

258,000

<b>AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT</b>			1. CONTRACT ID CODE 0	PAGE OF PAGES 1   2
2. AMENDMENT/MODIFICATION NO. 01	3. EFFECTIVE DATE 14-Jun-2001	4. REQUISITION/PURCHASE REQ. NO. DH1B130300-01	5. PROJECT NO.(If applicable)	
ISSUED BY US ARMY SPACE AND MISSILE DEFENSE [REDACTED] P.O. BOX 1500 HUNTSVILLE AL 35807-3801	CODE W31RPD	7. ADMINISTERED BY (If other than item 6) DCM BIRMINGHAM BURGER PHILLIPS CENTER 1910 THIRD AVE., NORTH, RM. 201 BIRMINGHAM AL 35203-2376		CODE S0101A
8. NAME AND ADDRESS OF CONTRACTOR (No., Street, County, State and Zip Code) CAS INC [REDACTED] PO BOX 11190 HUNTSVILLE AL 35814			9A. AMENDMENT OF SOLICITATION NO.	
CODE 4S077			9B. DATED (SEE ITEM 11)	
FACILITY CODE			X 10A. MOD. OF CONTRACT/ORDER NO. DASG60-99-D-0002-0020	
			X 10B. DATED (SEE ITEM 13) 06-Feb-2001	
11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS				
<input type="checkbox"/> The above numbered solicitation is amended as set forth in Item 14. The hour and date specified for receipt of Offer <input type="checkbox"/> is extended. <input type="checkbox"/> is not extended. Offer must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation or as amended by one of the following methods: (a) By completing Items 8 and 15, and returning _____ copies of the amendment; (b) By acknowledging receipt of this amendment on each copy of the offer submitted; or (c) By separate letter or telegram which includes a reference to the solicitation and amendment numbers. FAILURE OF YOUR ACKNOWLEDGMENT TO BE RECEIVED AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATE SPECIFIED MAY RESULT IN REJECTION OF YOUR OFFER. If by virtue of this amendment you desire to change an offer already submitted, such change may be made by telegram or letter, provided each telegram or letter makes reference to the solicitation and this amendment, and is received prior to the opening hour and date specified.				
12. ACCOUNTING AND APPROPRIATION DATA (If required) See Schedule				
13. THIS ITEM APPLIES ONLY TO MODIFICATIONS OF CONTRACTS/ORDERS. IT MODIFIES THE CONTRACT/ORDER NO. AS DESCRIBED IN ITEM 14.				
A. THIS CHANGE ORDER IS ISSUED PURSUANT TO: (Specify authority) THE CHANGES SET FORTH IN ITEM 14 ARE MADE IN THE CONTRACT ORDER NO. IN ITEM 10A.				
B. THE ABOVE NUMBERED CONTRACT/ORDER IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES (such as changes in paying office, appropriation date, etc.) SET FORTH IN ITEM 14, PURSUANT TO THE AUTHORITY OF FAR 43.103(B).				
C. THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO AUTHORITY OF:				
X D. OTHER (Specify type of modification and authority) UNILATERAL; LIMITATION OF FUNDS Clause FAR 52.232-22				
E. IMPORTANT: Contractor <input checked="" type="checkbox"/> is not, <input type="checkbox"/> is required to sign this document and return _____ copies to the issuing office.				
14. DESCRIPTION OF AMENDMENT/MODIFICATION (Organized by UCF section headings, including solicitation/contract subject matter where feasible.) SEE CONTINUATION PAGES.  CONTRACT POC: [REDACTED]  CONTRACTOR POC: [REDACTED]				
Except as provided herein, all terms and conditions of the document referenced in Item 9A or 10A, as heretofore changed, remains unchanged and in full force and effect.				
15A. NAME AND TITLE OF SIGNER (Type or print)			16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print)	
15B. CONTRACTOR/OFFEROR			16B. UNITED STATES OF AMERICA	
15C. DATE SIGNED			16C. DATE SIGNED	
(Signature of person authorized to sign)			BY [REDACTED] (Signature of Contracting Officer)	
RECEPTION TO SF 30			14-Jun-2001	

## SECTION SF 30 BLOCK 14 CONTINUATION PAGE

## SUMMARY OF CHANGES

## Changes in Solicitation/Contract/Order Form

The issued by organization has changed from  
US ARMY SPACE AND MISSILE DEFENSE COMMAND

[REDACTED]  
[REDACTED]  
PO BOX 1500  
HUNTSVILLE, AL 35807-3801

to  
US ARMY SPACE AND MISSILE DEFENSE COMMAND

[REDACTED]  
[REDACTED]  
P.O. BOX 1500  
HUNTSVILLE, AL 35807-3801

The total cost has increased from \$141,000.00 by \$117,000.00 to \$258,000.00

## Changes in Section B

CLIN 0007

The total CLIN cost has increased from \$141,000.00 by \$117,000.00 to \$258,000.00  
The estimated/max cost has increased from [REDACTED]

## Changes in Section G

## Summary for the Payment Office

As a result of this modification, the total funded amount of the contract is increased by \$117,000.00 from \$141,000.00 to \$258,000.00

CLIN :0007

AB: 971 0400.2501 36-6011 P40603874C00 255Y DH1B130500 S01021 DH1B130500/1HHN02/H  
is increased by \$42,000.00 from \$0.00 to \$42,000.00

The amount of \$42,000 is for the purchase of general consumables.

AA: 971 0400.2501 36-6011 P40603874C00 255Y DH1B130300 S01021 DH1B130300/1HHN02/H  
is increased by \$75,000.00 from \$141,000.00 to \$216,000.00

The amount of \$75,000 is for the purchase of a Raid Cabinet.

# ORDER FOR SUPPLIES OR SERVICES

PAGE 1 OF

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1. CONTRACT/PURCH. ORDER/ MENT NO. 30-99-D-0002	2. DELIVERY ORDER/ CALL NO. 0021	3. DATE OF ORDER/CALL 2001Feb06	4. REQ./ PURCH. REQUEST NO. DH1B30200-01	5. PRIORITY
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6. ISSUED BY US ARMY SPACE AND MISSILE DEFENSE [REDACTED] PO BOX 1500 HUNTSVILLE AL 35807-3801	CODE W31RPD	7. ADMINISTERED BY DCM BIRMINGHAM BURGER PHILLIPS CENTER 1910 THIRD AVE., NORTH, RM. 201 BIRMINGHAM AL 35203-2376	CODE S0101A
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8. DELIVERY FOB <input checked="" type="checkbox"/> DEST <input type="checkbox"/> OTHER  (See Schedule if other)
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9. CONTRACTOR CAS INC [REDACTED] PO BOX 11190 HUNTSVILLE AL 35814	CODE 4S077	FACILITY	10. DELIVER TO FOB POINT BY (Date) <b>SEE SCHEDULE</b>	11. MARK IF BUSINESS IS <input type="checkbox"/> SMALL <input type="checkbox"/> SMALL DISADVANTAGED <input type="checkbox"/> WOMEN-OWNED
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12. DISCOUNT TERMS
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13. MAIL INVOICES TO THE ADDRESS IN BLOCK See Item 15
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14. SHIP TO <b>SEE SCHEDULE</b>	CODE	15. PAYMENT WILL BE MADE BY DFAS-COLUMBUS CENTER DFAS-CO/SOUTH ENTITLEMENT OPERATION P.O. BOX 182264 COLUMBUS OH 43218-2264	CODE HQ0338	MARK ALL PACKAGES AND PAPERS WITH IDENTIFICATION NUMBERS IN BLOCKS 1 AND 2.
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16. TYPE OF ORDER	DELIVERY/ CALL	<input checked="" type="checkbox"/>	This delivery order/call is issued on another Govt. agency or in accordance with and subject to terms and conditions of above numbered contract.
	PURCHASE		Reference your quote dated _____ Furnish the following on terms specified herein.

ACCEPTANCE. THE CONTRACTOR HEREBY ACCEPTS THE OFFER REPRESENTED BY THE NUMBERED PURCHASE ORDER AS IT MAY PREVIOUSLY HAVE BEEN OR IS NOW MODIFIED, SUBJECT TO ALL OF THE TERMS AND CONDITIONS SET FORTH, AND AGREES TO PERFORM THE SAME.

