

2. AMENDMENT/MODIFICATION NO. 55	3. EFFECTIVE DATE 05-Mar-2020	4. REQUISITION/PURCHASE REQ. NO. 1300613945	5. PROJECT NO. (If applicable) N/A
6. ISSUED BY CODE	N00024	7. ADMINISTERED BY (If other than Item 6) CODE	S2404A

Naval Sea Systems Command (NAVSEA)
 BUILDING 197, ROOM 5w-27301333 ISAAC HULL AVENUE SE
 WASHINGTON NAVY YARD DC 20376-2040

DCMA Manassas
 14501 George Carter Way, 2nd Floor
 Chantilly VA 20151

SCD: C

8. NAME AND ADDRESS OF CONTRACTOR (No., street, county, State, and Zip Code) CACI, Inc.-Federal 14370 Newbrook Drive Chantilly VA 20151	9A. AMENDMENT OF SOLICITATION NO. 9B. DATED (SEE ITEM 11) 10A. MODIFICATION OF CONTRACT/ORDER NO. N00178-04-D-4030-EH05 10B. DATED (SEE ITEM 13) 27-Jan-2011
CAGE CODE 1QU78 FACILITY CODE	[X]

11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS

The above numbered solicitation is amended as set forth in Item 14. The hour and date specified for receipt of Offers is extended, is not extended. Offers 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 one (1) copy 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 ACKNOWLEDGEMENT 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 SECTION G

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.
<input type="checkbox"/>	
<input type="checkbox"/>	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).
<input type="checkbox"/>	C. THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO AUTHORITY OF:
<input checked="" type="checkbox"/>	D. OTHER (Specify type of modification and authority) NAVSEA 5252.232-9104 Allotment of Funds Clause

E. IMPORTANT: Contractor is not, is required to sign this document and return 1 copies to the issuing office.

14. DESCRIPTION OF AMENDMENT/MODIFICATION (Organized by UCF section headings, including solicitation/contract subject matter where feasible.)
 SEE PAGE 2

15A. NAME AND TITLE OF SIGNER (Type or print)	16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print)		
15B. CONTRACTOR/OFFEROR	15C. DATE SIGNED	16B. UNITED STATES OF AMERICA	16C. DATE SIGNED
(Signature of person authorized to sign)		BY _____ (Signature of Contracting Officer)	

GENERAL INFORMATION

The purposes of this Modification is to N00178-04-D-4030-EH05-55 is to:

1. Deobligate funding from SLINs 930001, 930003, 930009, 930011 and 930014;
2. Transfer ceiling from CLIN 4404 to CLIN 7204 and CLIN 6202 to CLIN 9400;
3. Provide funding for SLINs 740203 and 940003;
4. Update Section G, Accounting Data;
5. Update Section H, Special Contract Requirements;

Accordingly, said Task Order is hereby modified as follows:

1. Under Section B – Supplies or Services, deobligate funding from SLINs 930001, 930003, 930009, 930011 and 930014 as follows:

CLIN	EST COST
930001	
FROM	
BY	
TO	

CLIN	EST COST
930003	
FROM	
BY	
TO	

CLIN	EST COST
930009	
FROM	
BY	
TO	

CLIN	EST COST
930011	
FROM	
BY	
TO	

CLIN	EST COST
930014	
FROM	
BY	
TO	

2. Under Section B – Supplies or Services transfer ceiling from CLINs 4404 to 7402 and CLINs 6202 to CLIN 9400 as follows:

From:

CLIN	CHANGE	LABOR HOURS	Target Cost	Target Fee	CPIF
4404					
	FROM:				
	BY:				
	TO:				

*There is a 609 Hours different due to rate amount

To:

CLIN	CHANGE	LABOR HOURS	Target Cost	Target Fee	CPIF
7402					
	FROM:				
	BY:				
	TO:				

From:

CLIN	EST COST
6202	
FROM	
BY	
TO	

To:

CLIN	EST COST
9400	
FROM	
BY	
TO	

3. Under Section B – Supplies or Services funding is hereby provided for SLINs 740203 and 940003 as follows:

CLIN	Qty (Hrs)	Target Cost (Hrs*TF)	Target Fee (Hrs*Rate)	Total	Rate
7402					
SLINs					
740201					
740202					
740203					
Remaining					

CLIN	EST COST
9400	
SLINs	
940001	
940002	
940003	
Remaining	

4. Under Section G – Accounting Data is hereby updated as follows:

MOD 55

CONTRACT NO. N00178-04-D-4030	DELIVERY ORDER NO. N00178-04-D-4030-EH05	AMENDMENT/MODIFICATION NO. 55	PAGE 5 of 7	FINAL
----------------------------------	---	----------------------------------	----------------	-------

5. Under Section H – Special Contract Requirements is hereby updated as follows:

NAVSEA 5252.232-9104 ALLOTMENT OF FUNDS (JAN 2008)(Applicable to CLINs 4000 and 6000 Option CLINs (if exercised) 4002, 4004, 4100, 4102, 4104, 4200, 4202, 4204, 4300, 4302, 4304, 4400, 4402, 4404, 6002, 6004, 6100, 6102, 6104, 6200, 6202, 6204, 6300, 6302, 6304, 6400, 6402 6404, 7000, 7006, 7100, 7102, 7200, 7202, 7300, 7302, 7400, 7402 , 9000, 9100, 9200 9300, 9400, and 9600)

(a) This contract is incrementally funded with respect to both cost and fee. The amount(s) presently available and allotted to this contract for payment of fee for incrementally funded contract line item number/contract subline item number (CLIN/SLIN), subject to the clause entitled "FIXED FEE" (FAR 52.216-8) or "INCENTIVE FEE" (FAR 52.216-10), as appropriate, is specified below. The amount(s) presently available and allotted to this contract for payment of cost for incrementally funded CLINs/SLINs is set forth below. As provided in the clause of this contract entitled "LIMITATION OF FUNDS" (FAR 52.232-22), the CLINs/SLINs covered thereby, and the period of performance for which it is estimated the allotted amount(s) will cover are as follows:

CPFF/CPIF/ODC

ITEM ALLOTTED TO COST ALLOTTED TO FEE EST. POP THROUGH

- 4100
- 4200
- 4400
- 6000
- 6100
- 6200
- 6300
- 6400
- 7100
- 7102
- 9100
- 9200

CPAF

ITEM EST.COSTBASE FEEAWARD FEEEST. POP THROUGH

- 4006
- 4106
- 4306
- 4406

CONTRACT NO. N00178-04-D-4030	DELIVERY ORDER NO. N00178-04-D-4030-EH05	AMENDMENT/MODIFICATION NO. 55	PAGE 6 of 7	FINAL
----------------------------------	---	----------------------------------	----------------	-------

7006

(b) The parties contemplate that the Government will allot additional amounts to this contract from time to time for the incrementally funded CLINs/SLINs by unilateral contract modification, and any such modification shall state separately the amount(s) allotted for cost, the amount(s) allotted for fee, the CLINs/SLINs covered thereby, and the period of performance which the amount(s) are expected to cover.

(c) CLINs/SLINs 4000, 4300, 7000, 7002, 7200, 7202, 7300, 7302, 7400, 7402, 9000, 9300, 9400 are fully funded and performance under these CLINs/SLINs is subject to the clause of this contract entitled "LIMITATION OF COST" (FAR 52.232-20).

(d) The Contractor shall segregate costs for the performance of incrementally funded CLINs/SLINs from the costs of performance of fully funded CLINs/SLINs.

A conformed copy of this Task Order is attached to this modification for informational purposes only.

The Line of Accounting information is hereby changed as follows:

The total amount of funds obligated to the task is hereby decreased from \$37,684,812.60 by \$439,000.00 to \$37,245,812.60.

CLIN/SLIN	Type Of Fund	From (\$)	By (\$)	To (\$)
740203	SCN			
930001	SCN			
930003	SCN			
930009	SCN			
930011	SCN			
930014	SCN			
940003	SCN			

The total value of the order is hereby decreased from \$40,089,317.59 by \$439,000.00 to \$39,650,317.59.

CLIN/SLIN	From (\$)	By (\$)	To (\$)
7402			
9300			

CONTRACT NO. N00178-04-D-4030	DELIVERY ORDER NO. N00178-04-D-4030-EH05	AMENDMENT/MODIFICATION NO. 55	PAGE 7 of 7	FINAL
----------------------------------	---	----------------------------------	----------------	-------

9400

CONTRACT NO. N00178-04-D-4030	DELIVERY ORDER NO. N00178-04-D-4030-EH05	AMENDMENT/MODIFICATION NO. 55	PAGE 1 of 79	FINAL
----------------------------------	---	----------------------------------	-----------------	-------

SECTION B SUPPLIES OR SERVICES AND PRICES

CLIN - SUPPLIES OR SERVICES

For Cost Type Items:

Item	PSC	Supplies/Services	Qty	Unit	Target Cost	Target Fee	CPIF
4000	R499	Base Year: DDG 1000 Support (Tasks 1, 2, and 3) (Fund Type - TBD)		LH		\$1,891,653.00	
		Max Fee					
		Min Fee					
		Government Overrun Share Line					
		Government Underrun Share Line					
400001	R499	Base Year: DDG 1000 Class Support (Task 2) (RDT&E)					
400002	R499	Base Year: DDG 1000 Support (Task 1) (SCN)					
400003	R499	Base Year: DDG 1002 Support (SCN)					
400004	R499	Base Year: DDG 1000 Class Support (Task 1) (SCN) (SCN)					
400005	R499	Base Year: DDG 1000 Support (Task 2) (RDTE) (RDT&E)					
400006	R499	Base Year: DDG 1000 Class Support (Task 1) (SCN) (SCN)					
400007	R499	Base Year: DDG 1000 Class Support (Task 2) (RDTE) (RDT&E)					
4001	R499	Reserved (Fund Type - TBD) Option		LH		\$0.00	
		Max Fee					

CONTRACT NO. N00178-04-D-4030	DELIVERY ORDER NO. N00178-04-D-4030-EH05	AMENDMENT/MODIFICATION NO. 55	PAGE 2 of 79	FINAL
----------------------------------	---	----------------------------------	-----------------	-------

Item	PSC	Supplies/Services Qty	Unit	Target Cost	Target Fee	CPIF
		Min Fee				
		Government				
		Overrun				
		Share Line				
		Government				
		Underrun				
		Share Line				

Item	PSC	Supplies/Services	Qty	Unit	Est. Cost	Fixed Fee	CPFF
4002	R499	Base Year: DDG 1000 Speci 1, 2, and 3) (NOTE A) Type - TBD) (Fund Option		LH			\$0.00
4003	R499	Reserved (Fund Type - TBD) Option		LH			\$0.00

Item	PSC	Supplies/Services	Qty	Unit	Target Cost	Target Fee	CPIF
4004	R499	Base Year: DDG 1000 Support Option Surge (Tasks 1, 2, and 3) (NOTES A & C) (Fund Type - TBD) Option		LH		\$2,011,911.00	
		Max Fee					
		Min Fee					
		Government					
		Overrun					
		Share Line					
		Government					
		Underrun					
		Share Line					
4005	R499	Reserved (Fund Type - TBD) Option		LH		\$0.00	
		Max Fee					
		Min Fee					
		Government					
		Overrun					
		Share Line					

CONTRACT NO. N00178-04-D-4030	DELIVERY ORDER NO. N00178-04-D-4030-EH05	AMENDMENT/MODIFICATION NO. 55	PAGE 3 of 79	FINAL
----------------------------------	---	----------------------------------	-----------------	-------

Item	PSC	Supplies/Services	Qty	Unit	Target Cost	Target Fee	CPIF
		Government Underrun Share Line					

Item	PSC	Supplies/Services	Qty	Unit	Est. Cost	Base Fee	Award Fee	CPAF
4006	R499	Base Year - Award Fee related to Year 1 CLIN 4000 (Fund Type - TBD)		LO			\$189,458.00	
400601	R499	Award Fee Earned (RDT&E)						
400602	R499	Award Fee Earned (SCN)						
4007	R499	Reserved (Fund Type - TBD) Option		LO			\$0.00	
4008	R499	Base Year - Award Fee related to Base Year Surge Option CLIN 4004 (NOTE B) (Fund Type - TBD) Option		LO			\$175,867.00	
4009	R499	Reserved (Fund Type - TBD) Option		LO			\$0.00	

Item	PSC	Supplies/Services	Qty	Unit	Target Cost	Target Fee	CPIF
4100	R499	Option Year 1 - YEAR 2: DDG 1000 Support (Tasks 1, 2, & 3) (NOTE A) (Fund Type - OTHER)		LH			\$1,401,865.00
		Max Fee					
		Min Fee					
		Government Overrun Share Line					
		Government Underrun Share Line					
410001	R499	410001 Base Year: DDG 1000 Support (Task 1) (SCN) (SCN)					
410002	R499	410002 Base Year: DDG 1000 Class Support (Task 2) (RDTE) (RDT&E)					

CONTRACT NO. N00178-04-D-4030	DELIVERY ORDER NO. N00178-04-D-4030-EH05	AMENDMENT/MODIFICATION NO. 55	PAGE 4 of 79	FINAL
----------------------------------	---	----------------------------------	-----------------	-------

Item	PSC	Supplies/Services	Qty	Unit	Target Cost	Target Fee	CPIF
4101	R499	Reserved (Fund Type - TBD)		LH			\$0.00
		Option					
		Max Fee					
		Min Fee					
		Government Overrun Share Line					
		Government Underrun Share Line					

Item	PSC	Supplies/Services	Qty	Unit	Est. Cost	Fixed Fee	CPFF
4102	R499	Option Year 1 - Year 2 - DDG 1000 Special Studies (Tasks 1, 2, and 3) (NOTE A) (Fund Type - TBD)		LH			\$0.00
		Option					
4103	R499	Reserved (Fund Type - TBD)		LH			\$0.00
		Option					

Item	PSC	Supplies/Services	Qty	Unit	Target Cost	Target Fee	CPIF
4104	R499	Option Year 1 YEAR 2: Surge Requirements (Tasks 1, 2, and 3) (NOTES A & C) (Fund Type - TBD)		LH			\$4,037,648.00
		Option					
		Max Fee					
		Min Fee					
		Government Overrun Share Line					
		Government Underrun Share Line					
4105	R499	Reserved (Fund Type - TBD)		LH			\$0.00
		Option					
		Max Fee					
		Min Fee					

CONTRACT NO. N00178-04-D-4030	DELIVERY ORDER NO. N00178-04-D-4030-EH05	AMENDMENT/MODIFICATION NO. 55	PAGE 5 of 79	FINAL
----------------------------------	---	----------------------------------	-----------------	-------

Item	PSC	Supplies/Services	Qty	Unit	Target Cost	Target Fee	CPIF
		Government Overrun Share Line					
		Government Underrun Share Line					

Item	PSC	Supplies/Services	Qty	Unit	Est. Cost	Base Fee	Award Fee	CPAF
4106	R499	Option Year 1 YEAR 2: Award Fee related to Year 1 CLIN 4100 (NOTE B) (Fund Type - TBD)		LO			\$201,632.00	
410601	R499	Option Year 1 YEAR 2: Award Fee related to Year 1 CLIN 4100 (SCN)						
410602	R499	Option Year 1 YEAR 2: Award Fee related to Year 1 CLIN 4100 (RDT&E)						
4107	R499	Reserved (Fund Type - TBD) Option		LO			\$0.00	
4108	R499	Option Year 1 YEAR 2: Award Fee related to Base Year Surge Option CLIN 4104 (NOTE B) (Fund Type - TBD) Option		LO			\$213,700.00	
4109	R499	Reserved (Fund Type - TBD) Option		LO			\$0.00	

Item	PSC	Supplies/Services	Qty	Unit	Target Cost	Target Fee	CPIF
4200	R499	Option Year 2 - YEAR 3: DDG 1000 Support (Tasks 1, 2, & 3) (NOTE A) (Fund Type - TBD)		LH			\$1,572,725.03
		Max Fee					
		Min Fee					
		Government Overrun Share Line					
		Government Underrun Share Line					
420001	R499	Option Year 2: DDG 1000 Class					

CONTRACT NO. N00178-04-D-4030	DELIVERY ORDER NO. N00178-04-D-4030-EH05	AMENDMENT/MODIFICATION NO. 55	PAGE 6 of 79	FINAL
----------------------------------	---	----------------------------------	-----------------	-------

Item	PSC	Supplies/Services	Qty	Unit	Target Cost	Target Fee	CPIF
		Support (Task 1) (SCN)					
420002	R499	Option Year 2: DDG 1000 Class Support (Task 2) (RDT&E)					
420003	R499	DDG 1000 Support(Task 1) (SCN)					
4201	R499	Reserved (Fund Type - TBD) Option		LH		\$0.00	
		Max Fee					
		Min Fee					
		Government Overrun Share Line					
		Government Underrun Share Line					

Item	PSC	Supplies/Services	Qty	Unit	Est. Cost	Fixed Fee	CPFF
4202	R499	Option Year 2 - DDG 1000 Special Studies (Tasks 1, 2, & 3) (NOTE A) (Fund Type - TBD) Option		LH			\$183,461.00
4203	R499	Reserved (Fund Type - TBD) Option		LH			\$0.00

Item	PSC	Supplies/Services	Qty	Unit	Target Cost	Target Fee	CPIF
4204	R499	Option Year 2 YEAR 3: Surge Requirements (Tasks 1, 2, and 3) (NOTES A & C) (Fund Type - TBD) Option		LH			\$4,924,922.00
		Max Fee					
		Min Fee					
		Government Overrun Share Line					

CONTRACT NO. N00178-04-D-4030	DELIVERY ORDER NO. N00178-04-D-4030-EH05	AMENDMENT/MODIFICATION NO. 55	PAGE 7 of 79	FINAL
----------------------------------	---	----------------------------------	-----------------	-------

