ORDER FOR SUPPLIES OR SERVICES

1. CONTRACT/PURCH. ORDER/ AGREEMENT NO. MDA972-01-D-0005	2. DELIVERY ORDER/ CALL NO. 0050	3. DATE OF ORDER/CALL (YYYYMMMDD) 20050816	4. REQ./PURCH. REQUEST NO. See Schedule	5. PRIORITY

6. ISSUED BY CODE HR0011
DARPA
CMO
ATTN: PATRICIA MATY SKIELA
3701 NORTH FAIRFAX DRIVE
ARLINGTON VA 22203-1714

7. ADMINISTERED BY (If other than 6) CODE S2101A
DCMA MARYLAND
217 EAST REDWOOD STREET
SUITE 1800
BALTIMORE MD 21202-5299

8. DELIVERY FOB
[X] DESTINATION
[ ] OTHER
(See Schedule if other)

9. CONTRACTOR CODE 88698 FACILITY
NAME AND ADDRESS
JOHNS HOPKINS UNIV/APL
11100 JOHNS HOPKINS ROAD
LAUREL MD 20723-6099

10. DELIVER TO FOB POINT BY (Date) (YYYYMMMDD)
SEE SCHEDULE

11. MARK IF BUSINESS IS
[ ] SMALL
[ ] SMALL DISADVANTAGED
[ ] WOMEN-OWNED

12. DISCOUNT TERMS

13. MAIL INVOICES TO THE ADDRESS IN BLOCK
See Item 15

14. SHIP TO CODE HR0011
DARPA
MS. KHINE LATT
ATTN: ADVANCED TECHNOLOGY OFFICE
3701 NORTH FAIRFAX DRIVE
ARLINGTON VA 22203-1714

15. PAYMENT WILL BE MADE BY CODE HQ0338
DFAS COLUMBUS CENTER
SOUTH ENTITLEMENT OPERATIONS
P.O. BOX 182264
COLUMBUS OH 43218-2264

MARK ALL PACKAGES AND PAPERS WITH IDENTIFICATION NUMBERS IN BLOCKS 1 AND 2.

16. TYPE OF ORDER
DELIVERY/CALL [X] This delivery order/call is issued on another Government agency or in accordance with and subject to terms and conditions of above numbered contract.
PURCHASE [ ] Reference your quote dated
Furnish the following on terms specified herein. REF:

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

NAME OF CONTRACTOR	SIGNATURE	TYPED NAME AND TITLE	DATE SIGNED (YYYYMMMDD)
JHU-APL		Larry Kohlenstein, CFO	3/15/05

[X] If this box is marked, supplier must sign Acceptance and return the following number of copies: 1

17. ACCOUNTING AND APPROPRIATION DATA/ LOCAL USE
See Schedule

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

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

24. UNITED STATES OF AMERICA
TEL:
EMAIL:
BY: Patricia S. Maty Skiela CONTRACTING / ORDERING OFFICER

25. TOTAL $2,240,858.00
26. DIFFERENCES

27a. QUANTITY IN COLUMN 20 HAS BEEN
[ ] INSPECTED [ ] RECEIVED [ ] ACCEPTED, AND CONFORMS TO THE CONTRACT EXCEPT AS NOTED

b. SIGNATURE OF AUTHORIZED GOVERNMENT REPRESENTATIVE | c. DATE (YYYYMMMDD) | d. PRINTED NAME AND TITLE OF AUTHORIZED GOVERNMENT REPRESENTATIVE

e. MAILING ADDRESS OF AUTHORIZED GOVERNMENT REPRESENTATIVE

f. TELEPHONE NUMBER | g. E-MAIL ADDRESS

28. SHIP NO. | **29. DO VOUCHER NO.** | **30. INITIALS**

[ ] PARTIAL
[ ] FINAL

32. PAID BY | **33. AMOUNT VERIFIED CORRECT FOR**

36. I certify this account is correct and proper for payment.
a. DATE (YYYYMMMDD) | b. SIGNATURE AND TITLE OF CERTIFYING OFFICER

31. PAYMENT
[ ] COMPLETE
[ ] PARTIAL
[ ] FINAL

34. CHECK NUMBER

35. BILL OF LADING NO.

37. RECEIVED AT	38. RECEIVED BY	39. DATE RECEIVED (YYYYMMMDD)	40. TOTAL CONTAINERS	41. S/R ACCOUNT NO	42. S/R VOUCHER NO.