NAME OF CONTRACTOR	SIGNATURE	TYPED NAME AND TITLE	DATE SIGNED (YYYYMMDD)
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If this box is marked, supplier must sign Acceptance and return the following number of copies:

17. ACCOUNTING AND APPROPRIATION DATA/ LOCAL USE <b>See Schedule</b>
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18. ITEM NO.	19. SCHEDULE OF SUPPLIES/ SERVICES	20. QUANTITY ORDERED/ ACCEPTED*	21. UNIT	22. UNIT PRICE	23. AMOUNT
<b>SEE SCHEDULE</b>					

* If quantity accepted by the Government is same as quantity ordered, indicate by X. If different, enter actual quantity accepted below quantity ordered and encircle	25. TOTAL \$141,166.00
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26. QUANTITY IN COLUMN 20 HAS BEEN <input type="checkbox"/> INSPECTED <input type="checkbox"/> RECEIVED <input type="checkbox"/> ACCEPTED, AND CONFORMS TO THE CONTRACT EXCEPT AS NOTED  DATE _____ SIGNATURE OF AUTHORIZED GOVT. REP. _____	27. SHIP NO.	28. DO VOUCHER NO.	30. INITIALS
36. I certify this account is correct and proper for payment.  DATE _____ SIGNATURE AND TITLE OF CERTIFYING OFFICER _____	31. PAYMENT <input type="checkbox"/> COMPLETE <input type="checkbox"/> PARTIAL <input type="checkbox"/> FINAL	32. PAID BY	33. AMOUNT VERIFIED CORRECT FOR
			34. CHECK NUMBER
			35. BILL OF LADING NO.

37. RECEIVED AT	38. RECEIVED BY	39. DATE RECEIVED (YYYYMMDD)	40. TOTAL CONTAINERS	41. S/R ACCOUNT NO.	42. S/R VOUCHER NO.
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**SECTION B Supplies or Services and Prices**

ITEM NO	SUPPLIES/SERVICES	MAX QUANTITY	UNIT	UNIT PRICE	MAX AMOUNT
0023	Option VI Provide the facility, insurance, build CPAF - Provide the facility, insurance, building maintenance, and parking, and security, telephone, Internet access and utility services for the MDDC Operation Site during the Option I period of performance. PURCHASE REQUEST NUMBER DH1B30200-01				\$ \$

	MAX COST	
	BASE FEE	
	SUBTOTAL MAX COST + BASE	\$141,166.00
	MAX AWARD FEE	\$0.00
	TOTAL MAX COST + FEE	\$141,166.00
ACRN AA Funded Amount		\$141,166.00

**SECTION G Contract Administration Data**

**ACCOUNTING AND APPROPRIATION DATA**

AA: 971 0400.2501 36-6011 P40603874C00 255Y DH1B130200 S01021  
DH1B130200/1HHN02/H (TO-0021)  
AMOUNT: \$141,166.00

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AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT				1. CONTRACT ID CODE	PAGE OF PAGES
				Y	1   2
2. AMENDMENT/MODIFICATION NO. 03	3. EFFECTIVE DATE 01-Apr-2002	4. REQUISITION/PURCHASE REQ. NO. TO 0022	5. PROJECT NO.(If applicable) DX-A2		
6. ADMINISTERED BY US ARMY SPACE AND MISSILE DEFENSE ██████████ P.O. BOX 1500 HUNTSVILLE AL 35807-3801	CODE W31RPD	7. ADMINISTERED BY (If other than item 6) DCM BIRMINGHAM BURGER PHILLIPS CENTER 1910 THIRD AVE., NORTH, RM. 201 BIRMINGHAM AL 35203-2376		CODE	S0101A
8. NAME AND ADDRESS OF CONTRACTOR (No., Street, County, State and Zip Code) CAS INC PO BOX 11190 HUNTSVILLE AL 35814				9A. AMENDMENT OF SOLICITATION NO.	
				9B. DATED (SEE ITEM 11)	
				X	10A. MOD. OF CONTRACT/ORDER NO. DASG60-99-D-0002-0022
CODE 4S077				X	10B. DATED (SEE ITEM 13) 20-Feb-2001
FACILITY CODE 4S077					
11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS					
<input type="checkbox"/> The above numbered solicitation is amended as set forth in Item 14. The hour and date specified for receipt of Offer <input type="checkbox"/> is extended, <input type="checkbox"/> is not extended.					
Offer must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation or as amended by one of the following methods: (a) By completing Items 8 and 15, and returning _____ copies of the amendment; (b) By acknowledging receipt of this amendment on each copy of the offer submitted; or (c) By separate letter or telegram which includes a reference to the solicitation and amendment numbers. FAILURE OF YOUR ACKNOWLEDGMENT TO BE RECEIVED AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATE SPECIFIED MAY RESULT IN REJECTION OF YOUR OFFER. If by virtue of this amendment you desire to change an offer already submitted, such change may be made by telegram or letter, provided each telegram or letter makes reference to the solicitation and this amendment, and is received prior to the opening hour and date specified.					
12. ACCOUNTING AND APPROPRIATION DATA (If required) See Schedule					
13. THIS ITEM APPLIES ONLY TO MODIFICATIONS OF CONTRACTS/ORDERS. IT MODIFIES THE CONTRACT/ORDER NO. AS DESCRIBED IN ITEM 14.					
A. THIS CHANGE ORDER IS ISSUED PURSUANT TO: (Specify authority) THE CHANGES SET FORTH IN ITEM 14 ARE MADE IN THE CONTRACT ORDER NO. IN ITEM 10A.					
B. THE ABOVE NUMBERED CONTRACT/ORDER IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES (such as changes in paying office, appropriation date, etc.) SET FORTH IN ITEM 14, PURSUANT TO THE AUTHORITY OF FAR 43.103(B).					
C. THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO AUTHORITY OF:					
X D. OTHER (Specify type of modification and authority) UNILATERAL; SECTION B-32, and SECTION H AWARD FEE EVALUATION; LIMITATION OF FUNDS, FAR 52.232-22					
E. IMPORTANT: Contractor <input checked="" type="checkbox"/> is not, <input type="checkbox"/> is required to sign this document and return _____ copies to the issuing office.					
14. DESCRIPTION OF AMENDMENT/MODIFICATION (Organized by UCF section headings, including solicitation/contract subject matter where feasible.) SEE CONTINUATION PAGES.  CONTRACT POC: ██████████  CONTRACTOR POC: ██████████					
Except as provided herein, all terms and conditions of the document referenced in Item 9A or 10A, as heretofore changed, remains unchanged and in full force and effect.					
15A. NAME AND TITLE OF SIGNER (Type or print)				16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print)	
15B. CONTRACTOR/OFFEROR				16B. UNITED STATES OF AMERICA	
15C. DATE SIGNED				16C. DATE SIGNED	
(Signature of person authorized to sign)				BY ██████████ 01-Apr-2002	

SECTION SF 30 BLOCK 14 CONTINUATION PAGE

SUMMARY OF CHANGES

Changes in Solicitation/Contract/Order Form

The total cost has decreased from \$498,601.00 by \$1,661.00 to \$496,940.00

Changes in Section B

SUB-CLIN 0006AA

The total CLIN cost has decreased from \$498,601.00 by \$1,661.00 to \$496,940.00

The pricing detail quantity has decreased from [REDACTED]

The award fee has decreased from [REDACTED]

Changes in Section G

Summary for the Payment Office

As a result of this modification, the total funded amount of the contract is decreased by \$1,661.00 from \$498,601.00 to \$496,940.00

CLIN :0006

AA: 9710400.2501 1BM-NMD1 40603871C00.2410-255Y Y21241A8Y2 S01021 (TO 0022)  
is decreased by \$1,661.00 from \$498,601.00 to \$496,940.00