Item	PSC	Supplies/Services	Qty	Unit	Target Cost	Target Fee	CPIF
		Government Underrun Share Line					
4205	R499	Reserved (Fund Type - TBD)		LH			\$0.00
		Option					
		Max Fee					
		Min Fee					
		Government Overrun Share Line					
		Government Underrun Share Line					

Item	PSC	Supplies/Services	Qty	Unit	Est. Cost	Base Fee	Award Fee	CPAF
4206	R499	Option Year 2 YEAR 3: Award Fee related to Year 1 CLIN 4200 (NOTE B) (Fund Type - TBD)		LO				\$33,438.00
420601	R499	Funding for Award Fee, labor CLIN 4200 (SCN)						
420602	R499	Funding for Award Fee, labor CLIN 4200 (SCN)						
420603	R499	Funding for Award Fee, labor CLIN 4200 (RDT&E)						
4207	R499	Reserved (Fund Type - TBD)		LO				\$0.00
		Option						
4208	R499	Option Year 2 YEAR 3: Award Fee related to Base Year Surge Option CLIN 4204 (NOTE B) (Fund Type - TBD)		LO				\$260,639.00
		Option						
4209	R499	Reserved (Fund Type - TBD)		LO				\$0.00
		Option						

Item	PSC	Supplies/Services	Qty	Unit	Target Cost	Target Fee	CPIF
4300	R499	Option year 3 - YEAR 4: DDG 1000 Support (Tasks 1, 2, and 3) (NOTE A) (Fund Type - TBD)		LH			\$1,257,538.00

Option

4303 R499 Reserved (Fund Type - TBD) LH \$0.00

Option

Item	PSC	Supplies/Services	Qty	Unit	Target Cost	Target Fee	CPIF
------	-----	-------------------	-----	------	-------------	------------	------

4304	R499	Option Year 3 - YEAR 4: Surge Requirements (Tasks 1, 2, and 3) (NOTES A & C) (Fund Type - TBD)
------	------	--

CONTRACT NO. N00178-04-D-4030	DELIVERY ORDER NO. N00178-04-D-4030-EH05	AMENDMENT/MODIFICATION NO. 55	PAGE 10 of 79	FINAL
----------------------------------	---	----------------------------------	------------------	-------

Option

CONTRACT NO. N00178-04-D-4030	DELIVERY ORDER NO. N00178-04-D-4030-EH05	AMENDMENT/MODIFICATION NO. 55	PAGE 11 of 79	FINAL
----------------------------------	---	----------------------------------	------------------	-------

CONTRACT NO. N00178-04-D-4030	DELIVERY ORDER NO. N00178-04-D-4030-EH05	AMENDMENT/MODIFICATION NO. 55	PAGE 12 of 79	FINAL
----------------------------------	---	----------------------------------	------------------	-------

Item	PSC	Supplies/Services	Qty	Unit	Target Cost	Target Fee	CPIF
		Government Overrun Share Line					
		Government Underrun Share Line					
4305	R499	Reserved (Fund Type - TBD)		LH		\$0.00	
		Option					
		Max Fee					
		Min Fee					
		Government Overrun Share Line					
		Government Underrun Share Line					

Item	PSC	Supplies/Services	Qty	Unit	Est. Cost	Base Fee	Award Fee	CPAF
4306	R499	Option Year 3 YEAR 4: Award Fee related to Year 1 CLIN 4300 (NOTE B) (Fund Type - TBD)		LO				\$116,703.00
430601	R499	Funding for Award Fee related to Year 1 CLIN 4300 (SCN)						
430602	R499	Funding for Award Fee related to Year 1 CLIN 4300 (RDT&E)						
4307	R499	Reserved (Fund Type - TBD)		LO				\$0.00
		Option						
4308	R499	Option Year 3 YEAR 4: Award Fee related to Base Year Surge CLIN 4304 (NOTE B) (Fund Type - TBD)		LO				\$268,191.00
		Option						
4309	R499	Reserved (Fund Type - TBD)		LO				\$0.00
		Option						

Item	PSC	Supplies/Services	Qty	Unit	Target Cost	Target Fee	CPIF
4400	R499	Option Year 4 YEAR 5: DDG 1000 Support (Tasks 1, 2, and 3) (NOTE A) (Fund Type - TBD)		LH			1,160,828.65

CONTRACT NO. N00178-04-D-4030	DELIVERY ORDER NO. N00178-04-D-4030-EH05	AMENDMENT/MODIFICATION NO. 55	PAGE 10 of 79	FINAL
----------------------------------	---	----------------------------------	------------------	-------

Item	PSC	Supplies/Services	Qty	Unit	Target Cost	Target Fee	CPIF
		Max Fee					
		Min Fee					
		Government Overrun Share Line					
		Government Underrun Share Line					
440001	R499	SCN for Task 3 (SCN)					
440002	R499	RDT&E for Task 2 (RDT&E)					
440003	R499	SCN for Task 3 (SCN)		LH		\$0.00	
4401	R499	Reserved (Fund Type - TBD) Option					
		Max Fee					
		Min Fee					
		Government Overrun Share Line					
		Government Underrun Share Line					

Item	PSC	Supplies/Services	Qty	Unit	Est. Cost	Fixed Fee	CPFF
4402	R499	Option Year 4 YEAR 5- Special Studies (Tasks 1, 2, and 3) (NOTE A) (Fund Type - TBD) Option		LH			\$0.00
4403	R499	Reserved (Fund Type - TBD) Option		LH			\$0.00

Item	PSC	Supplies/Services	Qty	Unit	Target Cost	Target Fee	CPIF
4404	R499	Option Year 4 YEAR 5: Surge Requirements (Tasks 1, 2, and 3) (NOTES A & C) (Fund Type - TBD) Option		LH		\$2,201,629.00	

CONTRACT NO. N00178-04-D-4030	DELIVERY ORDER NO. N00178-04-D-4030-EH05	AMENDMENT/MODIFICATION NO. 55	PAGE 11 of 79	FINAL
----------------------------------	---	----------------------------------	------------------	-------

Item	PSC	Supplies/Services	Qty	Unit	Target Cost	Target Fee	CPIF
		Max Fee					
Min Fee		Government					
		Overrun					
		Share Line					
		Government					
		Underrun					
		Share Line					
4405	R499	Reserved (Fund - TBD)		LH		\$0.00	
		Option					
		Max Fee					
		Min Fee					
		Government					
		Overrun					
		Share Line					
		Government					
		Underrun					
		Share Line					

Item	PSC	Supplies/Services	Qty	Unit	Est. Cost	Base Fee	Award Fee	CPAF
4406	R499	Option Year 4 YEAR 5: Award Fee related to Year 1 CLIN 4400 (NOTE B) (Fund Type - TBD)		LO				\$212,642.00
440601	R499	(SCN)						
440602	R499	(RDT&E)						
440603	R499	(SCN)						
4407	R499	Reserved (Fund Type - TBD)		LO				\$0.00
		Option						
4408	R499	Option Year 4 YEAR 5: Award Fee related to Base Year Surge Option CLIN 4404 (NOTE B) (Fund Type - TBD)		LO				\$276,067.00
		Option						
4409	R499	Reserved (Fund Type - TBD)		LO				\$0.00
		Option						

For ODC Items:

Item	PSC	Supplies/Services	Qty	Unit	Est. Cost
------	-----	-------------------	-----	------	-----------

CONTRACT NO. N00178-04-D-4030	DELIVERY ORDER NO. N00178-04-D-4030-EH05	AMENDMENT/MODIFICATION NO. 55	PAGE 12 of 79	FINAL
----------------------------------	---	----------------------------------	------------------	-------

Item	PSC	Supplies/Services	Qty	Unit	Est. Cost
6000	R499	ODCs in support of Base Year - Year 1 Labor CLIN 4000 (Fund Type - TBD)			
600001	R499	ODCs in support of Base Year - Year 1 Labor SLIN 400001 (Task 2) (RDT&E)			
600002	R499	ODCs in support of Base Year - Year 1 Labor SLIN 400002 (Task 1) (SCN)			
600004	R499	ODCs in support of Base Year - Year 1 Labor SLIN 4000 04 (Task 1) (SCN) (SCN)			
6001	R499	Reserved (Fund Type - TBD) Option			
6002	R499	ODCs in Support of Base Year - Year 1 Special Studies Labor CLIN 4002 (NOTE A) (Fund Type - TBD) Option			
6003	R499	Reserved (Fund Type - TBD) Option			
6004	R499	ODCs in Support of Base Year - Year 1 Surge Labor CLIN 4004 (NOTE A) (Fund Type - TBD) Option			
6005	R499	Reserved (Fund Type - TBD) Option			
6100	R499	ODCs in support of Option Year 1 - Year 2 Labor CLIN 4100 (NOTE A) (Fund Type - OTHER)			
610001	R499	ODC's in Support of Base Year: Year 1 Labor SLIN 4100 01 (Task 1) (SCN) (SCN)			
610002	R499	ODC's in Support of Base Year: Year 1 Labor SLIN 4100 02 (Task 1) (RDTE) (RDT&E)			
6101	R499	Reserved (Fund Type - TBD) Option			
6102	R499	ODCs in Support of Option Year 1 - Year 2 Special Studies Labor CLIN 4102 (NOTE A) (Fund Type - TBD) Option			
6103	R499	Reserved (Fund Type - TBD) Option			
6104	R499	ODCs in Support of Option Year 1 - Year 2 Surge Labor CLIN 4104 (NOTE A) (Fund Type - TBD) Option			
6105	R499	Reserved (Fund Type - TBD) Option			
6200	R499	ODCs in support of Option Year 2 - Year 3 Labor CLIN 4200 (NOTE A) (Fund Type - TBD)			

CONTRACT NO. N00178-04-D-4030	DELIVERY ORDER NO. N00178-04-D-4030-EH05	AMENDMENT/MODIFICATION NO. 55	PAGE 13 of 79	FINAL
----------------------------------	---	----------------------------------	------------------	-------

Item	PSC	Supplies/Services	Qty	Unit	Est. Cost
620001	R499	ODCs in Support of CLIN 4200 - Option Year 2 (Task 1) (SCN)			
620002	R499	ODCs in Support of CLIN 4200 - Option Year 2 (Task 2) (RDT&E)			
620003	R499	ODCs in support of SLIN 420003 (SCN)			
6201	R499	Reserved (Fund Type - TBD) Option			
6202	R499	ODCs in Support of Option Year 2 - Year 3 Special Studies Labor CLIN 4202 (NOTE A) (Fund Type - TBD) Option			
6203	R499	Reserved (Fund Type - TBD) Option			
6204	R499	ODCs in Support of Option Year 2 - Year 3 Surge Labor CLIN 4204 (NOTE A) (Fund Type - TBD) Option			
6205	R499	Reserved (Fund Type - TBD) Option			
6300	R499	ODCs in support of Option Year 3 - Year 4 Labor CLIN 4300 (NOTE A) (Fund Type - TBD)			
630001	R499	(SCN)			
630002	R499	(RDT&E)			
6301	R499	Reserved (Fund Type - TBD) Option			
6302	R499	ODCs in Support of Option Year 3 - Year 4 Special Studies Labor CLIN 4302 (NOTE A) (Fund Type - TBD) Option			
6303	R499	Reserved (Fund Type - TBD) Option			
6304	R499	ODCs in Support of Option Year 3 - Year 4 Surge Labor CLIN 4304 (NOTE A) (Fund Type - TBD) Option			
6305	R499	Reserved (Fund Type - TBD) Option			
6400	R499	ODCs in support of Option Year 4 - Year 5 Labor CLIN 4400 (NOTE A) (Fund Type - TBD)			
640001	R499	SCN (SCN)			
6401	R499	Reserved (Fund Type - TBD) Option			
6402	R499	ODCs in Support of Option Year 4 - Year 5 Special Studies Labor CLIN 4402 (NOTE A) (Fund Type - TBD)			

CONTRACT NO. N00178-04-D-4030	DELIVERY ORDER NO. N00178-04-D-4030-EH05	AMENDMENT/MODIFICATION NO. 55	PAGE 14 of 79	FINAL
----------------------------------	---	----------------------------------	------------------	-------

Item	PSC	Supplies/Services	Qty	Unit	Est. Cost
		Option			
6403	R499	Reserved (Fund Type - TBD)			
		Option			
6404	R499	ODCs in Support of Option Year 4 - Year 5 4404 (NOTE A) (Fund Type - TBD)		Surge Labor CLIN	
		Option			
6405	R499	Reserved (Fund Type - TBD)			
		Option			

For Cost Type Items:

Item	PSC	Supplies/Services	Qty	Unit	Target Cost	Target Fee	CPIF
7000	R499	Option Year 5 YEAR 6: DDG 1000 Support (Fund Type - TBD)		LH			\$807,376.00
		Max Fee					
		Min Fee					
		Government Overrun					
		Share Line					
		Government Underrun					
		Share Line					
700001	R499	Incremental Funding (SCN)					
700002	R499	Incremental Funding (RDT&E)					

Item	PSC	Supplies/Services	Qty	Unit	Est. Cost	Fixed Fee	CPFF
7002	R499	Special Studies (Tasks 1, 2, and 3) (Fund Type - TBD)		LH			\$300,000.00
700201	R499	Incremental Funding (SCN)					

Item	PSC	Supplies/Services	Qty	Unit	Est. Cost	Base Fee	Award Fee	CPAF
7006	R499	Option Year 5 YEAR 6: Award Fee related to Year 1 CLIN 7000 (NOTE B) (Fund Type - TBD)		LO			\$80,234.00	
700601	R499	(SCN)						
700602	R499	(RDT&E)						

CONTRACT NO. N00178-04-D-4030	DELIVERY ORDER NO. N00178-04-D-4030-EH05	AMENDMENT/MODIFICATION NO. 55	PAGE 15 of 79	FINAL
----------------------------------	---	----------------------------------	------------------	-------

Item	PSC	Supplies/Services	Qty	Unit	Target Cost	Target Fee	CPIF
7100	R499	Option Year 6 YEAR 7: DDG 1000 Support (Tasks 1, 2, and 3) (NOTE A) (Fund Type - TBD)		LH			\$854,737.00
		Max Fee					
		Min Fee					
		Government Overrun Share Line					
		Government Underrun Share Line					
710001	R499	(SCN)					
710002	R499	(RDT&E)					

Item	PSC	Supplies/Services	Qty	Unit	Est. Cost	Fixed Fee	CPFF
7102	R499	Option Year 6 YEAR 7: DDG 1000 Special Studies (Tasks 1, 2, and 3) (Note A) (Fund Type - TBD)		LH			\$1,573,114.13
710201	R499	(SCN)					
710202	R499	(SCN)					
710203	R499	(O&MN,N)					
710204	R499	(RDT&E)					
710205	R499	(SCN)					

Item	PSC	Supplies/Services	Qty	Unit	Est. Cost	Base Fee	Award Fee	CPAF
7106	R499	Option Year 6 YEAR 7: Award Fee related to Year 6 CLIN 7100 (NoteB) Award Fee Commitment (Fund Type - TBD)		LO				\$90,000.00

Item	PSC	Supplies/Services	Qty	Unit	Target Cost	Target Fee	CPIF
7200	R499	Option Year 7 YEAR 8: DDG 1000 Support (Tasks 1, 2, and 3) (NOTE A) (Fund Type - TBD)		LH			\$683,892.00

CONTRACT NO. N00178-04-D-4030	DELIVERY ORDER NO. N00178-04-D-4030-EH05	AMENDMENT/MODIFICATION NO. 55	PAGE 16 of 79	FINAL
----------------------------------	---	----------------------------------	------------------	-------

Item	PSC	Supplies/Services	Qty	Unit	Target Cost	Target Fee	CPIF
		Max Fee					
		Min Fee					
		Government Overrun Share Line					
		Government Underrun Share Line					
720001	R499	Option Year 7 YEAR 8: DDG 1000 Support (Tasks 1, 2, and 3) (NOTE A) (SCN)					
720002	R499	Option Year 7 YEAR 8: DDG 1000 Support (Tasks 1, 2, and 3) (NOTE A) (SCN)					
720003	R499	(SCN)					
720004	R499	(SCN)					

Item	PSC	Supplies/Services	Qty	Unit	Est. Cost	Fixed Fee	CPFF
7202	R499	Option Year 7 YEAR 8: DDG 1000 Special Studies (Tasks 1, 2, and 3) (Note A) (Fund Type - TBD)		LH			\$8,619,311.32
720201	R499	Option Year 7 YEAR 8: DDG 1000 Special Studies (Tasks 1, 2, and 3) (Note A) (SCN)					
720202	R499	Option Year 7 YEAR 8: DDG 1000 Special Studies (Tasks 1, 2, and 3) (Note A) (SCN)					
720203	R499	(O&MN,N)					
720204	R499	(SCN)					
720205	R499	(O&MN,N)					
720206	R499	(O&MN,N)					
720207	R499	(O&MN,N)					
720208	R499	(SCN)					
720209	R499	(O&MN,N)					
720210	R499	(O&MN,N)					
720211	R499	(RDT&E)					
720212	R499	(SCN)					
720213	R499	(O&MN,N)					

CONTRACT NO. N00178-04-D-4030	DELIVERY ORDER NO. N00178-04-D-4030-EH05	AMENDMENT/MODIFICATION NO. 55	PAGE 17 of 79	FINAL
----------------------------------	---	----------------------------------	------------------	-------

Item	PSC	Supplies/Services	Qty	Unit	Est. Cost	Base Fee	Award Fee	CPAF
7206	R499	Option Year 7 YEAR 8: Award Fee related to Year 8 CLIN 7200 (Note B) (Fund Type - TBD) Option		LO				\$5,015.00

Item	PSC	Supplies/Services	Qty	Unit	Target Cost	Target Fee	CPIF
7300	R499	Option Year 8 Year 9 DDG Support (Tasks, 1, 2, and 3) (Note A) (RDT&E) Max Fee Min Fee Government Overrun Share Line Government Underrun Share Line		LH			\$637,215.00
730001	R499	(RDT&E)					
730002	R499	(SCN)					

