASK**

   **DPLH:**
   XXX Hours

   **EST COST:**
   $ MAX AVAIL AWD FEE $

   **COST PLUS AWARD FEE (15%):**
   $

   **PERIOD OF PERFORMANCE:**

9. **DELIVERABLES AND GOVERNMENT FURNISHED RESOURCES**

   CDRLs REQUIRED: (Check all that apply) _____ H001 TM _____ H002 PM

   DUE DATES FOR CDRLs: ________________________________

   GOVERNMENT RESOURCES (If any):

10. **THIS TASK INSTRUCTION IS ISSUED PURSUANT TO SCR H-38, “TASK INSTRUCTIONS.”**

    Boeing NMD LSI Contracts Date Signature
    A. L. AUSTIN Date Signature
<table>
<thead>
<tr>
<th>1. CONTRACTOR NAME AND ADDRESS</th>
<th>2. CONTRACT NO.</th>
<th>3. CLIN</th>
</tr>
</thead>
<tbody>
<tr>
<td>BOEING NORTH AMERICAN, Inc.,</td>
<td>HQ0006-98-C-0003</td>
<td>0003</td>
</tr>
<tr>
<td>A Wholly Owned Subsidiary of The Boeing Company</td>
<td></td>
<td></td>
</tr>
<tr>
<td>NMD Lead System Integrator</td>
<td></td>
<td></td>
</tr>
<tr>
<td>3370 Miraloma Avenue MC:GB-66</td>
<td></td>
<td></td>
</tr>
<tr>
<td>P O Box 3105</td>
<td></td>
<td></td>
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<tr>
<td>Anaheim CA  92803-3106</td>
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