# ORDER FOR SUPPLIES OR SERVICES

PAGE 1 OF

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1. CONTRACT/PURCH. ORDER/ ELEMENT NO. D. 60-99-D-0002	2. DELIVERY ORDER/ CALL NO. 002203	3. DATE OF ORDER/CALL 2001Feb20	4. REQ/ PURCH. REQUEST NO. TO 0022	5. PRIORITY
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6. ISSUED BY US ARMY SPACE AND MISSILE DEFENSE ██████████ P.O. BOX 1500 HUNTSVILLE AL 35807-3801	CODE W31RPD	7. ADMINISTERED BY DCM BIRMINGHAM BURGER PHILLIPS CENTER 1910 THIRD AVE., NORTH, RM. 201 BIRMINGHAM AL 35203-2376	CODE S0101A	8. DELIVERY FOB <input checked="" type="checkbox"/> DEST <input type="checkbox"/> OTHER  (See Schedule if other)
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9. CONTRACTOR CAS INC PO BOX 11190 HUNTSVILLE AL 35814	CODE 4S077	FACILITY 4S077	10. DELIVER TO FOB POINT BY (Date) <b>SEE SCHEDULE</b>	11. MARK IF BUSINESS IS <input checked="" type="checkbox"/> SMALL <input type="checkbox"/> SMALL DISADVANTAGED <input type="checkbox"/> WOMEN-OWNED	12. DISCOUNT TERMS	13. MAIL INVOICES TO THE ADDRESS IN BLOCK See Item 15
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14. SHIP TO <b>SEE SCHEDULE</b>	CODE	15. PAYMENT WILL BE MADE BY DFAS-COLUMBUS CENTER DFAS-CO/SOUTH ENTITLEMENT OPERATION P.O. BOX 182264 COLUMBUS OH 43218-2264	CODE HQ0338	MARK ALL PACKAGES AND PAPERS WITH IDENTIFICATION NUMBERS IN BLOCKS 1 AND 2.
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16. TYPE OF ORDER	DELIVERY/ CALL	<input checked="" type="checkbox"/>	This delivery order/call is issued on another Govt. agency or in accordance with and subject to terms and conditions of above numbered contract.	
	PURCHASE	<input type="checkbox"/>	Reference your quote dated _____ Furnish the following on terms specified herein.	
ACCEPTANCE. THE CONTRACTOR HEREBY ACCEPTS THE OFFER REPRESENTED BY THE NUMBERED PURCHASE ORDER AS IT MAY PREVIOUSLY HAVE BEEN OR IS NOW MODIFIED, SUBJECT TO ALL OF THE TERMS AND CONDITIONS SET FORTH, AND AGREES TO PERFORM THE SAME.				
NAME OF CONTRACTOR		SIGNATURE	TYPED NAME AND TITLE	DATE SIGNED (YYYYMMDD)
<input type="checkbox"/> If this box is marked, supplier must sign Acceptance and return the following number of copies:				

17. ACCOUNTING AND APPROPRIATION DATA/ LOCAL USE <b>See Schedule</b>					
18. ITEM NO.	19. SCHEDULE OF SUPPLIES/ SERVICES	20. QUANTITY ORDERED/ ACCEPTED*	21. UNIT	22. UNIT PRICE	23. AMOUNT
<b>SEE SCHEDULE</b>					

* If quantity accepted by the Government is same as quantity ordered, indicate by X. If different, enter actual quantity accepted below quantity ordered and encircle	24. UNITED STATES OF AMERICA ██████████ CONTRACTING / ORDERING OFFICER	25. TOTAL \$486,940.00	29. DIFFERENCES
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26. QUANTITY IN COLUMN 20 HAS BEEN <input type="checkbox"/> INSPECTED <input type="checkbox"/> RECEIVED <input type="checkbox"/> ACCEPTED, AND CONFORMS TO THE CONTRACT EXCEPT AS NOTED  DATE _____ SIGNATURE OF AUTHORIZED GOVT. REP. _____	27. SHIP NO. <input type="checkbox"/> PARTIAL <input type="checkbox"/> FINAL	28. DO VOUCHER NO.	30. INITIALS	33. AMOUNT VERIFIED CORRECT FOR
36. I certify this account is correct and proper for payment.  DATE _____ SIGNATURE AND TITLE OF CERTIFYING OFFICER _____	31. PAYMENT <input type="checkbox"/> COMPLETE <input type="checkbox"/> PARTIAL <input type="checkbox"/> FINAL		32. PAID BY	
			34. CHECK NUMBER	
				35. BILL OF LADING NO.

37. RECEIVED AT	38. RECEIVED BY	39. DATE RECEIVED (YYYYMMDD)	40. TOTAL CONTAINERS	41. S/R ACCOUNT NO.	42. S/R VOUCHER NO.
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SECTION B Supplies or Services and Prices

ITEM NO	SUPPLIES/SERVICES	MAX QUANTITY	UNIT	UNIT PRICE	MAX AMOUNT
0006	Option I - Statement of Work SW-TC-S-36-97 CPAF - Statement of Work SW-TC-S-36-97, titled "Missile Defense Data Center", dated 9 Sep 98, except paragraphs 4.7, 4.9.1, 4.10.1 and 4.11, incorporated herein and attached as set forth in Part III, Section J, hereof. PURCHASE REQUEST NUMBER TO 0022				\$ \$
				MAX COST	\$0.00
				BASE FEE	\$0.00
				SUBTOTAL MAX COST + BASE	\$0.00
				MAX AWARD FEE	\$0.00
				TOTAL MAX COST + FEE	\$0.00
	ACRN AA Funded Amount				\$496,940.00

ITEM NO	SUPPLIES/SERVICES	QUANTITY	UNIT	UNIT PRICE	AMOUNT
0006AA	Option I - Statement of Work SW-TC-S-36-97 CPAF - Statement of Work SW-TC-S-36-97, titled "Missile Defense Data Center", dated 9 Sep 98, except paragraphs 4.7, 4.9.1, 4.10.1 and 4.11, incorporated herein and attached as set forth in Part III, Section J, hereof.		DPPH		\$ \$
				ESTIMATED COST	
				BASE FEE	
				SUBTOTAL EST COST + BASE	\$464,596.00
				MAX EARNED AWARD FEE	\$32,344.00
				TOTAL EST COST + FEE	\$496,940.00

ESTIMATED TRAVEL: Under no circumstances shall the contractor incur travel costs in excess of the NTE amount stated herein. TOTAL NTE: \$5,314

Missile Defense Data Center (MDDC) Support for  
National Missile Defense Joint Program Office (NMD JPO)  
System Test and Evaluation (T & E) Data Management

The NMD JPO System T & E Office is the Data Manager for all NMD Integrated Flight Test (IFT) and Integrated Ground Test (IGT) data. The MDDC serves as the central repository for the NMD JPO data products. The following is a detailed list of the MDDC's responsibilities to the Data Manager:

1. The MDDC has the overall responsibility for configuration management of the NMD mission data products.
2. The MDDC will distribute pre-mission and post-mission data products upon receipt as specified in the NMD IFT and IGT Data Management Plans (DMPs).
3. Upon receipt of NMD JPO data products, the MDDC will catalogue the data in an online database, verify the data for integrity, convert the data to the specified media format for distribution, analyze the data when required, and enter the data into the data storage system.
4. The MDDC will perform primary data distribution to the organizations that have been pre-approved in the DMP by the Data Manager.
5. The MDDC will provide data products on the media and in the formats specified in the DMP.
6. The MDDC will receive User Data Requests from other Government Agencies and their contractors and subcontractors, verify their facility and personnel security clearances and need-to-know. The MDDC shall coordinate with the Data Manager for approval to produce and make secondary data distribution to these other Government Agencies or their contractors.
7. The MDDC shall produce and distribute NMD data products (Level 0 – Level 2) in custom data sets and formats on CD, 4mm or 8mm tape, VHS or SVHS video tapes, diskettes, etc. in the format desired by the requestor, after approval by the Data Manager. This effort shall include but not be limited to the following:
  - Digitize analog telemetric data into a form that can easily be stored on a variety of digital media. This can involve digitizing legacy data currently stored on analog tapes to increase the life of the media.
  - Provide consulting services concerning the content, integrity and interpretation of telemetry data.
  - Provide a center for resources concerning telemetric techniques and the application of those techniques.

- Provide a center for information about specific telemetric data from specific programs.
  - Provide for visualization of extracted telemetric data for the purpose of verification, comparisons and the creation of presentations.
8. The MDDC shall provide subject matter expertise to advise and support data users in accessing (locating), retrieving, analyzing and visualizing the data in the MDDC that are potentially pertinent to the user's mission or objective. This support includes, but will not be limited to:
- Advise users on existing data and as to the status of data in the MDDC.
  - Advise users as to the potential applicability of data and documents in the MDDC for the their particular mission.
  - Support and advise users with data analysis, reduction, and visualization in the MDDC.
  - Participate in the NMD Working Groups.
  - Modify or develop, and test computer, network, telemetry, and video hardware that is suitable for accepting, analyzing, copying, digitizing, storing, retrieving, processing, displaying, printing, and exchanging data and documents in the MDDC.
9. For post-mission efforts, the MDDC will provide the Data Manager a weekly status of all data received by and transmitted from the MDDC.
10. The MDDC will archive all NMD data products for long-term storage. A backup copy will be made on long term media for off-site storage in case of natural or man-made disaster. The Data Manager will approve or disapprove of the off-site storage location.