Item	PSC	Supplies/Services	Qty	Unit	Est. Cost	Fixed Fee	CPFF
7302	R499	Option Year 8 Year 9: DDG 1000 Special Studies (Task 1, 2, 3) (Note A) (Fund Type - TBD)		LH			\$12,206,886.87
730201	R499	(SCN)					
730202	R499	(O&MN,N)					
730203	R499	(O&MN,N)					
730204	R499	(RDT&E)					
730205	R499	(OPN)					
730206	R499	(OPN)					
730207	R499	(O&MN,N)					
730208	R499	(SCN)					
730209	R499	(RDT&E)					
730210	R499	(SCN)					
730211	R499	(O&MN,N)					

CONTRACT NO. N00178-04-D-4030	DELIVERY ORDER NO. N00178-04-D-4030-EH05	AMENDMENT/MODIFICATION NO. 55	PAGE 18 of 79	FINAL
----------------------------------	---	----------------------------------	------------------	-------

Item	PSC	Supplies/Services	Qty	Unit	Est. Cost	Fixed Fee	CPFF
730212	R499	(SCN)					
730213	R499	(SCN)					
730214	R499	(O&MN,N)					
730215	R499	(O&MN,N)					
730216	R499	(O&MN,N)					
730217	R499	(O&MN,N)					
730218	R499	(SCN)					

Item	PSC	Supplies/Services	Qty	Unit	Target Cost	Target Fee	CPIF
7400	R499	Option Year 9 Year 10 DDG Support (Tasks, 1, 2, and 3) (Note A) (SCN)		LH			\$75,988.00
		Max Fee					
		Min Fee					
		Government Overrun Share Line					
		Government Underrun Share Line					

740001 R499 (SCN)

Item	PSC	Supplies/Services	Qty	Unit	Est. Cost	Fixed Fee	CPFF
7402	R499	Option Year 9 Year 10: DDG 1000 Special Studies (Task 1, 2, 3) (Note A) (SCN)		LH			\$622,800.00
740201	R499	(SCN)					
740202	R499	(RDT&E)					
740203	R499	(SCN)					

For ODC Items:

Item	PSC	Supplies/Services	Qty	Unit	Est. Cost	Fixed Fee	CPFF
9000	R499	ODCs in Support of Option Year 5 Year 6 CLIN 7000 (Fund Type - TBD)					
900001	R499	Incremental Funding (SCN)					
900002	R499	Incremental Funding (SCN)					

CONTRACT NO. N00178-04-D-4030	DELIVERY ORDER NO. N00178-04-D-4030-EH05	AMENDMENT/MODIFICATION NO. 55	PAGE 19 of 79	FINAL
----------------------------------	---	----------------------------------	------------------	-------

Item	PSC	Supplies/Services	Qty	Unit	Est. Cost
9100	R499	ODCs in support of Option Year 6 - Year 7 Labor CLIN 7200 (NOTE A) (Fund Type - TBD)			
910001	R499	(SCN)			
910002	R499	(SCN)			
910003	R499	(O&MN,N)			
9200	R499	ODCs in support of Option Year 7 - Year 8 Labor CLIN 7200 (NOTE A) (Fund Type - TBD)			
920001	R499	ODCs in support of Option Year 7 - Year 8 Labor CLIN 7200 (NOTE A) (SCN)			
920002	R499	ODCs in support of Option Year 7 - Year 8 Labor CLIN 7200 (NOTE A) (SCN)			
920003	R499	ODCs in support of Option Year 7 - Year 8 Labor CLIN 7200 (NOTE A) (SCN)			
920004	R499	(O&MN,N)			
920005	R499	(SCN)			
920006	R499	(RDT&E)			
920007	R499	(RDT&E)			
920008	R499	(SCN)			
920009	R499	(O&MN,N)			
920010	R499	(RDT&E)			
920011	R499	(SCN)			
920012	R499	(O&MN,N)			
9300	R499	ODCs in support of Option Year 8 - Year 9 Labor CLIN 7300 (NOTE A) (Fund Type - TBD)			
930001	R499	(SCN)			
930002	R499	(RDT&E)			
930003	R499	(SCN)			
930004	R499	(OPN)			
930005	R499	(SCN)			
930006	R499	(SCN)			
930007	R499	(RDT&E)			
930008	R499	(O&MN,N)			
930009	R499	(SCN)			
930010	R499	(RDT&E)			
930011	R499	(SCN)			
930012	R499	(RDT&E)			
930013	R499	(O&MN,N)			
930014	R499	(SCN)			

CONTRACT NO. N00178-04-D-4030	DELIVERY ORDER NO. N00178-04-D-4030-EH05	AMENDMENT/MODIFICATION NO. 55	PAGE 20 of 79	FINAL
----------------------------------	---	----------------------------------	------------------	-------

Item	PSC	Supplies/Services	Qty	Unit	Est.	Cost
9400	R499	ODCs in support of Option Year 9 - Year 10 Labor CLIN 9400 (NOTE A) (SCN)				
940001	R499	(SCN)				
940002	R499	(RDT&E)				
940003	R499	(SCN)				

NOTES:

NOTE A: OPTION

Option Item to which the FAR 52.217-9 OPTION TO EXTEND THE TERM OF THE CONTRACT clause in SECTION I applies and which is to be supplied only if and to the extent said Option is exercised.

NOTE B: AWARD FEE

Award Fee Item to which the AWARD FEE clause found in this SECTION B applies and which is to be awarded only if and to the extent said Item is earned in accordance with the aforementioned clause.

NOTE C: SURGE

If it is determined that an increased level of effort is required for any of the task areas in the Statement of Work, the Government reserves the right to exercise a "Surge" Option CLIN for additional work under the specific task area. The Contracting Officer may exercise this Surge Option Item by providing written notice to the Contractor at least 60 calendar days prior to exercise of the surge Option Item. In the event the Government does elect to exercise the Surge Option Item, the appropriate ceiling and level of effort (man-hours) may be realigned under the appropriate Labor CLIN.

These Items shall be priced as Cost-Plus-Incentive-Fee (CPIF). The Award Fee incentive for these Items is separate from the Award Fee incentive for basic level of effort Items (non-surge labor). Therefore, the Award Fee incentive for these Items shall be based on the Target Costs of the Surge labor Items only.

CLAUSES INCORPORATED IN FULL TEXT:

CONTRACT TYPE SUMMARY FOR PAYMENT OFFICE (COST TYPE) (NAVSEA) (FEB 1997)

This entire Task Order is cost type.

DETERMINATION OF FEE(S) (APPLICABLE TO ALL LABOR CLIN SERIES 4000)

(a) FEES PAYABLE

(1) There are two fee(s) payable under this Task Order, a cost incentive fee in accordance with FAR 52.216-10 INCENTIVE FEE (MAR 1997) and an award fee in accordance

CONTRACT NO. N00178-04-D-4030	DELIVERY ORDER NO. N00178-04-D-4030-EH05	AMENDMENT/MODIFICATION NO. 55	PAGE 21 of 79	FINAL
----------------------------------	---	----------------------------------	------------------	-------

with the AWARD FEE portion of this clause. These fees are exclusive (separate) of one another and shall be calculated as follows:

(i) Cost Incentive Fee. The cost incentive fee payable shall be calculated in accordance with FAR 52.216-10.

(ii) Award Fee. The award fee payable shall be calculated as follows:

a. General. Pursuit of the award fee shall not come at the expense of the overall effort. The Contractor's performance must be satisfactory in order to be eligible for award fee.

b. Maximum Fee. The Maximum Award Fee payable under this Task Order shall not exceed of Target Cost. In no event shall the Award Fee payable under this provision be greater than

c. Fee Determination. The payable Award Fee shall be recommended by the Award Fee Review Board (AFRB) and determined by the Fee Determining Official (FDO). This determination and the methodology established herein for determining the Award Fee amount earned are unilateral decisions made solely at the discretion of the Government.

d. Payment of Award Fee. The Contractor shall be paid the determined Award Fee amount, if any, upon submittal of a proper invoice or voucher to the cognizant Payment Office, together with a copy of the unilateral modification to the Task Order authorizing payment of such fee as determined by the Government. The invoice shall show the amount of Award Fee determined payable at the Contract Line Item Number (CLIN)/Sub-Line Item Number (SLIN) level, which shall be based upon the allowable costs (exclusive of any fees and FCCM) incurred by the Contractor during the Evaluation Period. The invoice must cite the appropriate accounting data in order for payment to be achieved and be submitted in accordance with the invoicing instructions provided in SECTION G of this Task Order.

(iii) Total Fees. The total fees payable for the Cost Incentive Fee and the Award Fee are calculated as described in paragraphs (i) and (ii) above. Each of these fees are exclusive of one another and shall be calculated separately. In no event shall the Total Fees payable under this Task Order be greater than of Target Cost, the combined total of Maximum Cost Incentive Fee at and Maximum Award Fee Pool of

(2) The *final* target cost, target fee and Award Fee pool amounts shall be based upon the actual level of effort the contractor provides as explained in the following paragraphs.

LABOR ITEMS	LABOR HOURS	TARGET COST	TARGET FEE (as per FAR 52.216-10)	AWARD FEE POTENTIAL	TOTAL TARGET COST/AWARD AMOUNT
4000 (CY2010)					
Rate/Hr (CY2010)					

4004 (CY2010)					
------------------	--	--	--	--	--

(i) The *final* CPIF target cost for CLINs 4000 and (if Options are exercised) 4004, 4100, 4104, 4200, 4204, 4300, 4304, 4400, and 4404 shall be in accordance with FAR 52.216-10.

(ii) The *final* CPIF target fee for CLINs 4000 and (if Options are exercised) 4004, 4100, 4104, 4200, 4204, 4300, 4304, 4400, and 4404 shall be in accordance with FAR 52.216-10.

IN ACCORDANCE WITH 52.216-10, MODIFICATION 15 ADDS ACTUAL HOURS AND COST, AND INCENTIVE FEE EARNED INFORMATION, AS SHOWN BELOW:

CLIN	Actual Hours	Actual Cost	Fixed Fee	Final Target Incentive Fee	Additional Incentive Fee	Computed Incentive Fee	Total (Cost+TF+IF)
4000							
4100							
4200							

(iii) The share ratio for the CPIF portion of the fee structure is for both underruns and overruns. The fee earned under the CPIF portion of the fee structure will be based on the total allowable cost incurred by the contractor in comparison to the *final* target cost for each of the aforementioned labor CLINs. See the Incentive Fee clause (FAR 52.216-10) in Section I of this Task Order for further information on how the target cost and target fee are determined and the fee earned is calculated.

(iv) The *final* Award Fee pool for CLINs 4000 and (if Options are exercised) 4004, 4100, 4104, 4200, 4204, 4300, 4304, 4400, and 4404 shall be calculated by multiplying the allowable hours worked under the CLIN by the rate/hr in the Award Fee Potential column of the preceding table. The *final* Award Fee pool amount will not be determined by the actual cost incurred but by the number of LOE hours worked. The fee earned under the Award Fee portion of the fee structure will be based on the Award Fee score given by the Fee Determining Official (FDO) as stipulated in the below Award Fee Plan, paragraph (b).

(v) Separate Award Fee pools have been established for CLINs 4000 and (if Options are exercised) 4004, 4100, 4104, 4200, 4204, 4300, 4304, 4400, and 4404. Accordingly, the cost performance on one (or more) of the CLINs in the above table cannot be used by the Contractor to offset the cost performance on one or more of the other CLINs in the above table. For example, if the contractor underruns CLIN 4000 this underrun cannot be used by the Contractor to offset an overrun on CLIN 4004.

(b) AWARD FEE PLAN

(1) Organization:

Fee Determining Official (FDO) for Tasks 1 - 3):
PMS 500 (or designee)

Award Fee Review Board (AFRB):
Chairman: PMS 500 (or designee), different person from FDO
Contracting Officer: SEA 02653 (or other Government contracting

CONTRACT NO. N00178-04-D-4030	DELIVERY ORDER NO. N00178-04-D-4030-EH05	AMENDMENT/MODIFICATION NO. 55	PAGE 23 of 79	FINAL
----------------------------------	---	----------------------------------	------------------	-------

representative)

Performance Monitors: Representatives from PMS 500
 Legal Advisor (SEA 00L)
 Member: Other members as designated

(2) Responsibilities:

• Fee Determining Official (FDO):

--Approves the membership of the AFRB

--Reviews recommendations of the AFRB and determines the amount of award fee earned and payable to the contractor for each evaluation period. The FDO may accept, modify, or amend the AFRB recommendation and the award fee. When the FDO determines a fee other than that recommended by the AFRB, a written rationale will be provided for the record.

--Provides written notification to the Contracting Officer within 90 calendar days of the end of the award fee evaluation period and upon determination of the award fee amount to authorize issuance of a unilateral modification setting forth the specified award fee.

--Provides an award fee authorization letter to the contractor when authorized by the Contracting Officer. A summary evaluation, including the rating assigned to each evaluation area will be included as an attachment.

--Discusses evaluation findings with the contractor, as necessary.

• Award Fee Review Board (AFRB):

--Collects and reviews reported metrics from performance monitors and compiles a recommended rating for each evaluation factor and provides a summary evaluation to the FDO.

--Completes the summary evaluation within 60 days after the evaluation period ends.

• Contracting Officer:

--Reviews the award fee documentation provided by the FDO, and advises the FDO as to when the unilateral Task Order modification, to authorize payment of award fee, may be executed.

--Issues a unilateral modification to the Task Order to authorize payment of the award fee.

(3) Evaluation Criteria. The Government will evaluate the qualitative evidence submitted to the Government by the Contractor at the conclusion of each evaluation period in addition to any other relevant evidence related to the Contractor's performance based on the following criteria to determine the Award Fee payable, if any, under this provision:

· Factor No. 1 Management Performance. Cost, schedule, technical, security, organizational conflict of interest and personnel management is performed to: demonstrate funds and fiscal management, and avert cost overruns; deliver services and products on time; provide high quality technical services and products; properly manage access to proprietary, official use only and classified data; be free of organizational conflict of interest and provide for highly qualified personnel assigned with duties, responsibility and authority to achieve project goals on schedule and within estimated cost focused on team integration with the PMS 500 organization. Lines of communication are well defined, clearly understood, and always facilitate rapid exchanges of information, both technical and contractual, in order to meet project goals.

CONTRACT NO. N00178-04-D-4030	DELIVERY ORDER NO. N00178-04-D-4030-EH05	AMENDMENT/MODIFICATION NO. 55	PAGE 24 of 79	FINAL
----------------------------------	---	----------------------------------	------------------	-------

Contractor practices proactive management to identify and anticipate problems prior to adverse impact. Contractor provides organized and detailed alternatives including risk assessments, trade off analysis between cost, schedule and performance, plan of action and implementation schedule. Solutions are implemented with no impact to estimated cost and schedule.

· Factor No. 2 Technical Performance. Subject matter expertise is provided that meets the requirements of the Task Order (and Technical Instructions if applicable), with high quality and timeliness of work products/deliverables and services provided.

· Factor No. 3 Cost Performance. Cost reports are complete, accurate and provided in the required format. Performance does not result in an overrun.

(4) Factor Weights. The evaluation criteria are weighted for the purpose of determining the percentage of the Award Fee available for each factor. The Award Fee payable shall be calculated using a weighted-average of the evaluation factors and their ratings. The factor weights may be changed unilaterally by the Government if notice is provided to the Contractor prior to the evaluation period in which the changed weights will apply. The Contractor may request a change in the factor weights upon written request to the Contracting Officer. It is at the Government's discretion to alter the weights upon request by the Contractor. The factor weights are as follows:

· Factor No. 1. WEIGHT: 30%

This evaluation factor is weighted at 30% for purposes of determining the total possible Award Fee payable under this provision. Up to but no more than 30% of the total possible Award Fee is payable for this factor for the evaluation period.

· Factor No. 2. WEIGHT: 40%

This evaluation factor is weighted at 40% for purposes of determining the total possible Award Fee payable under this provision. Up to and no more than 40% of the total possible Award Fee is payable for this factor for the evaluation period.

· Factor No. 3. WEIGHT: 30%

This evaluation factor is weighted at 30% for purposes of determining the total possible Award Fee payable under this provision. Up to and no more than 30% of the total possible Award Fee is payable for this factor for the evaluation period.

(5) Evaluation Periods. The Government will evaluate Contractor performance once annually, and will coincide with the dates in Section F. The Government reserves the right to unilaterally change the frequency with which evaluations are conducted.

(6) Ratings. In evaluating Contractor performance for this Award Fee, the following ratings shall be used to determine the percentage of fee payable:

Rating	Performance Rating	Definition of Rating
Outstanding	91-100	Contractor has exceeded almost all of the significant award-fee criteria and has met overall cost, schedule, and technical performance requirements of the contract as defined and measured against the criteria in the award-fee plan for the award-fee evaluation period.

Excellent	76-90	Contractor has exceeded many of the significant award-fee criteria and has met overall cost, schedule, and technical performance requirements of the contract as defined and measured against the criteria in the award-fee plan for the award-fee evaluation period.
Good	51-75%	Contractor has exceeded some of the significant award-fee criteria and has met overall cost, schedule, and technical performance requirements of the contract as defined and measured against the criteria in the award-fee plan for the award-fee evaluation period.
Satisfactory	No Greater Than 50%	Contractor has met overall cost, schedule, and technical performance requirements of the contract as defined and measured against the criteria in the award-fee plan for the award-fee evaluation period.
Unsatisfactory	0%	Contractor has failed to meet overall cost, schedule, and technical performance requirements of the contract as defined and measured against the criteria in the award-fee plan for the award-fee evaluation period.

**Note: In the event an Unsatisfactory performance rating is given in any factor, no Award Fee shall be paid for that factor to the Contractor. Hence, an unsatisfactory rating for any factor will result in no Award Fee for that factor.*

(7) Change Procedure. It is anticipated that award fee evaluation criteria may need to be revised to place increased emphasis on specific areas, to take advantage of lessons learned and identify new approaches to measuring the quality of service/deliverables received, and to incentivize continuous improved performance in that regard. As such, the Contractor may propose changes and the Government may unilaterally make changes to this plan. The Contractor shall submit any proposed changes no later than 60 calendar days prior to the start of the next evaluation period. Contractor proposed changes, if approved by the Government, will be made by bilateral agreement via a Task Order modification, no later than 30 calendar days prior to the start of the next evaluation period. However, the Government reserves the right to unilaterally change criteria prior to the start of an Award Fee period.

(8) Definitions.

Award Fee: An additional fee which the contractor may earn in whole or in part under the Task Order. The amount of fee is determined by the Fee Determining Official (FDO) on the basis of an annual evaluation of contractor performance using specified evaluation criteria outlined herein.

Evaluation Periods: The Government will evaluate the contractor's performance once annually, and the evaluation will coincide with dates identified in Section F. The Government reserves the right to unilaterally change the frequency with which evaluations are conducted.

CONTRACT NO. N00178-04-D-4030	DELIVERY ORDER NO. N00178-04-D-4030-EH05	AMENDMENT/MODIFICATION NO. 55	PAGE 26 of 79	FINAL
----------------------------------	---	----------------------------------	------------------	-------

Fee Determining Official (FDO): A designated Government official who will review recommendations of the Award Fee Determination Board (AFDB) and determine the amount of award fee earned by the contractor.

Award Fee Review Board (AFRB): A committee of Government officials responsible for assessing the Contractor's performance during each evaluation period and recommending to the FDO an award fee amount.

Award Fee Evaluation Criteria: Specific factors which detail the various elements of performance and upon which performance is evaluated.

Technical Instruction (TI): Used to supplement the Statement of Work with specific details on efforts to be accomplished and the deliverables to be provided during a specified period of time, within a specified cost, and at an acceptable quality. Each TI will contain cost, schedule and requirements for the tasks and deliverables. Award Fee will be calculated based on how the contractor performs against these criteria.

(9) Award Fee Process.

Available Award Fee Pool. The amount of available Award Fee will be determined as described in this clause (paragraph (a) (2) (iv)) at the end of each evaluation period.

Evaluation Criteria. If the Contracting Officer does not give specific notice in writing to the contractor of any change to the evaluation criteria prior to the start of a new evaluation period, then the same criteria listed for the preceding evaluation period will be used in the following Award Fee evaluation period. Modifications to the Award Fee Plan shall take effect in the next evaluation period.

Self-Evaluation Process. The Contractor shall provide the Government a written self-evaluation not to exceed twenty-five (25) pages in length which addresses the evaluation factors not later than fourteen (14) days after submission of final cost reporting for the last month of the evaluation period.

Evaluations. Performance monitors submit their evaluation reports to the AFRB within fourteen (14) days after the end of the evaluation period. The AFRB prepares its evaluation report and recommendation for the FDO. The Contractor self-assessment will be provided to the FDO as part of the determination package. The AFRB briefs the evaluation report and recommendation to the FDO. The FDO determines the overall grade and determines the amount of Award Fee earned for the evaluation period within ninety (90) calendar days after each evaluation period. The FDO letter informs the Contractor of the evaluation results. If the Contractor earns Award Fee, the Contracting Officer issues a Task Order modification within thirty (30) calendar days after the FDO's determination to authorize payment of an Award Fee amount.

EXPEDITING CONTRACT CLOSEOUT (NAVSEA) (DEC 1995)

(a) As part of the negotiated fixed price or total estimated amount of this contract, both the Government and the Contractor have agreed to waive any entitlement that otherwise might accrue to either party in any residual dollar amount of \$500 or less at the time of final contract closeout. The term "residual dollar amount" shall include all money that would otherwise be owed to either party at the end of the contract, except that, amounts connected in any way with taxation, allegations of fraud and/or antitrust violations shall be excluded. For purposes of determining residual dollar amounts, offsets of money owed by one party against money that would otherwise be paid by that party may be considered to the extent permitted by law.

(b) This agreement to waive entitlement to residual dollar amounts has been considered

CONTRACT NO. N00178-04-D-4030	DELIVERY ORDER NO. N00178-04-D-4030-EH05	AMENDMENT/MODIFICATION NO. 55	PAGE 27 of 79	FINAL
----------------------------------	---	----------------------------------	------------------	-------

by both parties. It is agreed that the administrative costs for either party associated with collecting such small dollar amounts could exceed the amount to be recovered.

LIMITATION OF COST OR LIMITATION OF FUNDS LANGUAGE

The clause entitled "LIMITATION OF COST" (FAR 52.232-20) or "LIMITATION OF FUNDS" (FAR 52.232-22), as appropriate, shall apply separately and independently to each separately identified estimated cost.

PAYMENTS OF FEE(S) (LEVEL OF EFFORT) (NAVSEA) (MAY 1993) (Applicable to all Labor CLINs, including SURGE and Special Studies Option Items)

(a) For purposes of this contract, "fee" means "target fee" in cost-plus-incentive-fee type contracts, "base fee" in cost-plus-award-fee type contracts, or "fixed fee" in cost-plus-fixed-fee type contracts for level of effort type contracts.

(b) The Government shall make payments to the Contractor, subject to and in accordance with the clause in this contract entitled "FIXED FEE" (FAR 52.216-8) or "INCENTIVE FEE", (FAR 52.216-10), as applicable. Such payments shall be equal to percent of the allowable cost of each invoice submitted by and payable to the Contractor pursuant to the clause of this contract entitled "ALLOWABLE COST AND PAYMENT" (FAR 52.216-7), subject to the withholding terms and conditions of the "FIXED FEE" or "INCENTIVE FEE" clause, as applicable (percentage of fee is based on fee dollars divided by estimated cost dollars, including facilities capital cost of money). Total fee(s) paid to the Contractor shall not exceed the fee amount(s) set forth in this contract.

(c) The fee(s) specified in SECTION B, and payment thereof, is subject to adjustment pursuant to paragraph (g) of the special contract requirement entitled "LEVEL OF EFFORT." If the fee(s) is reduced and the reduced fee(s) is less than the sum of all fee payments made to the Contractor under this contract, the Contractor shall repay the excess amount to the Government. If the final adjusted fee exceeds all fee payments made to the contractor under this contract, the Contractor shall be paid the additional amount, subject to the availability of funds. In no event shall the Government be required to pay the Contractor any amount in excess of the funds obligated under this contract at the time of the discontinuance of work.

(d) Fee(s) withheld pursuant to the terms and conditions of this contract shall not be paid until the contract has been modified to reduce the fee(s) in accordance with the "LEVEL OF EFFORT" special contract requirement, or until the Procuring Contracting Officer has advised the paying office in writing that no fee adjustment is required.

TRAVEL COSTS - ALTERNATE I (NAVSEA) (DEC 2005) (Applicable to ODC CLINs)

(a) Except as otherwise provided herein, the Contractor shall be reimbursed for its reasonable actual travel costs in accordance with FAR 31.205-46. The costs to be reimbursed shall be those costs accepted by the cognizant DCAA.

(b) Reimbursable travel costs include only that travel performed from the Contractor's facility to the worksite, in and around the worksite, and from the worksite to the Contractor's facility.

(c) Relocation costs and travel costs incident to relocation are allowable to the extent provided in FAR 31.205-35; however, Contracting Officer approval shall be required prior to incurring relocation expenses and travel costs incident to relocation.

(d) The Contractor shall not be reimbursed for the following daily local travel costs:

CONTRACT NO. N00178-04-D-4030	DELIVERY ORDER NO. N00178-04-D-4030-EH05	AMENDMENT/MODIFICATION NO. 55	PAGE 28 of 79	FINAL
----------------------------------	---	----------------------------------	------------------	-------

- (i) travel at U.S. Military Installations where Government transportation is available,
- (ii) travel performed for personal convenience/errands, including commuting to and from work, and
- (iii) travel costs incurred in the replacement of personnel when such replacement is accomplished for the Contractor's or employee's convenience.

CONTRACT NO. N00178-04-D-4030	DELIVERY ORDER NO. N00178-04-D-4030-EH05	AMENDMENT/MODIFICATION NO. 55	PAGE 29 of 79	FINAL
----------------------------------	---	----------------------------------	------------------	-------

SECTION C DESCRIPTIONS AND SPECIFICATIONS

The mission of PMS 500 is to maintain ship design, and build, outfit, test, and introduce to the fleet DDG 1000 Destroyer Class ships. The focus of PMS 500 is ship design and construction, and this requires a full range of engineering and program support services. These services are necessary through each of the programmatic stages; construction, delivery, test and trials.

The services and products to be obtained under this Task Order require that the Contractor not have an organizational conflict of interest in the performance of this Contract. The Prime Contractors producing the DDG 1000 are Bath Iron Works (General Dynamics), Northrop Grumman Shipbuilding (Northrop Grumman), Raytheon Integrated Defense Systems (Raytheon Service Company), Rolls-Royce, Converteam and BAE Systems. These Primes have subcontracts and vendors. The Contractor shall not have an organizational conflict of interest with the Primes, subcontractors or vendors.

PMS 500 require services to support execution of its responsibility to construct, test, trial and ready ships for Sail Away. This Statement of Work (SOW) includes support in the areas of technical integration and management and test and evaluation services in order to assist PMS 500 in accomplishing its mission and objectives. These tasks shall be primarily executed in Washington, DC in the vicinity of the Washington Navy Yard, the headquarters location for PMS 500. Other sites may be required on an as directed basis or may be permitted on as requested basis.

Tasking Areas are planned as follows:

- Task 1. Total Ship System Integration and Test (SCN)
- Task 2. Test and Evaluation Services (RDT&E)
- Task 3. Construction Test Class Services (SCN)

The Contractor shall perform support services in coordination with the Government's Task Manager identified in Section G.

The Contractor shall prepare documentation, develop and manage processes, perform analysis and file and archive documentation.

The Contractor shall receive, log, and track unclassified, for official use only and classified documents.

The Contractor shall have an electronic mail capability and have the necessary connectivity to communicate with PMS 500 team members. A system fully compatible with MS Outlook mail is required in order to communicate and coordinate meetings and schedules with PMS 500. The Contractor must have the capacity to interface via electronic mail and provide Internet access for all employees proposed to support this task. In addition, the Contractor shall be required to use Teamcenter administered by Northrop Grumman Shipbuilding.

The Contractor shall provide classified, up to the SECRET-NOFORN level, and unclassified conference rooms, and associated facilities for holding Government sponsored meetings, tele-conferencing and briefings for PMS 500 program personnel. Conference rooms and facilities should accommodate four meetings simultaneously, accommodating minimally 15 persons in each meeting. Meeting facilities are required to be within 20 minutes walking distance from the Washington Navy Yard (WNY). The Contractor shall have routine access to additional conference rooms as necessary and be able to host meetings and

CONTRACT NO. N00178-04-D-4030	DELIVERY ORDER NO. N00178-04-D-4030-EH05	AMENDMENT/MODIFICATION NO. 55	PAGE 30 of 79	FINAL
----------------------------------	---	----------------------------------	------------------	-------

program reviews accommodating, minimally, 100 persons in locations convenient to the Washington Navy Yard and/or locations in the Washington metropolitan Area with sufficient visitor parking available.

The Contractor shall support surge requirements and special studies as necessary, and directed by the government, for all tasks for the duration of the period of performance.

SECURITY REQUIREMENTS

The work under this contract shall be up to the SECRET-NOFORN level for all included tasks. The Contractor shall provide SIPRNet (Secret Internet Protocol Router Network) access. Contract personnel shall be given access to SIPRNET resources necessary to execute the tasks and responsibilities outlined throughout this SOW. Specific security requirements are as described in the attached DD254 (Attachment 2).

TASK 1 - DDG 1000 TOTAL SHIP SYSTEM INTEGRATION AND TEST (SCN)

a. Technical Director Support. The Contractor shall provide technical and technical acquisition management support to the DDG 1000 Technical Director (PMS 500T) and Deputy Technical Director (PMS 500TB) to manage DDG 1000 ZUMWALT Class Destroyer technical efforts to maintain detail design and perform technical oversight and evaluation of integration, construction, and ship activation activities of the DDG 1000 class destroyers. The Contractor shall manage assignment and the completion of action items and provide the full spectrum of services as outlined below. All of the efforts described below are in direct support of the maintaining the detail design and integrity of the construction of DDG 1000 class ships.

(1) The Contractor shall establish and execute a workflow process for the efficient receipt, processing, and electronic storage of information, including paper documents, electronic mail, and telephone conversations. The Contractor shall establish and execute a system for the processing, monitoring, and performing quality assurance verification of extensive and complex technical and managerial actions, and ensure all actions are completed on time. The Contractor shall develop technical and analytical decision and informational presentations appropriate for senior level Navy leadership. The Contractor shall complete and/or coordinate the completion of daily action items with Technical Directorate Division Heads, often on short notice, from higher authority, and on a wide variety of technical subjects. The Contractor shall ensure the accuracy and quality of responses prior to submission to the Technical Director and/or Deputy for their review and approval. The Contractor shall prepare technical reports, including the weekly receipt, consolidation, and editing of feeder reports to prepare reports of Technical Directorate accomplishments and status of issue resolution. The Contractor shall manage the Technical Director (TD) System Integration Team (SIT) decision forum, prioritizing decision and information topics based on urgency, liaison with the prime contractors, prepare and distribute meeting agendas and reports, and administratively conduct the meetings. The Contractor shall communicate effectively and professionally to liaison with the DDG 1000 Program Manager, Deputy Program Manager, Department Heads, Division Heads, representatives from the Office of the Chief of Naval Operations, other Program Executive Officers, and numerous other senior levels of Navy

CONTRACT NO. N00178-04-D-4030	DELIVERY ORDER NO. N00178-04-D-4030-EH05	AMENDMENT/MODIFICATION NO. 55	PAGE 31 of 79	FINAL
----------------------------------	---	----------------------------------	------------------	-------

leadership.

(2) The Contractor shall provide a full range of administrative and executive assistant services to the Technical Director and the Deputy, including maintaining their calendar and scheduling their appointments; screening telephone calls and visitors to ascertain their needs and the level of importance or urgency of the matter, in order to determine whether they should be referred to a member of the Director's staff; arrange conferences and meetings; make travel and itinerary arrangements; coordinate matters requiring action by Technical Directorate staff or other officials in the Program Office; edit all documents originating from the Technical Directorate for compliance with the Navy Correspondence Manual; exercises authority to correct, or to return for correction, any items that do not meet acceptable standards; prepare varied materials in draft or in final form, using office automation equipment; and assist the Technical Director and Deputy in focusing their limited time on the Directorate's most urgent matters.

b. Total Ship Integration and Test Support. The Contractor shall provide technical and technical acquisition management support to the DDG 1000 Total Ship Integration and Test (TSI&T) Manager for the design integration and test, and ship activation and test of DDG 1000 systems.

(1) The Contractor shall provide expertise to plan, coordinate, and manage the execution of all technical efforts to integrate and test DDG 1000 total ship systems at land based test sites and aboard ship.

(2) The Contractor shall liaison with PEO (IWS) and PEO (C4I) integration managers to assist in technical issue resolution and to ensure the seamless integration and test of warfare systems and C4ISR systems to Hull, Mechanical, and Electrical (HM&E) systems.

(3) The Contractor shall coordinate with the DDG 1000 Test Director (PMS 500N) to understand and staff all developmental, operational, and live fire test activities required, including the preparation, review, and quality assurance verification of responses to Commander, Operational Test and Evaluation Force (COMOPTEVFOR) Operational Issues and Assessments and Board of Inspection and Survey (INSURV) trial cards against the ship design.

(4) The Contractor shall provide expertise in managing Post Post Delivery Availability (PDA)/ Shakedown Availability (PSA) planning packages, including close liaison with the DDG1000 Baseline Director (PMS 500R), maintaining an accurate list of all design changes deferred to PDA / PSA, developing an installation phasing schedule, overseeing the preparation of Engineering Change Proposals (ECPs), and assisting in prioritizing approved changes based on program budget.

(5) The Contractor shall provide administrative support, including maintaining the calendar and scheduling appointments; screening telephone calls; coordinate completion of action items; edit documents for compliance with the Navy Correspondence Manual; and prepare varied materials in draft or in final form, using office automation equipment.

c. Hull, Mechanical, and Electrical Support. The Contractor shall provide technical and technical acquisition management support to the DDG 1000 Hull, Mechanical, and Electrical (HM&E) Systems Integration Manager for the integration and test of over 55 DDG 1000 HM&E systems.

(1) The Contractor shall assist in the planning, coordination, and execution of all technical efforts for the production of all major DDG 1000 HM&E

CONTRACT NO. N00178-04-D-4030	DELIVERY ORDER NO. N00178-04-D-4030-EH05	AMENDMENT/MODIFICATION NO. 55	PAGE 32 of 79	FINAL
----------------------------------	---	----------------------------------	------------------	-------

hardware and software systems, their integration and test with the Ship and Engineering Control System, testing at land based test sites, and installation and test aboard DDG 1000 Class Destroyers.

(2) The Contractor shall conduct and oversee programmatic and technical reviews of HM&E system requirements, specifications, system designs and analyses, waivers, and test readiness reviews. The Contractor shall oversee the delivery of vendor and Government Furnished Information (GFI) and Property (GFP) and American Bureau of Shipping (ABS) and Naval Technical Authority design approvals.

(3) The Contractor shall work closely with the NAVSEA 05 Ship Design Manager on the resolution of technical issues and coordinate with other project engineers and managers within the Program Office on the integration and test of HM&E systems with the other shipboard systems.