Enclosure

SECTION G Contract Administration Data

ACCOUNTING AND APPROPRIATION DATA

AA: 9710400.2501 1BM-NMD1 40603871C00.2410-255Y Y21241A8Y2 S01021 (TO 0022) 000000000000  
AMOUNT: \$496,940.00

# ORDER FOR SUPPLIES OR SERVICES

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1. TRACT/PURCH. ORDER/ ELEMENT NO. 660-99-D-0002	2. DELIVERY ORDER/ CALL NO. 002202	3. DATE OF ORDER/CALL 2001Feb20	4. REQ/ PURCH. REQUEST NO. TO 0022.
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ISSUED BY US ARMY SPACE AND MISSILE DEFENSE P.O. BOX 1500 HUNTSVILLE AL 35807-3801	CODE W31RPD	7. ADMINISTERED BY DCM BIRMINGHAM BURGER PHILLIPS CENTER 1910 THIRD AVE., NORTH, RM. 201 BIRMINGHAM AL 35203-2376	CODE S0101A
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9. CONTRACTOR CAS INC PO BOX 11190 HUNTSVILLE AL 35814	CODE 4S077	FACILITY 4S077	10. DELIVER TO FOB POINT BY (Date) <b>SEE SCHEDULE</b>	12. DISCOUNT TERMS	11. MARK IF BUSINESS IS <input checked="" type="checkbox"/> SMALL <input type="checkbox"/> SMALL DISADVANTAGED <input type="checkbox"/> WOMEN-OWNED
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14. SHIP TO <b>SEE SCHEDULE</b>	CODE	15. PAYMENT WILL BE MADE BY DFAS-COLUMBUS CENTER DFAS-CO/SOUTH ENTITLEMENT OPERATION P.O. BOX 182264 COLUMBUS OH 43218-2264	CODE HQ0338	13. MAIL INVOICES TO THE ADDRESS IN BLOCK See Item 15	<b>MARK ALL PACKAGES AND PAPERS WITH IDENTIFICATION NUMBERS IN BLOCKS 1 AND 2.</b>
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16. TYPE OF ORDER	DELIVERY/ CALL	<input checked="" type="checkbox"/>	This delivery order/call is issued on another Govt. agency or in accordance with and subject to terms and conditions of above numbered contract.
	PURCHASE		Reference your quote dated

ACCEPTANCE. THE CONTRACTOR HEREBY ACCEPTS THE OFFER REPRESENTED BY THE NUMBERED PURCHASE ORDER AS IT MAY PREVIOUSLY HAVE BEEN OR IS NOW MODIFIED, SUBJECT TO ALL OF THE TERMS AND CONDITIONS SET FORTH, AND AGREES TO PERFORM THE SAME.

NAME OF CONTRACTOR	SIGNATURE	TYPED NAME AND TITLE	DATE SIGNED (YYYYMMDD)
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If this box is marked, supplier must sign Acceptance and return the following number of copies:

17. ACCOUNTING AND APPROPRIATION DATA/ LOCAL USE  
**See Schedule**

18. ITEM NO.	19. SCHEDULE OF SUPPLIES/ SERVICES	20. QUANTITY ORDERED/ ACCEPTED*	21. UNIT	22. UNIT PRICE	23. AMOUNT
<b>SEE SCHEDULE</b>					

\* If quantity accepted by the Government is same as quantity ordered, indicate by X. If different, enter actual quantity accepted below quantity ordered and encircle

26. QUANTITY IN COLUMN 20 HAS BEEN <input type="checkbox"/> INSPECTED <input type="checkbox"/> RECEIVED <input type="checkbox"/> ACCEPTED, AND CONFORMS TO THE CONTRACT EXCEPT AS NOTED	25. TOTAL \$498,601.00
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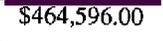
DATE	SIGNATURE OF AUTHORIZED GOVT. REP.	27. SHIP NO.	28. DO VOUCHER NO.
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36. I certify this account is correct and proper for payment.	DATE	SIGNATURE AND TITLE OF CERTIFYING OFFICER	29. DIFFERENCES
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38. RECEIVED BY	39. DATE RECEIVED (YYYYMMDD)	40. TOTAL CONTAINERS	41. S/R ACCOUNT NO.	33. AMOUNT VERIFIED CORRECT FOR	34. CHECK NUMBER	35. BILL OF LADING NO.	42. S/R VOUCHER NO.
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SECTION B Supplies or Services and Prices

ITEM NO	SUPPLIES/SERVICES	MAX QUANTITY	UNIT	UNIT PRICE	MAX AMOUNT
0006	Option I - Statement of Work SW-TC-S-36-97 CPAF - Statement of Work SW-TC-S-36-97, titled "Missile Defense Data Center", dated 9 Sep 98, except paragraphs 4.7, 4.9.1, 4.10.1 and 4.11, incorporated herein and attached as set forth in Part III, Section J, hereof. PURCHASE REQUEST NUMBER TO 0022				
				MAX COST	\$0.00
				BASE FEE	\$0.00
				SUBTOTAL MAX COST + BASE	\$0.00
				MAX AWARD FEE	\$0.00
				TOTAL MAX COST + FEE	\$0.00

ITEM NO	SUPPLIES/SERVICES	QUANTITY	UNIT	UNIT PRICE	AMOUNT
0006AA	Option I - Statement of Work SW-TC-S-36-97 CPAF - Statement of Work SW-TC-S-36-97, titled "Missile Defense Data Center", dated 9 Sep 98, except paragraphs 4.7, 4.9.1, 4.10.1 and 4.11, incorporated herein and attached as set forth in Part III, Section J, hereof.				
				ESTIMATED COST	
				BASE FEE	
				SUBTOTAL EST COST + BASE	\$464,596.00
				MAX AWARD FEE	\$34,005.00
				TOTAL EST COST + FEE	\$498,601.00
	ACRN AA Funded Amount				\$498,601.00

Missile Defense Data Center (MDDC) Support for  
National Missile Defense Joint Program Office (NMD JPO)  
System Test and Evaluation (T & E) Data Management

The NMD JPO System T & E Office is the Data Manager for all NMD Integrated Flight Test (IFT) and Integrated Ground Test (IGT) data. The MDDC serves as the central repository for the NMD JPO data products. The following is a detailed list of the MDDC's responsibilities to the Data Manager:

1. The MDDC has the overall responsibility for configuration management of the NMD mission data products.
2. The MDDC will distribute pre-mission and post-mission data products upon receipt as specified in the NMD IFT and IGT Data Management Plans (DMPs).
3. Upon receipt of NMD JPO data products, the MDDC will catalogue the data in an online database, verify the data for integrity, convert the data to the specified media format for distribution, analyze the data when required, and enter the data into the data storage system.
4. The MDDC will perform primary data distribution to the organizations that have been pre-approved in the DMP by the Data Manager.
5. The MDDC will provide data products on the media and in the formats specified in the DMP.
6. The MDDC will receive User Data Requests from other Government Agencies and their contractors and subcontractors, verify their facility and personnel security clearances and need-to-know. The MDDC shall coordinate with the Data Manager for approval to produce and make secondary data distribution to these other Government Agencies or their contractors.
7. The MDDC shall produce and distribute NMD data products (Level 0 – Level 2) in custom data sets and formats on CD, 4mm or 8mm tape, VHS or SVHS video tapes, diskettes, etc. in the format desired by the requestor, after approval by the Data Manager. This effort shall include but not be limited to the following:
  - Digitize analog telemetric data into a form that can easily be stored on a variety of digital media. This can involve digitizing legacy data currently stored on analog tapes to increase the life of the media.
  - Provide consulting services concerning the content, integrity and interpretation of telemetry data.
  - Provide a center for resources concerning telemetric techniques and the application of those techniques.