(4) The Contractor shall represent and provide technical advice and guidance on behalf of the HM&E Systems Integration Manager to project engineers, Naval activities, and major contractors with regard to the planning, conducting, and reporting of HM&E systems development, integration, and test activities. The Contractor shall assist to arbitrate and determine courses of action for issues affecting HM&E systems design, integration, and test. The Contractor shall investigate and provide recommendations to the HM&E Systems Integration Manager to resolve DDG 1000 HM&E design, production, integration, and test problems.

(5) The Contractor shall provide administrative support, including maintaining the calendar and scheduling appointments; screening telephone calls; coordinate completion of action items; edit documents for compliance with the Navy Correspondence Manual; and prepare varied materials in draft or in final form, using office automation equipment.

d. Mission Systems Integration Support. The Contractor shall provide technical and technical acquisition management support to the DDG 1000 Mission Systems Integration (MSI) Officer for the integration and testing of the DDG 1000 warfare systems and Command, Control, Communications, Computer, Intelligence, Surveillance, and Reconnaissance (C4ISR) systems, including those systems provided as Government Furnished Property (GFP) by PEO (IWS) and PEO (C4I).

(1) The Contractor shall provide business, financial execution, and contract management support to the MSI Officer. The Contractor shall monitor Prime Contractor Earned Value Management System (EVMS) performance, coordinate the preparation of yearly MSI Division budget, review obligation and expenditure data to ensure compliance to approved budgets, and ensure the completion of contract actions, including review or approval of Contract Data Requirements List (CDRL) deliverables and preparation of contract documents, such as letters and statements of work.

(2) The Contractor shall provide warfare systems and C4ISR expertise to support the production, integration, and test of the DDG 1000 Mission System, including electronic warfare, command and control (C2), information security, and external communication systems expertise.

(3) The Contractor shall investigate and provide recommendations to the MSI Officer to resolve DDG 1000 Mission System design, production, integration, and test problems.

CONTRACT NO. N00178-04-D-4030	DELIVERY ORDER NO. N00178-04-D-4030-EH05	AMENDMENT/MODIFICATION NO. 55	PAGE 33 of 79	FINAL
----------------------------------	---	----------------------------------	------------------	-------

(4) The Contractor shall support Developmental and Operational Test & Evaluation events. The Contractor shall work closely with and monitor PEO (IWS) and PEO (C4I) provided systems to ensure design completion, production, integration, and test is completed according to schedule and meets shipyard delivery and test need dates.

(5) The Contractor shall provide administrative support to the MSI Officer, including maintaining the calendar and scheduling appointments; screening telephone calls; coordinate completion of action items; edit documents for compliance with the Navy Correspondence Manual; and prepare varied materials in draft or in final form, using office automation equipment.

e. Software Integration Support. The Contractor shall provide technical and technical acquisition management support to the DDG 1000 Software Integration Manager for the integration and testing of Government-developed software (currently over 6 million ESLOC of software).

(1) The Contractor shall provide software engineering, integration, and test expertise to manage the overall integration and test of PEO (Ships) software with PEO (IWS) warfare systems and PEO (C4I) C4ISR software, including assisting in the resolution of complex software trouble reports. The Contractor shall provide software safety expertise to ensure all safety critical software is developed in accordance with applicable program work instructions.

(2) The Contractor shall provide administrative support, including maintaining the calendar and scheduling appointments; screening telephone calls; coordinate completion of action items; edit documents for compliance with the Navy Correspondence Manual; and prepare varied materials in draft or in final form, using office automation equipment.

f. Aviation Systems Support. The Contractor shall provide technical and technical acquisition management support to the DDG 1000 Aviation Systems Integration (ASI) Manager for the integration and test of the DDG 1000 aviation systems, including those systems provided as Government Furnished Property (GFP) by NAVAIR.

(1) The Contractor shall provide expertise in SH-60 helicopter and UAV operations, aviation systems design, production, and test, including facilities, safety, and manning.

(2) The Contractor shall investigate and provide recommendations to the ASI Manager to resolve DDG 1000 aviation system design, production, integration, certification, and test problems.

(3) The Contractor shall work closely with and monitor NAVAIR provided systems to ensure design completion, production, integration, and test is completed according to schedule and meets shipyard delivery and test need dates.

g. Business and Financial Support to Technical Director. The Contractor shall provide business and financial execution and contract management support to the Technical Director. The Contractor shall coordinate the preparation and review of the yearly Department budget with the Technical Directorate Division Heads. The Contractor shall review monthly obligation and expenditure data to ensure tracking to approved budgets. The Contractor shall establish and

CONTRACT NO. N00178-04-D-4030	DELIVERY ORDER NO. N00178-04-D-4030-EH05	AMENDMENT/MODIFICATION NO. 55	PAGE 34 of 79	FINAL
----------------------------------	---	----------------------------------	------------------	-------

execute a system for the efficient tracking of Technical Directorate contract actions, including contract letters, Contract Data Requirements List (CDRL) deliverables, and contract modifications. The Contractor shall ensure that all milestone dates for all business, financial, and contract actions are achieved.

h. Program Risk Manager. The Contractor shall serve as the DDG 1000 Program Risk Manager and execute the program Risk Management Plan in accordance with PMS 500 INSTRUCTION 3058.1. The Contractor shall perform day-to-day management, implementation, and maintain process integrity of the DDG 1000 risk management process. The Contractor shall work closely with the Prime Contractor Risk Managers and provide leadership to standardize and integrate risk inputs across all functional areas. The Contractor shall coordinate risk identification and assessment and creation and tracking of mitigation plans. The Contractor shall make preparations for Risk Review Boards and maintain the program Risk Register.

i. Human Systems Integration Support. The Contractor shall provide Human Systems Integration (HSI) subject matter expertise in the areas of engineering control, damage control, and ship control (bridge operations) in the context of manpower, personnel and training requirements.

(1) The Contractor shall manage Vendor Furnished Information (VFI) and assess adequacy of the VFI for engineering, damage control, and bridge systems as they relate to operational and maintenance workload, rating and training requirements.

(2) The Contractor shall work with system technical leads to develop concepts of operations and operating procedures for plant management, damage control, and ship evolutions including normal underway steaming, underway replenishment, restricted maneuvering, in-port, and Anti-Terrorism Force Protection (ATFP) evolutions.

(3) The Contractor shall participate in ship control system reviews, test events, and other system milestones where HSI expertise in these areas is required.

(4) The Contractor shall support the Manning Concept Review Board (MCRB), Navy Training Systems Plan (NTSP) Reviews, and task analysis reviews related to ship control functions.

(5) The Contractor shall work with Navy community managers to identify any unique skill sets and difference training necessary to meet DDG 1000 crewing requirements and identify suitable difference training course requirements.

j. Environmental, Safety, and Health Support. The Contractor shall provide Environmental, Safety, and Health (ESH) expertise to ensure the DDG 1000 Program is in compliance with Federal and State Law, Department of Defense policies, and all other applicable regulations. The Contractor shall prepare materials for review and approval concerning DDG 1000 Program's NEPA compliance, ESH regulation compliance, Hazardous Material Minimization and Management, Pollution Prevention compliance and environmental aspects of Weapon System Explosive Safety Review Board (WSESRB), developmental and operational testing and Software System Safety Technical Review Panel (SSSTRP) data packages.

k. Naval Architecture Support. The Contractor shall provide naval architecture and tumblehome hull form expertise to represent the Technical

CONTRACT NO. N00178-04-D-4030	DELIVERY ORDER NO. N00178-04-D-4030-EH05	AMENDMENT/MODIFICATION NO. 55	PAGE 35 of 79	FINAL
----------------------------------	---	----------------------------------	------------------	-------

Director on the Hull Form Plan (HFP) Integrated Product Team (IPT). The Contractor shall participate in all IPT meetings, provide meeting reports, have a full understanding of the approved HFP, ensure the HFP is executed in accordance with the approved budget, coordinate program and technical reviews, and, more importantly, provide recommendations to the Technical Director to balance operational risk with program budget constraints. The Contractor shall have expertise in the areas of dynamic stability, wind and wave affects, Failure Modes and Effects Analysis (FMEA), the computer program FREDYN, and model testing.

TASK 2 - TEST AND EVALUATION SERVICES (RDT&E)

- a. The Contractor shall provide Test and Evaluation (T&E) engineering and program management support in order to generate, review, and approve DDG 1000 T&E documentation, coordination of T&E personnel across program, manage T&E processes, manage modeling and simulation (M&S) Verification, Validation and Accreditation (VV&A) processes, maintain program and test schedules, manage and track action item completion, and prepare presentations during the time period defined by conduct of detail design and construction of the lead ships in support of the DDG 1000 Program Office Test Director (PMS 500N). The Contractor shall produce weekly reports, coordinate T&E staff meetings and T&E cross product team meetings, monitor T&E issues within technical, production and logistics activities, and maintain resources and budget requirements.
- b. The Contractor shall generate T&E documentation and plans including Test and Evaluation Master Plan (TEMP) revisions, Integrated Test Plan (ITP), Integrated Verification Plan (IVP), Developmental Test (DT) Plans, and related certification plans. The Contractor shall support implementation of the DDG 1000 T&E strategy, participation in prime contractors' Integrated Product and Process Development (IPPD) processes, support of the planning and conduct of the T&E events, and coordinate development of requirements in support of changing Threat, Design Reference Mission and Operational Requirements documentation.
- c. The Contractor shall maintain the master ship T&E schedules, providing interface to users and resource managers, within and outside of the Program for all Total Ship System Engineering tests, including Government and Design Agent's (Shipbuilder and Mission System Equipment) generated/executed procedures.
- d. The Contractor shall provide test support, including: reviewing of efforts of operation test teams to ensure compliance with test objectives and requirements, attending progress meetings, provide technical expertise, review and evaluation of test issues, conduct test planning/ conduct risk assessment review integrated reports, identify and report technical/ schedule/ cost issues, and manage environmental assessments and mitigations and operational security.
- e. The Contractor shall establish and execute a workflow process for the efficient receipt, processing, and electronic storage of information, including paper documents and electronic mail. The Contractor shall establish a system for the processing, monitoring, and quality assurance completion of actions assigned, ensuring all actions are completed on time. The Contractor shall develop test and test related analytical presentations appropriate for senior level Navy leadership. The Contractor shall participate to represent test efforts in the Technical Director (TD) System Integration Team (SIT) decision forum, forums for statusing and resolving construction and production issues and in the Integrated Logistics Support Management Team.

CONTRACT NO. N00178-04-D-4030	DELIVERY ORDER NO. N00178-04-D-4030-EH05	AMENDMENT/MODIFICATION NO. 55	PAGE 36 of 79	FINAL
----------------------------------	---	----------------------------------	------------------	-------

TASK 3 - CONSTRUCTION TEST CLASS SERVICES (SCN)

a. The Contractor shall provide test engineering and program management support in order to generate, review, and approve DDG 1000 Class stage test and trial documentation, coordination of test personnel across program, manage test processes, manage modeling and simulation (M&S) Verification, Validation and Accreditation (VV&A) processes, maintain program and test schedules, manage and track action items, and prepare presentations during the time period defined by conduct of detail design and construction of the lead ships in support of the DDG 1000 Program Office Test Director (PMS 500N). The Contractor shall participate to represent test efforts in the Production Director Decision forums for status and resolution of construction and production issues. The Contractor shall produce weekly reports, participate in test staff meetings, monitor T&E issues within technical and productions activities and maintain resources and budget requirements.

b. The Contractor shall manage the review and approval of stage test and certification documentation and plans including specifications, test plans and test procedures and obtain the concurrence of the PMS 500 Department Heads, Technical Team and NAVSEA Technical Warrant Holders, as required by the Test Director. The Contractor shall support implementation of the DDG 1000 stage test strategy, participation in prime contractors' Integrated Product and Process Development (IPPD) processes, and support the planning and conduct of the test events.

c. The Contractor shall maintain the master ship test and trial schedules, providing interface to users and resource managers.

d. The Contractor shall provide test support, including: reviewing of efforts of operation test teams to ensure compliance with test objectives and requirements, attending progress meetings, provide technical expertise, review and evaluation of test issues, conduct test planning/ conduct risk assessment, review integrated reports, identify and report technical/ schedule/ cost issues, and manage environmental assessments and mitigation and operational security.

Special Studies (Applicable to all Tasks listed in Section C - Statement of work

The Contractor shall perform and deliver studies, planning analysis, projects process improvements and/or excursions as related to the Task Statement of Work as listed in Section C. The Government shall coordinate with the Contractor the specific tasks to be documented in Technical Instructions and issued to the Contractor. Below is a list of example subject areas that the Contractor may be asked to research. This is not an all encompassing list, and due to the dynamic nature of the program, actual study requests may be other than those listed.

Task 1:

Example 1: The Contractor shall study the land-based and in-ship integration and test techniques of combatant platforms to develop the lessons learned to assist in process improvement efforts for DDG 1000.

Example 2: The Contractor shall examine the design change and its impact to the technical and safety performance requirements of HM&E systems and their interfaces to combat and external communications.

-

CONTRACT NO. N00178-04-D-4030	DELIVERY ORDER NO. N00178-04-D-4030-EH05	AMENDMENT/MODIFICATION NO. 55	PAGE 37 of 79	FINAL
----------------------------------	---	----------------------------------	------------------	-------

Example 3: The Contractor shall coordinate and manage the studies related to deficiency correction initiatives.

Task 2:

Example 1: The Contractor shall manage and assist in determination total ship, ship system and/or ship element Developmental Testing alternatives to existing program of record Test and Evaluation Master Plan.

Example 2: The Contractor shall research the pedigree of testing particular ship systems to assess Developmental Test cost, schedule and test-article configurations.

Example 3: The Contractor shall study Developmental Testing plans, procedures and techniques for implementation as lessons learned for DDG 1000.

Task 3:

Example 1: The Contractor shall manage and assist in determination total ship, ship system and/or ship element Stage Testing alternatives to existing program of record DDG 1000 Test Index.

Example 2: The Contractor shall study Stage Testing plans, procedures and techniques for implementation as lessons learned for DDG 1000 Stage Test and Trials.

Example 3: The Contractor shall study changes in requirements from Technical Warrant Holder's documentation and Individual Certifiers for affect on the Stage Test program of record.

DELIVERABLES (applicable to all Tasks):

The Contractor shall prepare a monthly report, signed by the Contractor's Task Lead. Monthly performance reports will constitute certification of the contractor's invoices. The Monthly Report shall identify products provided, or in progress, during the reporting period. The report shall also itemize work accomplished and highlight significant events. The report shall include a cost expenditure plan on a SLIN basis, expenditure status to the plan and, specifically identifying travel and other direct charges. Additionally, the report shall tally invoice status, noting payments and outstanding balances. The reporting template for this deliverable is provided in Section J, Exhibit A.

CLAUSES INCORPORATED IN FULL TEXT

ORGANIZATIONAL CONFLICT OF INTEREST (NAVSEA) (JUL 2000)

(a) "Organizational Conflict of Interest" means that because of other activities or relationships with other persons, a person is unable or potentially unable to render impartial assistance or advice to the Government, or the person's objectivity in performing the contract work is or might be otherwise impaired, or a person has an unfair competitive advantage. "Person" as used herein includes Corporations, Partnerships, Joint Ventures, and other business enterprises.

(b) The Contractor warrants that to the best of its knowledge and belief, and except as otherwise set forth in the contract, the Contractor does not have any organizational conflict of interest(s) as defined in paragraph (a).

CONTRACT NO. N00178-04-D-4030	DELIVERY ORDER NO. N00178-04-D-4030-EH05	AMENDMENT/MODIFICATION NO. 55	PAGE 38 of 79	FINAL
----------------------------------	---	----------------------------------	------------------	-------

(c) It is recognized that the effort to be performed by the Contractor under this contract may create a potential organizational conflict of interest on the instant contract or on a future acquisition. In order to avoid this potential conflict of interest, and at the same time to avoid prejudicing the best interest of the Government, the right of the Contractor to participate in future procurement of equipment and/or services that are the subject of any work under this contract shall be limited as described below in accordance with the requirements of FAR 9.5.

(d) (1) The Contractor agrees that it shall not release, disclose, or use in any way that would permit or result in disclosure to any party outside the Government any information provided to the Contractor by the Government during or as a result of performance of this contract. Such information includes, but is not limited to, information submitted to the Government on a confidential basis by other persons. Further, the prohibition against release of Government provided information extends to cover such information whether or not in its original form, e.g., where the information has been included in Contractor generated work or where it is discernible from materials incorporating or based upon such information. This prohibition shall not expire after a given period of time.

(2) The Contractor agrees that it shall not release, disclose, or use in any way that would permit or result in disclosure to any party outside the Government any information generated or derived during or as a result of performance of this contract. This prohibition shall expire after a period of three years after completion of performance of this contract.

(3) The prohibitions contained in subparagraphs (d) (1) and (d) (2) shall apply with equal force to any affiliate of the Contractor, any subcontractor, consultant, or employee of the Contractor, any joint venture involving the Contractor, any entity into or with which it may merge or affiliate, or any successor or assign of the Contractor. The terms of paragraph (f) of this Special Contract Requirement relating to notification shall apply to any release of information in contravention of this paragraph (d).

(e) The Contractor further agrees that, during the performance of this contract and for a period of three years after completion of performance of this contract, the Contractor, any affiliate of the Contractor, any subcontractor, consultant, or employee of the Contractor, any joint venture involving the Contractor, any entity into or with which it may subsequently merge or affiliate, or any other successor or assign of the Contractor, shall not furnish to the United States Government, either as a prime contractor or as a subcontractor, or as a consultant to a prime contractor or subcontractor, any system, component or services which is the subject of the work to be performed under this contract. This exclusion does not apply to any recompetition for those systems, components or services furnished pursuant to this contract. As provided in FAR 9.505-2, if the Government procures the system, component, or services on the basis of work statements growing out of the effort performed under this contract, from a source other than the contractor, subcontractor, affiliate, or assign of either, during the course of performance of this contract or before the three year period following completion of this contract has lapsed, the Contractor may, with the authorization of the cognizant Contracting Officer, participate in a subsequent procurement for the same system, component, or service. In other words, the Contractor may be authorized to compete for procurement(s) for systems, components or services subsequent to an intervening procurement.