- Provide a center for information about specific telemetric data from specific programs.
  - Provide for visualization of extracted telemetric data for the purpose of verification, comparisons and the creation of presentations.
8. The MDDC shall provide subject matter expertise to advise and support data users in accessing (locating), retrieving, analyzing and visualizing the data in the MDDC that are potentially pertinent to the user's mission or objective. This support includes, but will not be limited to:
- Advise users on existing data and as to the status of data in the MDDC.
  - Advise users as to the potential applicability of data and documents in the MDDC for the their particular mission.
  - Support and advise users with data analysis, reduction, and visualization in the MDDC.
  - Participate in the NMD Working Groups.
  - Modify or develop, and test computer, network, telemetry, and video hardware that is suitable for accepting, analyzing, copying, digitizing, storing, retrieving, processing, displaying, printing, and exchanging data and documents in the MDDC.
9. For post-mission efforts, the MDDC will provide the Data Manager a weekly status of all data received by and transmitted from the MDDC.
10. The MDDC will archive all NMD data products for long-term storage. A backup copy will be made on long term media for off-site storage in case of natural or man-made disaster. The Data Manager will approve or disapprove of the off-site storage location.

Enclosure

SECTION G Contract Administration Data

ACCOUNTING AND APPROPRIATION DATA

AA:	9710400.2501 IBM-NMD1 40603871C00.2410-255Y Y21241A8Y2 S01021 (TO 0022)	000000000000
AMOUNT:	\$498,601.00	

AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT			1. CONTRACT ID CODE	PAGE OF PAGES	
			0	1	2
2. AMENDMENT/MODIFICATION NO. 02	3. EFFECTIVE DATE 24-Aug-2001	4. REQUISITION/PURCHASE REQ. NO. TO 0022	5. PROJECT NO.(If applicable)		
6. ISSUED BY US ARMY SPACE AND MISSILE DEFENSE ██████████ P.O. BOX 1500 HUNTSVILLE AL 35807-3801	CODE W31RPD	7. ADMINISTERED BY (If other than item 6) DCM BIRMINGHAM BURGER PHILLIPS CENTER 1910 THIRD AVE., NORTH, RM. 201 BIRMINGHAM AL 35203-2376		CODE S0101A	
8. NAME AND ADDRESS OF CONTRACTOR (No., Street, County, State and Zip Code) CAS INC PO BOX 11190 HUNTSVILLE AL 35814			9A. AMENDMENT OF SOLICITATION NO.		
			9B. DATED (SEE ITEM 11)		
CODE 4S077			X 10A. MOD. OF CONTRACT/ORDER NO. DASG60-99-D-0002-0022		
FACILITY CODE 4S077			X 10B. DATED (SEE ITEM 13) 20-Feb-2001		
11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS					
<input type="checkbox"/> The above numbered solicitation is amended as set forth in Item 14. The hour and date specified for receipt of Offer <input type="checkbox"/> is extended, <input type="checkbox"/> is not extended.					
<p>Offer must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation or as amended by one of the following methods:</p> <p>(a) By completing Items 8 and 15, and returning _____ copies of the amendment; (b) By acknowledging receipt of this amendment on each copy of the offer submitted; or (c) By separate letter or telegram which includes a reference to the solicitation and amendment numbers. FAILURE OF YOUR ACKNOWLEDGMENT TO BE RECEIVED AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATE SPECIFIED MAY RESULT IN REJECTION OF YOUR OFFER. If by virtue of this amendment you desire to change an offer already submitted, such change may be made by telegram or letter, provided each telegram or letter makes reference to the solicitation and this amendment, and is received prior to the opening hour and date specified.</p>					
12. ACCOUNTING AND APPROPRIATION DATA (If required)					
13. THIS ITEM APPLIES ONLY TO MODIFICATIONS OF CONTRACTS/ORDERS. IT MODIFIES THE CONTRACT/ORDER NO. AS DESCRIBED IN ITEM 14.					
A. THIS CHANGE ORDER IS ISSUED PURSUANT TO: (Specify authority) THE CHANGES SET FORTH IN ITEM 14 ARE MADE IN THE CONTRACT ORDER NO. IN ITEM 10A.					
B. THE ABOVE NUMBERED CONTRACT/ORDER IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES (such as changes in paying office, appropriation date, etc.) SET FORTH IN ITEM 14, PURSUANT TO THE AUTHORITY OF FAR 43.103(B).					
C. THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO AUTHORITY OF:					
X D. OTHER (Specify type of modification and authority) BILATERAL; FAR 43.103 (a)(3)					
E. IMPORTANT: Contractor <input type="checkbox"/> is not, <input checked="" type="checkbox"/> is required to sign this document and return <u>1</u> copies to the issuing office.					
14. DESCRIPTION OF AMENDMENT/MODIFICATION (Organized by UCF section headings, including solicitation/contract subject matter where feasible.) SEE CONTINUATION PAGES.					
CONTRACT POC: ██████████					
CONTRACTOR POC: ██████████					
Except as provided herein, all terms and conditions of the document referenced in Item 9A or 10A, as heretofore changed, remains unchanged and in full force and effect.					
15A. NAME AND TITLE OF SIGNER (Type or print)			16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print)		
15B. CONTRACTOR/OFFEROR			16B. DATE SIGNED		16C. DATE SIGNED
_____ (Signature of person authorized to sign)			_____ (Signature of Contracting Officer)		30-Aug-2001

SECTION SF 30 BLOCK 14 CONTINUATION PAGE

SUMMARY OF CHANGES

Changes in Section C

The period of performance is from date of execution of this Task Order to 19 Oct 2001.

Changes in Section G

Summary for the Payment Office

The total funded amount of the contract remains unchanged.

AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT				1. CONTRACT ID CODE	PAGE OF PAGES	
				0	1	3
2. AMENDMENT/MODIFICATION NO. 01		3. EFFECTIVE DATE 18-Jul-2001	4. REQUISITION/PURCHASE REQ. NO. TO 0022		5. PROJECT NO.(If applicable)	
ISSUED BY US ARMY SPACE AND MISSILE DEFENSE [REDACTED] P.O. BOX 1500 HUNTSVILLE AL 35807-3801		CODE W31RPD	7. ADMINISTERED BY (If other than item 6) DCM BIRMINGHAM BURGER PHILLIPS CENTER 1910 THIRD AVE., NORTH, RM. 201 BIRMINGHAM AL 35203-2376		CODE S0101A	
8. NAME AND ADDRESS OF CONTRACTOR (No., Street, County, State and Zip Code) GAS INC PO BOX 11190 HUNTSVILLE AL 35814				9A. AMENDMENT OF SOLICITATION NO.		
				9B. DATED (SEE ITEM 11)		
				X 10A. MOD. OF CONTRACT/ORDER NO. DASG60-99-D-0002-0022		
				X 10B. DATED (SEE ITEM 13) 20-Feb-2001		
CODE 4S077		FACILITY CODE				
11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS						
<input type="checkbox"/> The above numbered solicitation is amended as set forth in Item 14. The hour and date specified for receipt of Offer <input type="checkbox"/> is extended, <input type="checkbox"/> is not extended. Offer must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation or as amended by one of the following methods: (a) By completing Items 8 and 15, and returning _____ copies of the amendment; (b) By acknowledging receipt of this amendment on each copy of the offer submitted; or (c) By separate letter or telegram which includes a reference to the solicitation and amendment numbers. FAILURE OF YOUR ACKNOWLEDGMENT TO BE RECEIVED AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATE SPECIFIED MAY RESULT IN REJECTION OF YOUR OFFER. If by virtue of this amendment you desire to change an offer already submitted, such change may be made by telegram or letter, provided each telegram or letter makes reference to the solicitation and this amendment, and is received prior to the opening hour and date specified.						
12. ACCOUNTING AND APPROPRIATION DATA (If required)						
13. THIS ITEM APPLIES ONLY TO MODIFICATIONS OF CONTRACTS/ORDERS. IT MODIFIES THE CONTRACT/ORDER NO. AS DESCRIBED IN ITEM 14.						
A. THIS CHANGE ORDER IS ISSUED PURSUANT TO: (Specify authority) THE CHANGES SET FORTH IN ITEM 14 ARE MADE IN THE CONTRACT ORDER NO. IN ITEM 10A.						
B. THE ABOVE NUMBERED CONTRACT/ORDER IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES (such as changes in paying office, appropriation date, etc.) SET FORTH IN ITEM 14, PURSUANT TO THE AUTHORITY OF FAR 43.103(B).						
C. THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO AUTHORITY OF:						
X D. OTHER (Specify type of modification and authority) UNILATERAL; FAR 43.103 (b) and Limitation of Funds Clause FAR 52.232-22						
E. IMPORTANT: Contractor <input checked="" type="checkbox"/> is not, <input type="checkbox"/> is required to sign this document and return _____ copies to the issuing office.						
14. DESCRIPTION OF AMENDMENT/MODIFICATION (Organized by UCF section headings, including solicitation/contract subject matter where feasible.) SEE CONTINUATION PAGES.  CONTRACT POC: [REDACTED]  CONTRACTOR POC: [REDACTED]						
Except as provided herein, all terms and conditions of the document referenced in Item 9A or 10A, as heretofore changed, remains unchanged and in full force and effect.						
15A. NAME AND TITLE OF SIGNER (Type or print)				16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print)		
15B. CONTRACTOR/OFFEROR				16B. UNITED STATES OF AMERICA		16C. DATE SIGNED
(Signature of person authorized to sign)				BY [REDACTED]		18-Jul-2001
15C. DATE SIGNED						