(f) The Contractor agrees that, if after award, it discovers an actual or potential organizational conflict of interest, it shall make immediate and full

CONTRACT NO. N00178-04-D-4030	DELIVERY ORDER NO. N00178-04-D-4030-EH05	AMENDMENT/MODIFICATION NO. 55	PAGE 39 of 79	FINAL
----------------------------------	---	----------------------------------	------------------	-------

disclosure in writing to the Contracting Officer. The notification shall include a description of the actual or potential organizational conflict of interest, a description of the action which the Contractor has taken or proposes to take to avoid, mitigate, or neutralize the conflict, and any other relevant information that would assist the Contracting Officer in making a determination on this matter. Notwithstanding this notification, the Government may terminate the contract for the convenience of the Government if determined to be in the best interest of the Government.

(g) Notwithstanding paragraph (f) above, if the Contractor was aware, or should have been aware, of an organizational conflict of interest prior to the award of this contract or becomes, or should become, aware of an organizational conflict of interest after award of this contract and does not make an immediate and full disclosure in writing to the Contracting Officer, the Government may terminate this contract for default.

(h) If the Contractor takes any action prohibited by this requirement or fails to take action required by this requirement, the Government may terminate this contract for default.

(i) The Contracting Officer's decision as to the existence or nonexistence of an actual or potential organizational conflict of interest shall be final.

(j) Nothing in this requirement is intended to prohibit or preclude the Contractor from marketing or selling to the United States Government its product lines in existence on the effective date of this contract; nor, shall this requirement preclude the Contractor from participating in any research and development or delivering any design development model or prototype of any such equipment. Additionally, sale of catalog or standard commercial items are exempt from this requirement.

(k) The Contractor shall promptly notify the Contracting Officer, in writing, if it has been tasked to evaluate or advise the Government concerning its own products or activities or those of a competitor in order to ensure proper safeguards exist to guarantee objectivity and to protect the Government's interest.

(l) The Contractor shall include this requirement in subcontracts of any tier which involve access to information or situations/conditions covered by the preceding paragraphs, substituting "subcontractor" for "contractor" where appropriate.

(m) The rights and remedies described herein shall not be exclusive and are in addition to other rights and remedies provided by law or elsewhere included in this contract.

(n) Compliance with this requirement is a material requirement of this contract.

ACCESS TO PROPRIETARY DATA OR COMPUTER SOFTWARE

(a) Performance under this contract may require that the Contractor have access to technical data, computer software, or other sensitive data of another party who asserts that such data or software is proprietary. If access to such data or software is required or to be provided, the Contractor shall enter into a written agreement with such party prior to gaining access to such data or software. The agreement shall address, at a minimum, (1) access to, and use of, the proprietary data or software exclusively for the purposes of performance of the work required by this contract, and (2) safeguards to protect such data or

CONTRACT NO. N00178-04-D-4030	DELIVERY ORDER NO. N00178-04-D-4030-EH05	AMENDMENT/MODIFICATION NO. 55	PAGE 40 of 79	FINAL
----------------------------------	---	----------------------------------	------------------	-------

software from unauthorized use or disclosure for so long as the data or software remains proprietary. In addition, the agreement shall not impose any limitation upon the Government or its employees with respect to such data or software. A copy of the executed agreement shall be provided to the Contracting Officer. The Government may unilaterally modify the contract to list those third parties with which the Contractor has agreement(s).

(b) The Contractor agrees to: (1) indoctrinate its personnel who will have access to the data or software as to the restrictions under which access is granted; (2) not disclose the data or software to another party or other Contractor personnel except as authorized by the Contracting Officer; (3) not engage in any other action, venture, or employment wherein this information will be used, other than under this contract, in any manner inconsistent with the spirit and intent of this requirement; (4) not disclose the data or software to any other party, including, but not limited to, joint venturer, affiliate, successor, or assign of the Contractor; and (5) reproduce the restrictive stamp, marking, or legend on each use of the data or software whether in whole or in part.

(c) The restrictions on use and disclosure of the data and software described above also apply to such information received from the Government through any means to which the Contractor has access in the performance of this contract that contains proprietary or other restrictive markings.

(d) The Contractor agrees that it will promptly notify the Contracting Officer of any attempt by an individual, company, or Government representative not directly involved in the effort to be performed under this contract to gain access to such proprietary information. Such notification shall include the name and organization of the individual, company, or Government representative seeking access to such information.

(e) The Contractor shall include this requirement in subcontracts of any tier which involve access to information covered by paragraph (a), substituting "subcontractor" for "Contractor" where appropriate.

(f) Compliance with this requirement is a material requirement of this contract.

TECHNICAL INSTRUCTIONS; ADDITIONAL PROVISIONS

Efforts to be performed under Surge and Special Studies CLINs shall only be conducted upon receipt of a completed Technical Instruction, as described and required by the latest NAVSEA instruction (NAVSEAINST 4200.17). In some cases a TI will be issued for base work, to provide additional details to the contractor that may be required for execution of specific tasks, but are not generally required for this work. Within each Technical Instruction a total dollar amount shall be specified, the Contractor shall manage the cost, schedule and performance of each Technical Instruction issued under this contract and shall report cost/schedule/performance progress in accordance with contract CDRL requirements. The Contractor shall perform each Technical Instruction Statement of Work to the level of effort specified within the Technical Instruction and shall not exceed the cost plus fee or number of hours stated in each Technical Instruction. Verbal authorization in lieu of a signed instruction is permissible provided that the verbal authorization is followed up with a technical instruction/amendment as applicable within ten (10) days. The Contractor shall conduct monthly status meetings with the Contracting Officer's Representative (COR), where the Contractor shall report for each Technical Instruction, the cumulative cost incurred, the projected

CONTRACT NO. N00178-04-D-4030	DELIVERY ORDER NO. N00178-04-D-4030-EH05	AMENDMENT/MODIFICATION NO. 55	PAGE 41 of 79	FINAL
----------------------------------	---	----------------------------------	------------------	-------

funding depletion, a determination as to whether the funding is sufficient to complete each Technical Instruction and, if funding is not sufficient, state how much additional funding is required to complete each Technical Instruction.

CONTRACT NO. N00178-04-D-4030	DELIVERY ORDER NO. N00178-04-D-4030-EH05	AMENDMENT/MODIFICATION NO. 55	PAGE 42 of 79	FINAL
----------------------------------	---	----------------------------------	------------------	-------

SECTION D PACKAGING AND MARKING

APPLICABLE TO ALL ITEMS -There are no packaging or marking requirements for the services ordered under this Task Order. All requirements for packaging and marking of supplies or documents associated with the services shall be packaged, packed and marked in accordance with the provisions set forth below or as specified in the Technical Instructions.

DATA PACKAGING LANGUAGE

All unclassified data shall be prepared for shipment in accordance with best commercial practice.

Classified reports, data, and documentation shall be prepared for shipment in accordance with National Industrial Security Program Operating Manual (NISPOM), DOD 5220.22-M dated 28 February 2006.

MARKING OF REPORTS (NAVSEA) (SEP 1990)

All reports delivered by the Contractor to the Government under this contract shall prominently show on the cover of the report:

- (1) name and business address of the Contractor
- (2) contract number
- (3) task order number
- (4) name of requiring activity (PMS 500)

CONTRACT NO. N00178-04-D-4030	DELIVERY ORDER NO. N00178-04-D-4030-EH05	AMENDMENT/MODIFICATION NO. 55	PAGE 43 of 79	FINAL
----------------------------------	---	----------------------------------	------------------	-------

SECTION E INSPECTION AND ACCEPTANCE

CLAUSES INCORPORATED BY REFERENCE

52.246-3 Inspection Of Supplies Cost-Reimbursement MAY 2001

52.246-5 Inspection Of Services Cost-Reimbursement APR 1984

CLAUSES INCORPORATED IN FULL TEXT

INSPECTION AND ACCEPTANCE LANGUAGE FOR LOE SERVICES

Item(s) 4000, 4100, 4200, 4300, 4400, and 7000 SERIES - Inspection and acceptance shall be made by the Contracting Officer's Representative (COR) or a designated representative of the Government. **Note that the COR is the TOM identified in Section G of this Task Order.*

HQ E-1-0001 INSPECTION AND ACCEPTANCE LANGUAGE FOR DATA

Inspection and acceptance of all data shall be as specified on the attached Contract Data Requirements List(s), DD Form 1423.

CONTRACT NO. N00178-04-D-4030	DELIVERY ORDER NO. N00178-04-D-4030-EH05	AMENDMENT/MODIFICATION NO. 55	PAGE 44 of 79	FINAL
----------------------------------	---	----------------------------------	------------------	-------

SECTION F DELIVERABLES OR PERFORMANCE

The periods of performance for the following Items are as follows:

4000	1/27/2011 - 1/26/2012
4006	1/27/2011 - 1/26/2012
4100	1/27/2012 - 4/26/2013
4106	1/27/2012 - 1/26/2013
4200	1/27/2013 - 1/26/2014
4206	1/27/2013 - 1/26/2014
4300	1/27/2014 - 2/5/2015
4306	1/27/2014 - 1/26/2015
4400	2/6/2015 - 1/26/2016
4406	10/27/2017 - 10/26/2018
6000	1/27/2011 - 1/26/2012
6100	1/27/2012 - 1/26/2013
6200	1/27/2013 - 1/26/2014
6300	1/27/2014 - 2/5/2015
6400	2/6/2015 - 1/26/2016
7000	1/27/2016 - 1/2/2017
7002	7/18/2016 - 1/2/2017
7006	1/27/2016 - 1/2/2017
7100	1/3/2017 - 1/2/2018
7102	1/3/2017 - 1/2/2018
7106	1/3/2017 - 1/2/2018
7200	1/3/2018 - 1/2/2019
7202	1/3/2018 - 1/2/2019
7300	1/3/2019 - 1/2/2020
7302	1/3/2019 - 1/2/2020
7400	1/3/2020 - 3/24/2020
7402	1/3/2020 - 3/24/2020
9000	1/27/2016 - 1/2/2017
9100	1/3/2017 - 1/2/2018
9200	1/3/2018 - 1/2/2019
9300	1/3/2019 - 1/2/2020
9400	1/3/2020 - 3/24/2020

PERFORMANCE LANGUAGE FOR LOE SERVICES

The Contractor shall perform the work described in SECTION C, at the level of effort specified in SECTION B, as follows (Note the following CLINs do NOT have a period of performance - 4001, 4003, 4005, 4007, 4009, 4101, 4103, 4107, 4109, 4201, 4203, 4205, 4207, 4209, 4301, 4303, 4305, 4307, 4309, 4401, 4403, 4405, 4407, 4409, 6001, 6003, 6005, 6101, 6103, 6105, 6201, 6203, 6205, 6301, 6303, 6305, 6401, 6403, and 6405):

CONTRACT NO. N00178-04-D-4030	DELIVERY ORDER NO. N00178-04-D-4030-EH05	AMENDMENT/MODIFICATION NO. 55	PAGE 46 of 79	FINAL
----------------------------------	---	----------------------------------	------------------	-------

4001	1/27/2011 - 1/26/2012
4002	1/27/2011 - 1/26/2012
4003	1/27/2011 - 1/26/2012
4004	1/27/2011 - 1/26/2012
4005	1/27/2011 - 1/26/2012
4007	1/27/2011 - 1/26/2012
4008	1/27/2011 - 1/26/2012
4009	1/27/2011 - 1/26/2012
4101	1/27/2011 - 1/26/2012
4102	1/27/2012 - 1/26/2013
4103	1/27/2011 - 1/26/2012
4104	1/27/2012 - 1/26/2013
4105	1/27/2011 - 1/26/2012
4107	1/27/2011 - 1/26/2012
4108	1/27/2012 - 1/26/2013
4109	1/27/2011 - 1/26/2012
4201	1/27/2011 - 1/26/2012
4202	1/27/2013 - 1/26/2014
4203	1/27/2011 - 1/26/2012
4204	1/27/2013 - 1/26/2014
4205	1/27/2011 - 1/26/2012
4207	1/27/2011 - 1/26/2012
4208	1/27/2013 - 1/26/2014
4209	1/27/2011 - 1/26/2012
4301	1/27/2011 - 1/26/2012
4302	1/27/2014 - 1/26/2015
4303	1/27/2011 - 1/26/2012
4304	1/27/2014 - 1/26/2015
4305	1/27/2011 - 1/26/2012
4307	1/27/2011 - 1/26/2012
4308	1/27/2014 - 1/26/2015
4309	1/27/2011 - 1/26/2012
4401	1/27/2011 - 1/26/2012
4402	2/6/2015 - 1/26/2016
4403	1/27/2011 - 1/26/2012
4404	2/6/2015 - 1/26/2016
4405	1/27/2011 - 1/26/2012
4407	1/27/2011 - 1/26/2012
4408	2/6/2015 - 1/26/2016
4409	1/27/2011 - 1/26/2012
6001	1/27/2011 - 1/26/2012
6002	1/27/2011 - 1/26/2012

CONTRACT NO. N00178-04-D-4030	DELIVERY ORDER NO. N00178-04-D-4030-EH05	AMENDMENT/MODIFICATION NO. 55	PAGE 47 of 79	FINAL
----------------------------------	---	----------------------------------	------------------	-------

6003	1/27/2011 - 1/26/2012
6004	1/27/2011 - 1/26/2012
6005	1/27/2011 - 1/26/2012
6101	1/27/2011 - 1/26/2012
6102	1/27/2012 - 1/26/2013
6103	1/27/2011 - 1/26/2012
6104	1/27/2012 - 1/26/2013
6105	1/27/2011 - 1/26/2012
6201	1/27/2011 - 1/26/2012
6202	1/27/2013 - 1/26/2014
6203	1/27/2011 - 1/26/2012
6204	1/27/2013 - 1/26/2014
6205	1/27/2011 - 1/26/2012
6301	1/27/2011 - 1/26/2012
6302	1/27/2014 - 1/26/2015
6303	1/27/2011 - 1/26/2012
6304	1/27/2014 - 1/26/2015
6305	1/27/2011 - 1/26/2012
6401	1/27/2011 - 1/26/2012
6402	2/6/2015 - 1/26/2016
6403	1/27/2011 - 1/26/2012
6404	2/6/2015 - 1/26/2016
6405	1/27/2011 - 1/26/2012
7206	1/3/2018 - 1/2/2019

CLAUSES INCORPORATED BY REFERENCE

52.242-15 Stop-Work Order AUG 1989
52.242-15 Alt I Stop-Work Order (Aug 1989) - Alternate I APR 1984
52.247-34 F.O.B. Destination NOV 1991

CONTRACT NO. N00178-04-D-4030	DELIVERY ORDER NO. N00178-04-D-4030-EH05	AMENDMENT/MODIFICATION NO. 55	PAGE 48 of 79	FINAL
----------------------------------	---	----------------------------------	------------------	-------

SECTION G CONTRACT ADMINISTRATION DATA

CONTRACTOR CENTRAL REGISTRATION (CCR) - The contractor must be registered with the Contractor Central Registration (CCR) in order to be eligible for award. The Contractor must maintain registration throughout the period of performance. PAYMENT will not be made to the contractor if the Contractor's registration lapses.

INVOICE INSTRUCTIONS (NAVSEA) (SEP 2009)

(a) In accordance with the clause of this contract entitled "ELECTRONIC SUBMISSION OF PAYMENT REQUESTS" (DFARS 252.232-7003), the Naval Sea Systems Command (NAVSEA) will utilize the DoD Wide Area Workflow Receipt and Acceptance (WAWF) system to accept supplies/services delivered under this contract. This web-based system located at <https://wawf.eb.mil> provides the technology for government contractors and authorized Department of Defense (DoD) personnel to generate, capture and process receipt and payment-related documentation in a paperless environment. Invoices for supplies/services rendered under this contract shall be submitted electronically through WAWF. Submission of hard copy DD250/invoices may no longer be accepted for payment.

((b) It is recommended that the person in your company designated as the Central Contractor Registration (CCR) Electronic Business (EB) Point of Contact and anyone responsible for the submission of invoices, use the online training system for WAWF at <http://wawftraining.com>. The Vendor, Group Administrator (GAM), and sections marked with an asterisk in the training system should be reviewed. Vendor documentation is available under Resources at <http://wawftraining.com>.

(c) The designated CCR EB point of contact is responsible for activating the company's CAGE code on WAWF by calling 1-866-618-5988. Once the company is activated, the CCR EB point of contact will self-register under the company's CAGE code on WAWF and follow the instructions for a group administrator. After the company is set-up on WAWF, any additional persons responsible for submitting invoices must self-register under the company's CAGE code at <https://wawf.eb.mil>.

(d) The contractor shall use the following document types, DODAAC codes and inspection and acceptance locations when submitting invoices in WAWF:

Type of Document(s) *(contracting officer check all that apply)*

<input type="checkbox"/>	Invoice (FFP Supply & Service)
<input type="checkbox"/>	Invoice and Receiving Report Combo (FFP Supply)
<input type="checkbox"/>	Invoice as 2-in-1 (FFP Service Only)
<input type="checkbox"/>	Cost Voucher (Cost Reimbursable, T&M , LH, or FPI)
<input type="checkbox"/>	Receiving Report (FFP, DD250 Only)

DODAAC Codes and Inspection and Acceptance Locations *(contracting officer complete appropriate information as applicable)*

Issue DODAAC	_____
Admin DODAAC	_____
Pay Office DODAAC	_____
Inspector DODAAC	_____
Service Acceptor DODAAC	_____
Service Approver DODAAC	_____
Ship To DODAAC	See Section F
DCAA Auditor DODAAC	_____
LPO DODAAC	_____
Inspection Location	See Section E
Acceptance Location	See Section E

Attachments created in any Microsoft Office product may be attached to the WAWF invoice, e.g., backup documentation, timesheets, etc. Maximum limit for size of each file is 2 megabytes. Maximum limit for size of

CONTRACT NO. N00178-04-D-4030	DELIVERY ORDER NO. N00178-04-D-4030-EH05	AMENDMENT/MODIFICATION NO. 55	PAGE 49 of 79	FINAL
----------------------------------	---	----------------------------------	------------------	-------

files per invoice is 5 megabytes.