EXCEPTION TO SF 30  
APPROVED BY OIRM 11-84

30-105-04

STANDARD FORM 30 (Rev. 10-83)  
Prescribed by GSA  
FAR (48 CFR) 53.243

SECTION SF 30 BLOCK 14 CONTINUATION PAGE

SUMMARY OF CHANGES

Changes in Solicitation/Contract/Order Form

The issued by organization has changed from  
US ARMY SPACE AND MISSILE DEFENSE COMMAND

[REDACTED]  
[REDACTED]  
PO BOX 1500  
HUNTSVILLE, AL 35807-3801

to  
US ARMY SPACE AND MISSILE DEFENSE COMMAND

[REDACTED]  
[REDACTED]  
P.O. BOX 1500  
HUNTSVILLE, AL 35807-3801

Changes in Section B

CLIN 0006

The total CLIN cost has decreased from \$498,601.00 by \$498,601.00 to \$0.00

The CLIN type has changed from priced to informational

The base fee has decreased from [REDACTED]

The award fee has decreased from [REDACTED]

The estimated/max cost has decreased from [REDACTED]

SUB-CLIN 0006AA was added.

ITEM NO	SUPPLIES/SERVICES	QUANTITY	UNIT	UNIT PRICE	AMOUNT
0006AA	Option I - Statement of Work SW-TC-S-36-97 CPAF - Statement of Work SW-TC-S-36-97, titled "Missile Defense Data Center", dated 9 Sep 98, except paragraphs 4.7, 4.9.1, 4.10.1 and 4.11, incorporated herein and attached as set forth in Part III, Section J, hereof.				

ESTIMATED COST	
BASE FEE	
SUBTOTAL EST COST + BASE	\$464,596.00
MAX AWARD FEE	\$34,005.00
TOTAL EST COST + FEE	\$498,601.00
ACRN AA Funded Amount	\$498,601.00

ESTIMATED TRAVEL: Under no circumstances shall the contractor incur travel costs in excess of the NTE amount stated herein. TOTAL NTE: \$5,314

Changes in Section G

Summary for the Payment Office

The total funded amount of the contract remains unchanged.

# ORDER FOR SUPPLIES OR SERVICES

PAGE 1 OF

7

1. CONTRACT/PURCH. ORDER/ AGREEMENT NO. DASG60-99-D-0002	2. DELIVERY ORDER/ CALL NO. 002201	3. DATE OF ORDER/CALL 2001Feb20	4. REQ./PURCH. REQUEST NO. TO 0022	5. PRIORITY
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6. ISSUED BY US ARMY SPACE AND MISSILE DEFENSE ██████████ P.O. BOX 1500 HUNTSVILLE AL 35807-3801	CODE W31RPD	7. ADMINISTERED BY DCM BIRMINGHAM BURGER PHILLIPS CENTER 1910 THIRD AVE., NORTH, RM. 201 BIRMINGHAM AL 35203-2376	CODE S0101A
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8. DELIVERY FOB <input checked="" type="checkbox"/> DEST <input type="checkbox"/> OTHER  (See Schedule if other)
--

9. CONTRACTOR CAS INC PO BOX 11190 HUNTSVILLE AL 35814	CODE 4S077	FACILITY 4S077	10. DELIVER TO FOB POINT BY (Date) <b>SEE SCHEDULE</b>	11. MARK IF BUSINESS IS <input checked="" type="checkbox"/> SMALL <input type="checkbox"/> SMALL DISADVANTAGED <input type="checkbox"/> WOMEN-OWNED
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12. DISCOUNT TERMS
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13. MAIL INVOICES TO THE ADDRESS IN BLOCK See Item 15
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14. SHIP TO <b>SEE SCHEDULE</b>	CODE	15. PAYMENT WILL BE MADE BY DFAS-COLUMBUS CENTER DFAS-CO/SOUTH ENTITLEMENT OPERATION P.O. BOX 182264 COLUMBUS OH 43218-2264	CODE HQ0338	MARK ALL PACKAGES AND PAPERS WITH IDENTIFICATION NUMBERS IN BLOCKS 1 AND 2.
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16. TYPE OF ORDER	DELIVERY/ CALL	<input checked="" type="checkbox"/>	This delivery order/call is issued on another Govt. agency or in accordance with and subject to terms and conditions of above numbered contract.
	PURCHASE		Reference your quote dated _____ Furnish the following on terms specified herein.

ACCEPTANCE. THE CONTRACTOR HEREBY ACCEPTS THE OFFER REPRESENTED BY THE NUMBERED PURCHASE ORDER AS IT MAY PREVIOUSLY HAVE BEEN OR IS NOW MODIFIED, SUBJECT TO ALL OF THE TERMS AND CONDITIONS SET FORTH, AND AGREES TO PERFORM THE SAME.

NAME OF CONTRACTOR	SIGNATURE	TYPED NAME AND TITLE	DATE SIGNED (YYYYMMDD)
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If this box is marked, supplier must sign Acceptance and return the following number of copies:

17. ACCOUNTING AND APPROPRIATION DATA/ LOCAL USE  
**See Schedule**

18. ITEM NO.	19. SCHEDULE OF SUPPLIES/ SERVICES	20. QUANTITY ORDERED/ ACCEPTED*	21. UNIT	22. UNIT PRICE	23. AMOUNT
<b>SEE SCHEDULE</b>					

* If quantity accepted by the Government is same as quantity ordered, indicate by X. If different, enter actual quantity accepted below quantity ordered and encircle	24. UNITED STATES OF AMERICA ██████████	25. TOTAL \$498,601.00	29. DIFFERENCES
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26. QUANTITY IN COLUMN 20 HAS BEEN <input type="checkbox"/> INSPECTED <input type="checkbox"/> RECEIVED <input type="checkbox"/> ACCEPTED, AND CONFORMS TO THE CONTRACT EXCEPT AS NOTED  DATE _____ SIGNATURE OF AUTHORIZED GOVT. REP. _____	27. SHIP NO.	28. DO VOUCHER NO.	30. INITIALS
---	--------------	--------------------	--------------

36. I certify this account is correct and proper for payment.  DATE _____ SIGNATURE AND TITLE OF CERTIFYING OFFICER _____	31. PAYMENT <input type="checkbox"/> COMPLETE <input type="checkbox"/> PARTIAL <input type="checkbox"/> FINAL	32. PAID BY	33. AMOUNT VERIFIED CORRECT FOR
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37. RECEIVED AT	38. RECEIVED BY	39. DATE RECEIVED (YYYYMMDD)	40. TOTAL CONTAINERS	41. S/R ACCOUNT NO.	42. S/R VOUCHER NO.
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SECTION B Supplies or Services and Prices

ITEM NO	SUPPLIES/SERVICES	MAX QUANTITY	UNIT	UNIT PRICE	MAX AMOUNT
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0006

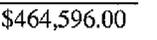
Option I - Statement of Work SW-TC-S-36-97  
 CPAF - Statement of Work SW-TC-S-36-97, titled "Missile Defense Data Center", dated 9 Sep 98, except paragraphs 4.7, 4.9.1, 4.10.1 and 4.11, incorporated herein and attached as set forth in Part III, Section J, hereof.  
 PURCHASE REQUEST NUMBER TO 0022

	MAX COST	\$0.00
	BASE FEE	\$0.00
	SUBTOTAL MAX COST + BASE	\$0.00
	MAX AWARD FEE	\$0.00
	TOTAL MAX COST + FEE	\$0.00

ITEM NO	SUPPLIES/SERVICES	QUANTITY	UNIT	UNIT PRICE	AMOUNT
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0006AA

Option I - Statement of Work SW-TC-S-36-97  
 CPAF - Statement of Work SW-TC-S-36-97, titled "Missile Defense Data Center", dated 9 Sep 98, except paragraphs 4.7, 4.9.1, 4.10.1 and 4.11, incorporated herein and attached as set forth in Part III, Section J, hereof.

	ESTIMATED COST	
	BASE FEE	
	SUBTOTAL EST COST + BASE	\$464,596.00
	MAX AWARD FEE	\$34,005.00
	TOTAL EST COST + FEE	\$498,601.00

ACRN AA Funded Amount

\$498,601.00

**ESTIMATED TRAVEL:** Under no circumstances shall the contractor incur travel costs in excess of the NTE amount stated herein. **TOTAL NTE: \$5,314**

## SECTION C Descriptions and Specifications

WHEREAS, the contractor is to complete the attached Missile Defense Data Center (MDDC) Support for National Missile Defense Joint Program Office (NMD JPO) System Test and Evaluation (T&E) Data Management; and

WHEREAS, the maximum Direct Productive Person Hours (DPPHs) for this effort under Task Order No. 0022 is [REDACTED] and

WHEREAS, the period of performance is from date of execution of this Task Order to 17 August 2001.

NOW, THEREFORE, the contract is modified as follows:

5. PART I, SECTION G, Paragraph G-30, **CONTRACT ADMINISTRATION DATA**, is hereby modified to add ACRN AA under Task Order #0022 as follows:

ACRN: AA  
 ACCT CLASS: 9710400.2501 1BM-NMD1 40603871C00.2410-255Y Y21241A8Y2 S01021  
 Y212418Y2/1Y2241/Y23  
 ORDER NO: Y2-1-241A8Y2-01 FUNDED AMT: \$498,601  
 CUMULATIVE AMT: \$498,601(NMD JPO System T&E Data Mgmt)

6. PART I, SECTION G, Paragraph G-9, **IMPLEMENTATION OF AND EXPLANATION OF THE RELATIONSHIP OF THE LIMITATION OF FUNDS (LOF) CLAUSE TO FEE OBLIGATIONS**: Additional funding in the amount of \$498,601 hereby allotted to fund the estimated cost and fees of the contract as follows:

**CLIN 0006**

Amount Required for Full Funding:	\$2,069,260
Estimated Cost, Exclusive of Fee:	[REDACTED]
Base Fee:	[REDACTED]
Estimated Cost Plus Base Fee:	\$ 464,596
Maximum Award Fee:	\$ 34,005
Total Estimated Cost, Base Fee, and Maximum Award Fee:	\$ 498,601
Prior Amount Funded:	\$1,462,812
Cumulative Amount Funded:	\$1,961,413
Net Required for Full Funding (UNFUNDED):	\$ 107,847

**Missile Defense Data Center (MDDC) Support for  
National Missile Defense Joint Program Office (NMD JPO)  
System Test and Evaluation (T & E) Data Management**

The NMD JPO System T & E Office is the Data Manager for all NMD Integrated Flight Test (IFT) and Integrated Ground Test (IGT) data. The MDDC serves as the central repository for the NMD JPO data products. The following is a detailed list of the MDDC's responsibilities to the Data Manager:

1. The MDDC has the overall responsibility for configuration management of the NMD mission data products.
2. The MDDC will distribute pre-mission and post-mission data products upon receipt as specified in the NMD IFT and IGT Data Management Plans (DMPs).
3. Upon receipt of NMD JPO data products, the MDDC will catalogue the data in an online database, verify the data for integrity, convert the data to the specified media format for distribution, analyze the data when required, and enter the data into the data storage system.
4. The MDDC will perform primary data distribution to the organizations that have been pre-approved in the DMP by the Data Manager.
5. The MDDC will provide data products on the media and in the formats specified in the DMP.
6. The MDDC will receive User Data Requests from other Government Agencies and their contractors and subcontractors, verify their facility and personnel security clearances and need-to-know. The MDDC shall coordinate with the Data Manager for approval to produce and make secondary data distribution to these other Government Agencies or their contractors.
7. The MDDC shall produce and distribute NMD data products (Level 0 – Level 2) in custom data sets and formats on CD, 4mm or 8mm tape, VHS or SVHS video tapes, diskettes, etc. in the format desired by the requestor, after approval by the Data Manager. This effort shall include but not be limited to the following:
  - Digitize analog telemetric data into a form that can easily be stored on a variety of digital media. This can involve digitizing legacy data currently stored on analog tapes to increase the life of the media.
  - Provide consulting services concerning the content, integrity and interpretation of telemetry data.
  - Provide a center for resources concerning telemetric techniques and the application of those techniques.

- Provide a center for information about specific telemetric data from specific programs.
  - Provide for visualization of extracted telemetric data for the purpose of verification, comparisons and the creation of presentations.
8. The MDDC shall provide subject matter expertise to advise and support data users in accessing (locating), retrieving, analyzing and visualizing the data in the MDDC that are potentially pertinent to the user's mission or objective. This support includes, but will not be limited to:
- Advise users on existing data and as to the status of data in the MDDC.
  - Advise users as to the potential applicability of data and documents in the MDDC for the their particular mission.
  - Support and advise users with data analysis, reduction, and visualization in the MDDC.
  - Participate in the NMD Working Groups.
  - Modify or develop, and test computer, network, telemetry, and video hardware that is suitable for accepting, analyzing, copying, digitizing, storing, retrieving, processing, displaying, printing, and exchanging data and documents in the MDDC.
9. For post-mission efforts, the MDDC will provide the Data Manager a weekly status of all data received by and transmitted from the MDDC.
10. The MDDC will archive all NMD data products for long-term storage. A backup copy will be made on long term media for off-site storage in case of natural or man-made disaster. The Data Manager will approve or disapprove of the off-site storage location.

Enclosure

SECTION G Contract Administration Data

ACCOUNTING AND APPROPRIATION DATA

AA: 9710400.2501 1BM-NMD1 40603871C00.2410-255Y Y21241A8Y2 S01021 (TO 0022) 000000000000  
AMOUNT: \$498,601.00

# ORDER FOR SUPPLIES OR SERVICES

PAGE 1 OF  
6

1. CONTRACT/PURCH. ORDER/ AGREEMENT NO. 660-99-D-0002	2. DELIVERY ORDER/ CALL NO. 0022	3. DATE OF ORDER/CALL 2001Feb20	4. REQ./ PURCH. REQUEST NO. TO 0022
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ISSUED BY US ARMY SPACE AND MISSILE DEFENSE [REDACTED] PO BOX 1500 HUNTSVILLE AL 35807-3801	CODE W31RPD	7. ADMINISTERED BY DCM BIRMINGHAM BURGER PHILLIPS CENTER 1910 THIRD AVE., NORTH, RM. 201 BIRMINGHAM AL 35203-2376	CODE S0101A
---	----------------	---	----------------

9. CONTRACTOR CAS INC [REDACTED] PO BOX 11190 HUNTSVILLE AL 35814	CODE 4S077	FACILITY	10. DELIVER TO FOB POINT BY (Date) <b>SEE SCHEDULE</b>	11. MARK IF BUSINESS IS <input type="checkbox"/> SMALL <input type="checkbox"/> SMALL DISADVANTAGED <input type="checkbox"/> WOMEN-OWNED
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14. SHIP TO <b>SEE SCHEDULE</b>	CODE	15. PAYMENT WILL BE MADE BY DFAS-COLUMBUS CENTER DFAS-CO/SOUTH ENTITLEMENT OPERATION P.O. BOX 182264 COLUMBUS OH 43218-2264	CODE HQ0338	13. MAIL INVOICES TO THE ADDRESS IN BLOCK See Item 15	<b>MARK ALL PACKAGES AND PAPERS WITH IDENTIFICATION NUMBERS IN BLOCKS 1 AND 2.</b>
------------------------------------	------	---	----------------	--	--

16. TYPE OF ORDER	DELIVERY/ CALL	<input checked="" type="checkbox"/>	This delivery order/call is issued on another Govt. agency or in accordance with and subject to terms and conditions of above numbered contract.
	PURCHASE	<input type="checkbox"/>	Reference your quote dated _____ Furnish the following on terms specified herein.