(e) Before closing out of an invoice session in WAWF, but after submitting the document(s), you will be prompted to send additional email notifications. Click on "Send More Email Notification" and add the acceptor/receiver email addresses noted below in the first email address block, and add any other additional email addresses desired in the following blocks. This additional notification to the government is important to ensure that the acceptor/receiver is aware that the invoice documents have been submitted into WAWF.

Send Additional Email Notification To:

(f) The contractor shall submit invoices/cost vouchers for payment per contract terms and the government shall process invoices/cost vouchers for payment per contract terms. Contractors approved by DCAA for direct billing will submit cost vouchers directly to DFAS via WAWF. Final voucher submission will be approved by the ACO.

(g) If you have any questions regarding WAWF, please contact the WAWF helpdesk at the above 1-866 number or the NAVSEA WAWF point of contact

POINTS OF CONTACT

The Government reserves the right to unilaterally change the points of contact at anytime. The Government points of contact for this Task Order are as follows:

OMBUDSMAN (NAVSEA AND OVERARCHING)

PROCURING CONTRACTING OFFICER (PCO)

TASK ORDER MANAGER (TOM) (Lead)

ALTERNATE TASK ORDER MANAGER

TASK 1 MANAGER

CONTRACT NO. N00178-04-D-4030	DELIVERY ORDER NO. N00178-04-D-4030-EH05	AMENDMENT/MODIFICATION NO. 55	PAGE 50 of 79	FINAL
----------------------------------	---	----------------------------------	------------------	-------

TASK 2 MANAGER

TASK 3 MANAGER

Accounting Data

CONTRACT NO. N00178-04-D-4030	DELIVERY ORDER NO. N00178-04-D-4030-EH05	AMENDMENT/MODIFICATION NO. 55	PAGE 51 of 79	FINAL
----------------------------------	---	----------------------------------	------------------	-------

SECTION H SPECIAL CONTRACT REQUIREMENTS

NAVSEA 5252.232-9104 ALLOTMENT OF FUNDS (JAN 2008) (*Applicable to CLINs 4000 and 6000 Option CLINs (if exercised) 4002, 4004, 4100, 4102, 4104, 4200, 4202, 4204, 4300, 4302, 4304, 4400, 4402, 4404, 6002, 6004, 6100, 6102, 6104, 6200, 6202, 6204, 6300, 6302, 6304, 6400, 6402, 6404, 7000, 7006, 7100, 7102, 7200, 7202, 7300, 7302, 7400, 7402, 9000, 9100, 9300, 9400 and 9600*)

(a) This contract is incrementally funded with respect to both cost and fee. The amount(s) presently available and allotted to this contract for payment of fee for incrementally funded contract line item number/contract subline item number (CLIN/SLIN), subject to the clause entitled "FIXED FEE" (FAR 52.216-8) or "INCENTIVE FEE" (FAR 52.216-10), as appropriate, is specified below. The amount(s) presently available and allotted to this contract for payment of cost for incrementally funded CLINs/SLINs is set forth below. As provided in the clause of this contract entitled "LIMITATION OF FUNDS" (FAR 52.232-22), the CLINs/SLINs covered thereby, and the period of performance for which it is estimated the allotted amount(s) will cover are as follows:

CPFF/CPIF/ODC			
ITEM	ALLOTTED TO COST	ALLOTTED TO FEE	EST. POP THROUGH
4100			
4200			
4400			
6000			
6100			
6200			
6300			
6400			
7100			
7102			
9100			
9200			

CPAF				
ITEM	EST.COST	BASE FEE	AWARD FEE	EST. POP THROUGH
4006				
4106				
4306				
4406				
7006				

*Note that the amount allotted to fee is equal to the Target Fee specified in Section B for CPIF Items and is equal to the Fixed Fee specified in Section B

CONTRACT NO. N00178-04-D-4030	DELIVERY ORDER NO. N00178-04-D-4030-EH05	AMENDMENT/MODIFICATION NO. 55	PAGE 52 of 79	FINAL
----------------------------------	---	----------------------------------	------------------	-------

for CPFF Items.

(b) The parties contemplate that the Government will allot additional amounts to this contract from time to time for the incrementally funded CLINs/SLINs by unilateral contract modification, and any such modification shall state separately the amount(s) allotted for cost, the amount(s) allotted for fee, the CLINs/SLINs covered thereby, and the period of performance which the amount(s) are expected to cover.

(c) CLINs/SLINs 4000, 4300, 7000, 7002, 7200, 7202, 7300, 7302, 7400, 7402, 9000, 9300, 9400 are fully funded and performance under these CLINs/SLINs is subject to the clause of this contract entitled "LIMITATION OF COST" (FAR 52.232-20).

(d) The Contractor shall segregate costs for the performance of incrementally funded CLINs/SLINs from the costs of performance of fully funded CLINs/SLINs.

ALLOTMENT OF FUNDS - ALTERNATE I (JAN 2008) (Applicable to CLIN 4006, Option CLINs (if exercised) 4008, 4106, 4206, 4306, 4406, and 7006)

(a) This contract is incrementally funded with respect to both cost and fee. The amounts presently available and allotted to this contract for payment of base fee, if any, and award fee are set forth below. Base fee amount is subject to the clause entitled "FIXED FEE" (FAR 52.216-8). Award fee amount is subject to the requirements delineated in SECTION B. The amount(s) presently available and allotted to this contract for payment of cost for incrementally funded CLINs/SLINs is set forth below. As provided in the clause of this contract entitled "LIMITATION OF FUNDS" (FAR 52.232-22), the CLINs/SLINs covered thereby, and the period of performance for which it is estimated the allotted amount(s) will cover are as follows:

<u>ITEM(S)</u>	<u>ALLOTTED TO EST.COST</u>	<u>ALLOTTED TO BASE FEE</u>	<u>ALLOTTED TO AWARD FEE</u>	<u>ESTIMATED PERIOD OF PERFORMANCE</u>
4006				01/27/2011 - 1/26/2012
4008				
4106				
4108				
4206				
4208				
4306				
4308				
4406				
4408				

*Note that the above listed Items are Award Fee only. No amounts are allotted to cost or base fee for these Items. The amount allotted to Award Fee shall not exceed of Target Costs for Labor CLINs 4000, 4004, 4100, 4104, 4200, 4204, 4300, 4304, 4400, and 4404.

(b) The parties contemplate that the Government will allot additional amounts to this contract from time to time for the incrementally funded CLINs/SLINs by unilateral contract modification, and any such modification shall state separately the amount(s) allotted for cost, the amount(s) allotted for fee, the CLINs/SLINs covered thereby, and the period of performance which the amount(s) are expected to cover.

CONTRACT NO. N00178-04-D-4030	DELIVERY ORDER NO. N00178-04-D-4030-EH05	AMENDMENT/MODIFICATION NO. 55	PAGE 53 of 79	FINAL
----------------------------------	---	----------------------------------	------------------	-------

(c) CLINs/SLINs 4206 are fully funded and performance under these CLINs/SLINs is subject to the clause of this contract entitled "LIMITATION OF COST" (FAR 52.232-20).

(d) The Contractor shall segregate costs for the performance of incrementally funded CLINs/SLINs from the costs of performance of fully funded CLINs/SLINs.

AWARD FEE DETERMINATION IN EVENT OF TERMINATION OR DISCONTINUANCE

In the event that this Task Order is terminated in whole or pursuant to the contract clause entitled "TERMINATION (COST-REIMBURSEMENT)" (FAR 52.249-6) or in the event this Task Order is discontinued pursuant to the contract clause entitled "LIMITATION OF COST" (FAR 52.232-20), the last award fee period shall end with the effective date of such termination or discontinuance. In either of such events, the amount of award fee, if any, determined to be otherwise payable shall be adjusted or prorated to reflect the difference, if any, in award fee periods resulting from termination or discontinuance.

NAVSEA 5252.216-9122 LEVEL OF EFFORT (DEC 2000)

(a) The Contractor agrees to provide the total level of effort specified in the next sentence in performance of the work described in Sections B and C of this contract. The total level of effort for the performance of this contract shall be total man-hours of direct labor, including subcontractor direct labor for those subcontractors specifically identified in the Contractor's proposal as ~~having~~ hours included in the proposed level of effort.

(b) Of the total man-hours of direct labor set forth above, it is estimated that man-hours are uncompensated effort. Uncompensated effort is defined as hours provided by personnel in excess of 40 hours per week without additional compensation for such excess work. All other effort is defined as compensated effort. If no effort is indicated in the first sentence of this paragraph, uncompensated effort performed by the Contractor shall not be counted in fulfillment of the level of effort obligations under this contract.

(c) Effort performed in fulfilling the total level of effort obligations specified above shall only include effort performed in direct support of this contract and shall not include time and effort expended on such things as (local travel to and from an employee's usual work location), uncompensated effort while on travel status, truncated lunch periods, work (actual or inferred) at an employee's residence or other non-work locations (except as provided in paragraph (j) below), or other time and effort which does not have a specific and direct contribution to the tasks described in Sections B and C.

(d) The level of effort for this contract shall be expended at an average rate of approximately hours per week. It is understood and agreed that the rate of man-hours per month may fluctuate in pursuit of the technical objective, provided such fluctuation does not result in the use of the total man-hours of effort prior to the expiration of the term hereof, except as provided in the following paragraph.

(e) If, during the term hereof, the Contractor finds it necessary to accelerate the expenditure of direct labor to such an extent that the total man-hours of effort specified above would be used prior to the expiration of the term, the Contractor shall notify the Contracting Officer in writing setting forth the acceleration required, the probable benefits which would result, and an offer to undertake the acceleration at no increase in the estimated cost or fee together with an offer, setting forth a proposed level of effort, cost breakdown, and proposed fee, for continuation of the work until expiration of the term hereof. The offer shall provide that the work proposed will be subject to the terms and

CONTRACT NO. N00178-04-D-4030	DELIVERY ORDER NO. N00178-04-D-4030-EH05	AMENDMENT/MODIFICATION NO. 55	PAGE 54 of 79	FINAL
----------------------------------	---	----------------------------------	------------------	-------

conditions of this contract and any additions or changes required by then current law, regulations, or directives, and that the offer, with a written notice of acceptance by the Contracting Officer, shall constitute a binding contract. The Contractor shall not accelerate any effort until receipt of such written approval by the Contracting Officer. Any agreement to accelerate will be formalized by contract modification.

(f) The Contracting Officer may, by written order, direct the Contractor to accelerate the expenditure of direct labor such that the total man-hours of effort specified in paragraph (a) above would be used prior to the expiration of the term. This order shall specify the acceleration required and the resulting revised term. The Contractor shall acknowledge this order within five days of receipt.

(g) If the total level of effort specified in paragraph (a) above is not provided by the Contractor during the period of this contract, the Contracting Officer, at its sole discretion, shall either (i) reduce the fee of this contract as follows:

$$\text{Fee Reduction} = \text{Fee} \frac{(\text{Required LOE} - \text{Expended LOE})}{\text{Required LOE}}$$

or (ii) subject to the provisions of the clause of this contract entitled "LIMITATION OF COST" (FAR 52.232-20) or "LIMITATION OF COST (FACILITIES)" (FAR 52.232-21), as applicable, require the Contractor to continue to perform the work until the total number of man-hours of direct labor specified in paragraph (a) above shall have been expended, at no increase in the fee of this contract.

(h) The Contractor shall provide and maintain an accounting system, acceptable to the Administrative Contracting Officer and the Defense Contract Audit Agency (DCAA), which collects costs incurred and effort (compensated and uncompensated, if any) provided in fulfillment of the level of effort obligations of this contract. The Contractor shall indicate on each invoice the total level of effort claimed during the period covered by the invoice, separately identifying compensated effort and uncompensated effort, if any.

(i) Within 45 days after completion of the work under each separately identified period of performance hereunder, the Contractor shall submit the following information in writing to the Contracting Officer with copies to the cognizant Contract Administration Office and to the DCAA office to which vouchers are submitted: (1) the total number of man-hours of direct labor expended during the applicable period; (2) a breakdown of this total showing the number of man-hours expended in each direct labor classification and associated direct and indirect costs; (3) a breakdown of other costs incurred; and (4) the Contractor's estimate of the total allowable cost incurred under the contract for the period. Within 45 days after completion of the work under the contract, the Contractor shall submit, in addition, in the case of a cost underrun; (5) the amount by which the estimated cost of this contract may be reduced to recover excess funds and, in the case of an underrun in hours specified as the total level of effort; and (6) a calculation of the appropriate fee reduction in accordance with this clause. All submissions shall include subcontractor information.

(j) Unless the Contracting Officer determines that alternative worksite arrangements are detrimental to contract performance, the Contractor may perform up to 10% of the hours at an alternative worksite, provided the Contractor has a company-approved alternative worksite plan. The primary worksite is the traditional "main office" worksite. An alternative worksite means an employee's residence or a telecommuting center. A telecommuting center is a geographically convenient office setting as an alternative to an employee's main office. The Government reserves the right to review the Contractor's alternative worksite plan. In the event performance becomes unacceptable, the Contractor will be prohibited from counting the hours performed at the alternative worksite in fulfilling the total level of effort obligations of the contract. Regardless of work location, all contract terms and conditions, including security

CONTRACT NO. N00178-04-D-4030	DELIVERY ORDER NO. N00178-04-D-4030-EH05	AMENDMENT/MODIFICATION NO. 55	PAGE 55 of 79	FINAL
----------------------------------	---	----------------------------------	------------------	-------

requirements and labor laws, remain in effect. The Government shall not incur any additional cost nor provide additional equipment for contract performance as a result of the Contractor's election to implement an alternative worksite plan.

(k) Notwithstanding any of the provisions in the above paragraphs, the Contractor may furnish man-hours up to five percent in excess of the total man-hours specified in paragraph (a) above, provided that the additional effort is furnished within the term hereof, and provided further that no increase in the estimated cost or fee is required.

5252.237-9106 SUBSTITUTION OF PERSONNEL (SEP 1990)

(a) The Contractor agrees that a partial basis for award of this contract is the list of key personnel proposed. Accordingly, the Contractor agrees to assign to this contract those key persons whose resumes were submitted with the proposal necessary to fulfill the requirements of the contract. No substitution shall be made without prior notification to and concurrence of the Contracting Officer in accordance with this requirement.

(b) All proposed substitutes shall have qualifications equal to or higher than the qualifications of the person to be replaced. The Contracting Officer shall be notified in writing of any proposed substitution at least forty-five (45) days, or ninety (90) days if a security clearance is to be obtained, in advance of the proposed substitution. Such notification shall include: (1) an explanation of the circumstances necessitating the substitution; (2) a complete resume of the proposed substitute; and (3) any other information requested by the Contracting Officer to enable him/her to judge whether or not the Contractor is maintaining the same high quality of personnel that provided the partial basis for award.

NAVSEA 5252.242-9115 TECHNICAL INSTRUCTIONS (APR 1999)

(a) Performance of the work hereunder may be subject to written technical instructions signed by the Contracting Officer's Representative specified in Section G of this contract. As used herein, technical instructions are defined to include the following:

(1) Directions to the Contractor which suggest pursuit of certain lines of inquiry, shift work emphasis, fill in details or otherwise serve to accomplish the contractual statement of work.

(2) Guidelines to the Contractor which assist in the interpretation of drawings, specifications or technical portions of work description.

(b) Technical instructions must be within the general scope of work stated in the contract. Technical instructions may not be used to: (1) assign additional work under the contract; (2) direct a change as defined in the "CHANGES" clause of this contract; (3) increase or decrease the contract price or estimated contract amount (including fee), as applicable, the level of effort, or the time required for contract performance; or (4) change any of the terms, conditions or specifications of the contract.

(c) If, in the opinion of the Contractor, any technical instruction calls for effort outside the scope of the contract or is inconsistent with this requirement, the Contractor shall notify the Contracting Officer in writing within ten (10) working days after the receipt of any such instruction. The Contractor shall not proceed with the work affected by the technical instruction unless and until the Contractor is notified by the Contracting Officer that the technical instruction is within the scope of this contract.

(d) Nothing in the foregoing paragraph shall be construed to excuse the Contractor from performing that portion of the contractual work statement

CONTRACT NO. N00178-04-D-4030	DELIVERY ORDER NO. N00178-04-D-4030-EH05	AMENDMENT/MODIFICATION NO. 55	PAGE 56 of 79	FINAL
----------------------------------	---	----------------------------------	------------------	-------

which is not affected by the disputed technical instruction.

CONTRACT NO. N00178-04-D-4030	DELIVERY ORDER NO. N00178-04-D-4030-EH05	AMENDMENT/MODIFICATION NO. 55	PAGE 57 of 79	FINAL
----------------------------------	---	----------------------------------	------------------	-------

SECTION I CONTRACT CLAUSES

CLAUSES INCORPORATED BY REFERENCE

All clauses incorporated by reference in the basic IDIQ contract apply to this Task Order, as applicable.

Note: Regarding 52.244-2 -- SUBCONTRACTS (JUNE 2007) - ALTERNATE I (JUNE 2007), teaming arrangement with any firm not included in the Contractor's basic IDIQ contract must be submitted to the basic MAC Contracting Officer for approval prior to proposal submission. Team member (subcontract) additions after Task Order award must be approved by the Task Order Contracting Officer.

52.204-2 Security Requirements (Aug. 1996)

252.204-7012 Safeguarding of Unclassified Controlled Technical Information (NOV 2013)

CLAUSES INCORPORATED BY FULL TEXT

FAR 52.204-9 Personal Identity Verification of Contractor Personnel (Sep 2007)

(a) The Contractor shall comply with agency personal identity verification procedures identified in the contract that implement Homeland Security Presidential Directive-12 (HSPD-12), Office of Management and Budget (OMB) guidance M-05-24, and Federal Information Processing Standards Publication (FIPS PUB) Number 201.

(b) The Contractor shall insert this clause in all subcontracts when the subcontractor is required to have routine physical access to a Federally-controlled facility and/or routine access to a Federally-controlled information system.

52.216-10 INCENTIVE FEE (MAR 1997) (Cost Incentive Fee applicable to all CPIF type Labor CLINs)

(a) *General.* The Government shall pay the Contractor for performing this contract a fee determined as provided in this contract.

(b) *Target cost and target fee.* The target cost and target fee specified in the Schedule are subject to adjustment if the contract is modified in accordance with paragraph (d) of this clause.

(1) "Target cost," as used in this contract, means the estimated cost of this contract as initially negotiated, adjusted in accordance with paragraph (d) of this clause.

(2) "Target fee," as used in this contract, means the fee initially negotiated on the assumption that this contract would be performed for a cost equal to the estimated cost initially negotiated, adjusted in accordance with paragraph (d) of this clause.

(c) *Withholding of payment.* Normally, the Government shall pay the fee to the Contractor as specified in the Schedule. However, when the Contracting Officer considers that performance or cost indicates that the Contractor will not achieve target, the Government shall pay on the basis of an appropriate lesser fee. When the Contractor demonstrates that performance or cost clearly

CONTRACT NO. N00178-04-D-4030	DELIVERY ORDER NO. N00178-04-D-4030-EH05	AMENDMENT/MODIFICATION NO. 55	PAGE 58 of 79	FINAL
----------------------------------	---	----------------------------------	------------------	-------

indicates that the Contractor will earn a fee significantly above the target fee, the Government may, at the sole discretion of the Contracting Officer, pay on the basis of an appropriate higher fee. After payment of 85 percent of the applicable fee, the Contracting Officer may withhold further payment of fee until a reserve is set aside in an amount that the Contracting Officer considers necessary to protect the Government's interest. This reserve shall not exceed 15 percent of the applicable fee or \$100,000, whichever is less. The Contracting Officer shall release 75 percent of all fee withholds under this contract after receipt of the certified final indirect cost rate proposal covering the year of physical completion of this contract, provided the Contractor has satisfied all other contract terms and conditions, including the submission of the final patent and royalty reports, and is not delinquent in submitting final vouchers on prior years' settlements. The Contracting Officer may release up to 90 percent of the fee withholds under this contract based on the Contractor's past performance related to the submission and settlement of final indirect cost rate proposals.

(d) *Equitable adjustments.* When the work under this contract is increased or decreased by a modification to this contract or when any equitable adjustment in the target cost is authorized under any other clause, equitable adjustments in the target cost, target fee, minimum fee, and maximum fee, as appropriate, shall be stated in a supplemental agreement to this contract.

(e) Fee payable.

(1) The fee payable under this contract shall be the target fee increased by] for every dollar that the total allowable cost is less than the target cost or decreased by for every dollar that the total allowable cost exceeds the target cost. In no event shall the fee be greater than percent or less than percent of the target cost.

(2) The fee shall be subject to adjustment, to the extent provided in paragraph (d) of this clause, and within the minimum and maximum fee limitations in paragraph (e) (1) of this clause, when the total allowable cost is increased or decreased as a consequence of-

(i) Payments made under assignments; or

(ii) Claims excepted from the release as required by paragraph (h) (2) of the Allowable Cost and Payment clause.

(3) If this contract is terminated in its entirety, the portion of the target fee payable shall not be subject to an increase or decrease as provided in this paragraph. The termination shall be accomplished in accordance with other applicable clauses of this contract.

(4) For the purpose of fee adjustment, "total allowable cost" shall not include allowable costs arising out of-

(i) Any of the causes covered by the Excusable Delays clause to the extent that they are beyond the control and without the fault or negligence of the Contractor or any subcontractor;

(ii) The taking effect, after negotiating the target cost, of a statute, court decision, written ruling, or regulation that results in the Contractor's being required to pay or bear the burden of any tax or duty or

CONTRACT NO. N00178-04-D-4030	DELIVERY ORDER NO. N00178-04-D-4030-EH05	AMENDMENT/MODIFICATION NO. 55	PAGE 59 of 79	FINAL
----------------------------------	---	----------------------------------	------------------	-------

rate increase in a tax or duty;

(iii) Any direct cost attributed to the Contractor's involvement in litigation as required by the Contracting Officer pursuant to a clause of this contract, including furnishing evidence and information requested pursuant to the Notice and Assistance Regarding Patent and Copyright Infringement clause;

(iv) The purchase and maintenance of additional insurance not in the target cost and required by the Contracting Officer, or claims for reimbursement for liabilities to third persons pursuant to the Insurance Liability to Third Persons clause;

(v) Any claim, loss, or damage resulting from a risk for which the Contractor has been relieved of liability by the Government Property clause; or

(vi) Any claim, loss, or damage resulting from a risk defined in the contract as unusually hazardous or as a nuclear risk and against which the Government has expressly agreed to indemnify the Contractor.

(5) All other allowable costs are included in "total allowable cost" for fee adjustment in accordance with this paragraph (e), unless otherwise specifically provided in this contract.

(f) *Contract modification.* The total allowable cost and the adjusted fee determined as provided in this clause shall be evidenced by a modification to this contract signed by the Contractor and Contracting Officer.

(g) *Inconsistencies.* In the event of any language inconsistencies between this clause and provisioning documents or Government options under this contract, compensation for spare parts or other supplies and services ordered under such documents shall be determined in accordance with this clause.

52.217-9 OPTION TO EXTEND THE TERM OF THE CONTRACT (MAR 2000) (NAVSEA VARIATION) (MAR 2000)

(a) The Government may extend the term of this contract by written notice(s) to the Contractor within the periods specified below. If more than one option exists the Government has the right to unilaterally exercise any such option whether or not it has exercised other options.

<u>ITEM(S)</u>	<u>LATEST OPTION EXERCISE DATE</u>
Base Year Surge and Special Studies	- NLT 12 months after Task Order Award (MATOA)
Option Year 1 CLINs (excluding Surge & Studies)	- NLT 12 MATOA
Option Year 1 Surge & Studies CLINs	- NLT 24 MATOA
Option Year 2 CLINs (excluding Surge & Studies)	- NLT 24 MATOA
Option Year 2 Surge & Studies CLINs	- NLT 36 MATOA
Option Year 3 CLINs (excluding Surge & Studies)	- NLT 36 MATOA
Option Year 3 Surge & Studies CLINs	- NLT 48 MATOA
Option Year 4 CLINs (excluding Surge & Studies)	- NLT 48 MATOA
Option Year 4 Surge & Studies CLINs	- NLT 54 MATOA
Option Year 5 CLINs (excluding Surge and Studies)	- NLT 60 MATOA
Option Year 5 Surge & Studies CLINs	- NLT 72 MATOA

(b) If the Government exercises this option, the extended contract shall be considered to include this option clause.

(c) The total duration of this contract, including the exercise of any

CONTRACT NO. N00178-04-D-4030	DELIVERY ORDER NO. N00178-04-D-4030-EH05	AMENDMENT/MODIFICATION NO. 55	PAGE 60 of 79	FINAL
----------------------------------	---	----------------------------------	------------------	-------

option(s) under this clause, shall not exceed five (5) years, however, in accordance with paragraph (g) of the requirement of this contract entitled "LEVEL OF EFFORT" (NAVSEA 5252.216-9122), if the total manhours delineated in paragraph (a) of the LEVEL OF EFFORT requirement, have not been expended within the period specified above, the Government may require the Contractor to continue to perform the work until the total number of manhours specified in paragraph (a) of the aforementioned requirement have been expended.

252.215-7004 EXCESSIVE PASS-THROUGH CHARGES (MAY 2008).

(a) *Definitions.* As used in this clause—

“Added value” means that the Contractor performs subcontract management functions that the Contracting Officer determines are a benefit to the Government (e.g., processing orders of parts or services, maintaining inventory, reducing delivery lead times, managing multiple sources for contract requirements, coordinating deliveries, performing quality assurance functions).

“Excessive pass-through charge,” with respect to a Contractor or subcontractor that adds no or negligible value to a contract or subcontract, means a charge to the Government by the Contractor or subcontractor that is for indirect costs or profit on work performed by a subcontractor (other than charges for the costs of managing subcontracts and applicable indirect costs and profit based on such costs).

“No or negligible value” means the Contractor or subcontractor cannot demonstrate to the Contracting Officer that its effort added value to the contract or subcontract in accomplishing the work performed under the contract (including task or delivery orders).

“Subcontract” means any contract, as defined in section 2.101 of the Federal Acquisition Regulation, entered into by a subcontractor to furnish supplies or services for performance of the contract or a subcontract. It includes but is not limited to purchase orders, and changes and modifications to purchase orders.

“Subcontractor” means any supplier, distributor, vendor, or firm that furnishes supplies or services to or for the Contractor or another subcontractor.

(b) *General.* The Government will not pay excessive pass-through charges. The Contracting Officer shall determine if excessive pass-through charges exist.

(c) *Required reporting of performance of work by the Contractor or a subcontractor.* The Contractor shall notify the Contracting Officer in writing if—

(1) The Contractor changes the amount of subcontract effort after award such that it exceeds 70 percent of the total cost of work to be performed under the contract, task order, or delivery order. The notification shall identify the revised cost of the subcontract effort and shall include verification that the Contractor will provide added value; or

(2) Any subcontractor changes the amount of lower-tier subcontractor effort after award such that it exceeds 70 percent of the total cost of the work to be performed under its subcontract. The notification shall identify the revised cost of the subcontract effort and shall include verification that the subcontractor will provide added value as related to the work to be performed by the lower-tier subcontractor(s).

(d) *Recovery of excessive pass-through charges.* If the Contracting Officer determines that excessive pass-through charges exist—

(1) For fixed-price contracts, the Government shall be entitled to a price reduction for the amount of excessive pass-through charges included in the contract price; and

(2) For other than fixed-price contracts, the excessive pass-through charges are unallowable in accordance with the

CONTRACT NO. N00178-04-D-4030	DELIVERY ORDER NO. N00178-04-D-4030-EH05	AMENDMENT/MODIFICATION NO. 55	PAGE 61 of 79	FINAL
----------------------------------	---	----------------------------------	------------------	-------

provisions in Subpart 31.2 of the Federal Acquisition Regulation (FAR) and Subpart [231.2](#) of the Defense FAR Supplement.

(e) *Access to records.*

(1) The Contracting Officer, or authorized representative, shall have the right to examine and audit all the Contractor's records (as defined at FAR 52.215-2(a)) necessary to determine whether the Contractor proposed, billed, or claimed excessive pass-through charges.

(2) For those subcontracts to which paragraph (f) of this clause applies, the Contracting Officer, or authorized representative, shall have the right to examine and audit all the subcontractor's records (as defined at FAR 52.215-2(a)) necessary to determine whether the subcontractor proposed, billed, or claimed excessive pass-through charges.

(f) *Flowdown.* The Contractor shall insert the substance of this clause, including this paragraph (f), in all subcontracts under this contract, except for—

- (1) Firm-fixed-price subcontracts awarded on the basis of adequate price competition;
- (2) Fixed-price subcontracts with economic price adjustment, awarded on the basis of adequate price competition;
- (3) Firm-fixed-price subcontracts for the acquisition of a commercial item; or
- (4) Fixed-price subcontracts with economic price adjustment, for the acquisition of a commercial item.

52.244-2 – Subcontracts Alternate I (Oct 2010)

(a) *Definitions.* As used in this clause—

“Approved purchasing system” means a Contractor's purchasing system that has been reviewed and approved in accordance with Part 44 of the Federal Acquisition Regulation (FAR)

“Consent to subcontract” means the Contracting Officer's written consent for the Contractor to enter into a particular subcontract.

“Subcontract” means any contract, as defined in FAR Subpart 2.1, entered into by a subcontractor to furnish supplies or services for performance of the prime contract or a subcontract. It includes, but is not limited to, purchase orders, and changes and modifications to purchase orders.

(b) When this clause is included in a fixed-price type contract, consent to subcontract is required only on unpriced contract actions (including unpriced modifications or unpriced delivery orders), and only if required in accordance with paragraph (c) or (d) of this clause.

(c) If the Contractor does not have an approved purchasing system, consent to subcontract is required for any subcontract that-

- (1) Is of the cost-reimbursement, time-and-materials, or labor-hour type; or
- (2) Is fixed-price and exceeds—

(i) For a contract awarded by the Department of Defense, the Coast Guard, or the National Aeronautics and Space Administration, the greater of the simplified acquisition threshold or 5 percent of the total estimated cost of the contract; or

CONTRACT NO. N00178-04-D-4030	DELIVERY ORDER NO. N00178-04-D-4030-EH05	AMENDMENT/MODIFICATION NO. 55	PAGE 62 of 79	FINAL
----------------------------------	---	----------------------------------	------------------	-------

(ii) For a contract awarded by a civilian agency other than the Coast Guard and the National Aeronautics and Space Administration, either the simplified acquisition threshold or 5 percent of the total estimated cost of the contract.

(d) If the Contractor has an approved purchasing system, the Contractor nevertheless shall obtain the Contracting Officer's written consent before placing the following subcontracts:

(e)(1) The Contractor shall notify the Contracting Officer reasonably in advance of placing any subcontract or modification thereof for which consent is required under paragraph (b), (c), or (d) of this clause, including the following information:

(i) A description of the supplies or services to be subcontracted.

(ii) Identification of the type of subcontract to be used.

(iii) Identification of the proposed subcontractor.

(iv) The proposed subcontract price.

(v) The subcontractor's current, complete, and accurate certified cost or pricing data and Certificate of Current Cost or Pricing Data, if required by other contract provisions.

(vi) The subcontractor's Disclosure Statement or Certificate relating to Cost Accounting Standards when such data are required by other provisions of this contract.

(vii) A negotiation memorandum reflecting -

(A) The principal elements of the subcontract price negotiations;

(B) The most significant considerations controlling establishment of initial or revised prices;

(C) The reason certified cost or pricing data were or were not required;

(D) The extent, if any, to which the Contractor did not rely on the subcontractor's certified cost or pricing data in determining the price objective and in negotiating the final price;

(E) The extent to which it was recognized in the negotiation that the subcontractor's certified cost or pricing data were not accurate, complete, or current; the action taken by the Contractor and the subcontractor; and the effect of any such defective data on the total price negotiated;

(F) The reasons for any significant difference between the Contractor's price objective and the price negotiated; and

(G) A complete explanation of the incentive fee or profit plan when incentives are used. The explanation shall identify each critical performance element, management decisions used to quantify each incentive element, reasons for the incentives, and a summary of all trade-off possibilities considered.

(2) If the Contractor has an approved purchasing system and consent is not required under paragraph (c) or (d) of this clause, the Contractor nevertheless shall notify the Contracting Officer reasonably in advance of entering into any (i) cost-plus-fixed-fee subcontract, or (ii) fixed-price subcontract that exceeds either the simplified acquisition threshold or 5 percent of the

CONTRACT NO. N00178-04-D-4030	DELIVERY ORDER NO. N00178-04-D-4030-EH05	AMENDMENT/MODIFICATION NO. 55	PAGE 63 of 79	FINAL
----------------------------------	---	----------------------------------	------------------	-------

total estimated cost of this contract. The notification shall include the information required by paragraphs (e)(1)(i) through (e)(1)(iv) of this clause.

(f) Unless the consent or approval specifically provides otherwise, neither consent by the Contracting Officer to any subcontract nor approval of the Contractor's purchasing system shall constitute a determination -

- (1) Of the acceptability of any subcontract terms or conditions;
- (2) Of the allowability of any cost under this contract; or
- (3) To relieve the Contractor of any responsibility for performing this contract.

(g) No subcontract or modification thereof placed under this contract shall provide for payment on a cost-plus-a-percentage-of-cost basis, and any fee payable under cost-reimbursement type subcontracts shall not exceed the fee limitations in FAR 15.404-4(c)(4)(i).

(h) The Contractor shall give the Contracting Officer immediate written notice of any action or suit filed and prompt notice of any claim made against the Contractor by any subcontractor or vendor that, in the opinion of the Contractor, may result in litigation related in any way to this contract, with respect to which the Contractor may be entitled to reimbursement from the Government.

(i) The Government reserves the right to review the Contractor's purchasing system as set forth in FAR Subpart 44.3.

(j) Paragraphs (c) and (e) of this clause do not apply to the following subcontracts, which were evaluated during negotiations:

Original Award

Added via ACO letter dated 14 April 2011

Added Via Modification 28

CONTRACT NO. N00178-04-D-4030	DELIVERY ORDER NO. N00178-04-D-4030-EH05	AMENDMENT/MODIFICATION NO. 55	PAGE 64 of 79	FINAL
----------------------------------	---	----------------------------------	------------------	-------

Added Via Modification 38

Added Via Modification 42

Added Via Modification 43

Added Via Modification 47

CONTRACT NO. N00178-04-D-4030	DELIVERY ORDER NO. N00178-04-D-4030-EH05	AMENDMENT/MODIFICATION NO. 55	PAGE 65 of 79	FINAL
----------------------------------	---	----------------------------------	------------------	-------

SECTION J LIST OF ATTACHMENTS

Exhibit A - CDRLs

Attachment 1 - NDA Form

Attachment 2 - DD254 revised 05.08.2015

Attachment 3 - PMS 500 Risk Management Plan dated 5 May 2009

Attachment 4 - Financial Accounting Data Sheet for Mod 00

Attachment 5 - Financial Accounting Data Sheet for Mod 01

Attachment 6 - Financial Accounting Data Sheet for Mod 03

Attachment 7 - Mod 11 ME5A N00178-04-D-4030-EH0511

Attachment 8 - Option Year 3 Award Fee Determination Letter