**ACCEPTANCE. THE CONTRACTOR HEREBY ACCEPTS THE OFFER REPRESENTED BY THE NUMBERED PURCHASE ORDER AS IT MAY PREVIOUSLY HAVE BEEN OR IS NOW MODIFIED, SUBJECT TO ALL OF THE TERMS AND CONDITIONS SET FORTH, AND AGREES TO PERFORM THE SAME.**

NAME OF CONTRACTOR	SIGNATURE	TYPED NAME AND TITLE	DATE SIGNED (YYYYMMDD)
--------------------	-----------	----------------------	------------------------

If this box is marked, supplier must sign Acceptance and return the following number of copies:

17. ACCOUNTING AND APPROPRIATION DATA/ LOCAL USE  
**See Schedule**

18. ITEM NO.	19. SCHEDULE OF SUPPLIES/ SERVICES	20. QUANTITY ORDERED/ ACCEPTED*	21. UNIT	22. UNIT PRICE	23. AMOUNT
<b>SEE SCHEDULE</b>					

* If quantity accepted by the Government is same as quantity ordered, indicate by X. If different, enter actual quantity accepted below quantity ordered and encircle	24. UNITED STATES OF AMERICA [REDACTED] CONTRACTING / ORDERING OFFICER	25. TOTAL \$498,601.00	29. DIFFERENCES
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26. QUANTITY IN COLUMN 20 HAS BEEN <input type="checkbox"/> INSPECTED <input type="checkbox"/> RECEIVED <input type="checkbox"/> ACCEPTED, AND CONFORMS TO THE CONTRACT EXCEPT AS NOTED DATE _____ SIGNATURE OF AUTHORIZED GOVT. REP. _____	27. SHIP NO. <input type="checkbox"/> PARTIAL <input type="checkbox"/> FINAL	28. DO VOUCHER NO.	30. INITIALS	33. AMOUNT VERIFIED CORRECT FOR
36. I certify this account is correct and proper for payment. DATE _____ SIGNATURE AND TITLE OF CERTIFYING OFFICER _____	31. PAYMENT <input type="checkbox"/> COMPLETE <input type="checkbox"/> PARTIAL <input type="checkbox"/> FINAL	32. PAID BY	34. CHECK NUMBER	35. BILL OF LADING NO.

37. RECEIVED AT	38. RECEIVED BY	39. DATE RECEIVED (YYYYMMDD)	40. TOTAL CONTAINERS	41. S/R ACCOUNT NO.	42. S/R VOUCHER NO.
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**SECTION B Supplies or Services and Prices**

ITEM NO	SUPPLIES/SERVICES	MAX QUANTITY	UNIT	UNIT PRICE	MAX AMOUNT
0006	Option I - Statement of Work SW-TC-S-36-97 CPAF - Statement of Work SW-TC-S-36-97, titled "Missile Defense Data Center", dated 9 Sep 98, except paragraphs 4.7, 4.9.1, 4.10.1 and 4.11, incorporated herein and attached as set forth in Part III, Section J, hereof. PURCHASE REQUEST NUMBER TO 0022				\$ \$

MAX COST	
BASE FEE	
<b>SUBTOTAL MAX COST + BASE</b>	<b>\$464,596.00</b>
MAX AWARD FEE	\$34,005.00
<b>TOTAL MAX COST + FEE</b>	<b>\$498,601.00</b>
<b>ACRN AA Funded Amount</b>	<b>\$498,601.00</b>

## SECTION C Descriptions and Specifications

WHEREAS, the contractor is to complete the attached Missile Defense Data Center (MDDC) Support for National Missile Defense Joint Program Office (NMD JPO) System Test and Evaluation (T&E) Data Management; and

WHEREAS, the maximum Direct Productive Person Hours (DPPHs) for this effort under Task Order No. 0022 is [REDACTED] and

WHEREAS, the period of performance is from date of execution of this Task Order to 17 August 2001.

NOW, THEREFORE, the contract is modified as follows:

5. PART I, SECTION G, Paragraph G-30, **CONTRACT ADMINISTRATION DATA**, is hereby modified to add ACRN AA under Task Order #0022 as follows:

ACRN: AA  
 ACCT CLASS: 9710400.2501 IBM-NMD1 40603871C00.2410-255Y Y21241A8Y2 S01021  
 Y212418Y2/1Y2241/Y23  
 ORDER NO: Y2-1-241A8Y2-01 FUNDED AMT: \$498,601  
 CUMULATIVE AMT: \$498,601(NMD JPO System T&E Data Mgmt)

6. PART I, SECTION G, Paragraph G-9, **IMPLEMENTATION OF AND EXPLANATION OF THE RELATIONSHIP OF THE LIMITATION OF FUNDS (LOF) CLAUSE TO FEE OBLIGATIONS**: Additional funding in the amount of \$498,601 hereby allotted to fund the estimated cost and fees of the contract as follows:

**CLIN 0006**

Amount Required for Full Funding:	\$2,069,260
Estimated Cost, Exclusive of Fee:	[REDACTED]
Base Fee:	[REDACTED]
Estimated Cost Plus Base Fee:	\$ 464,596
Maximum Award Fee:	\$ 34,005
Total Estimated Cost, Base Fee, and Maximum Award Fee:	\$ 498,601
Prior Amount Funded:	\$1,462,812
Cumulative Amount Funded:	\$1,961,413
Net Required for Full Funding (UNFUNDED):	\$ 107,847

**Missile Defense Data Center (MDDC) Support for  
National Missile Defense Joint Program Office (NMD JPO)  
System Test and Evaluation (T & E) Data Management**

The NMD JPO System T & E Office is the Data Manager for all NMD Integrated Flight Test (IFT) and Integrated Ground Test (IGT) data. The MDDC serves as the central repository for the NMD JPO data products. The following is a detailed list of the MDDC's responsibilities to the Data Manager:

1. The MDDC has the overall responsibility for configuration management of the NMD mission data products.
2. The MDDC will distribute pre-mission and post-mission data products upon receipt as specified in the NMD IFT and IGT Data Management Plans (DMPs).
3. Upon receipt of NMD JPO data products, the MDDC will catalogue the data in an online database, verify the data for integrity, convert the data to the specified media format for distribution, analyze the data when required, and enter the data into the data storage system.
4. The MDDC will perform primary data distribution to the organizations that have been pre-approved in the DMP by the Data Manager.
5. The MDDC will provide data products on the media and in the formats specified in the DMP.
6. The MDDC will receive User Data Requests from other Government Agencies and their contractors and subcontractors, verify their facility and personnel security clearances and need-to-know. The MDDC shall coordinate with the Data Manager for approval to produce and make secondary data distribution to these other Government Agencies or their contractors.
7. The MDDC shall produce and distribute NMD data products (Level 0 – Level 2) in custom data sets and formats on CD, 4mm or 8mm tape, VHS or SVHS video tapes, diskettes, etc. in the format desired by the requestor, after approval by the Data Manager. This effort shall include but not be limited to the following:
  - Digitize analog telemetric data into a form that can easily be stored on a variety of digital media. This can involve digitizing legacy data currently stored on analog tapes to increase the life of the media.
  - Provide consulting services concerning the content, integrity and interpretation of telemetry data.
  - Provide a center for resources concerning telemetric techniques and the application of those techniques.

- Provide a center for information about specific telemetric data from specific programs.
  - Provide for visualization of extracted telemetric data for the purpose of verification, comparisons and the creation of presentations.
8. The MDDC shall provide subject matter expertise to advise and support data users in accessing (locating), retrieving, analyzing and visualizing the data in the MDDC that are potentially pertinent to the user's mission or objective. This support includes, but will not be limited to:
- Advise users on existing data and as to the status of data in the MDDC.
  - Advise users as to the potential applicability of data and documents in the MDDC for the their particular mission.
  - Support and advise users with data analysis, reduction, and visualization in the MDDC.
  - Participate in the NMD Working Groups.
  - Modify or develop, and test computer, network, telemetry, and video hardware that is suitable for accepting, analyzing, copying, digitizing, storing, retrieving, processing, displaying, printing, and exchanging data and documents in the MDDC.
9. For post-mission efforts, the MDDC will provide the Data Manager a weekly status of all data received by and transmitted from the MDDC.
10. The MDDC will archive all NMD data products for long-term storage. A backup copy will be made on long term media for off-site storage in case of natural or man-made disaster. The Data Manager will approve or disapprove of the off-site storage location.

Enclosure

SECTION G Contract Administration Data

ACCOUNTING AND APPROPRIATION DATA

AA: 9710400.2501 IBM-NMD1 40603871C00.2410-255Y Y21241A8Y2 S01021 (TO 0022) 000000000000  
AMOUNT: \$498,601.00