Section B - Supplies or Services and Prices

ITEM NO	SUPPLIES/SERVICES	ESTIMATED COST	FIXED FEE	TOTAL EST. COST PLUS FIXED FEE
0001	Research & Development	[redacted]		$2,240,858.00
	The Contractor shall furnish the necessary personnel, materials, facilities and other services as may be required to perform Contract Line Item Number (CLIN) 0001, 0003, in accordance with the Statement of Work, Attachment 1 hereto, and as specified in the Contractor's proposal entitled, "Station-Keeping Buoy," dated December 20, 2004, copies of which are in possession of both parties.			
	ACRN AA			$2,240,858.00

ITEM NO	SUPPLIES/SERVICES	ESTIMATED COST	FIXED FEE	TOTAL EST. COST PLUS FIXED FEE
0003	R&D Technical, Business Status & Final	$0.00	$0.00	$0.00
	CPFF			NSP

ITEM NO	SUPPLIES/SERVICES	ESTIMATED COST	FIXED FEE	TOTAL EST. COST PLUS FIXED FEE
0004	Station-Keeping Buoy	[redacted]	[redacted]	$2,178,423.00
	OPTION1- The Contractor shall furnish the necessary personnel, materials, facilities and other services as may be required to perform Contract Line Item Number (CLIN) 0001, 0003, in accordance with the Statement of Work, Attachment 1 hereto, and as specified in the Contractor's proposal entitled, "Station-Keeping Buoy," dated December 20, 2004, copies of which are in possession of both parties.			

ITEM NO	SUPPLIES/SERVICES	ESTIMATED COST	FIXED FEE	TOTAL EST. COST PLUS FIXED FEE
0005	R&D Technical, Business Status & Final	$0.00	$0.00	$0.00
	OPTION 1			NSP

SECTION D Packaging and Marking

CLAUSES INCORPORATED BY FULL TEXT

D-1 Packaging and Marking

All items shall be preserved, packaged, packed and marked in accordance with best commercial practices to meet the packing requirements of the carrier, and to ensure safe delivery at destination.

SECTION E Inspection and Acceptance

Supplies/services will be inspected/accepted at:

CLIN	INSPECT AT	INSPECT BY	ACCEPT AT	ACCEPT BY
0001	Destination	Government	Destination	Government
0003	Destination	Government	Destination	Government

OPTION1 CLINS	INSPECT AT	INSPECT BY	ACCEPT AT	ACCEPT BY
0004	Destination	Government	Destination	Government
0005	Destination	Government	estination	Government

SECTION F Deliveries or Performance

CLAUSES INCORPORATED BY FULL TEXT

F-1 Term of Contract

The term of this task order commences on the effective date of the task order and continues through twelve (12) months thereafter. The Option 1, if exercised by the government, shall run twelve (12) months from date of execution.

F-2 Reports and Other Deliverables – JHU/APL shall submit the following reports:

CLIN	Description	Due Date
0003	Technical and Business Status Reports	30 days after the effective date of the Task Order and monthly thereafter
0003	Final Report	Upon Completion of Task Order
0005	Technical and Business Status Reports OPTION 1	30 days after the effective date of the Task Order Option 1 and monthly thereafter
0005	Final Report OPTION 1	Upon Completion of Task Order Option 1

F-3 Report Distribution

(a) DARPA/CMO
Attn: Patricia S. Matyskiela, Contracting Officer
3701 North Fairfax Drive
Arlington, VA 22203-1714
Phone: (571) 218-4686
FAX: (703) 696-2208
Email: pmatyskiela@darpa.mil
(one copy each report)

(b) DARPA/ATO
Attn: Dr. Khine Latt, Program Manager
3701 North Fairfax Drive
Arlington, VA 22203-1714
Phone: (571) 218-4203
FAX: (703) 696-9781
Email: klatt@darpa.mil
(one copy each report)

(c) DARPA/ATO
Attn: Patrick Bailey, Assistant Director for Program Management
3701 North Fairfax Drive
Arlington, VA 22203-1714
Phone: (703) 696-5277
FAX: (703) 696-9781
Email: pbailey@darpa.mil
(one copy each report)

(c) DARPA/ATO
Attn: Cathy Fortier, Program Specialist Assistant
3701 North Fairfax Drive
Arlington, VA 22203-1714
Phone: (571) 218-4313
FAX: (703) 696-9781
Email: cfortier@darpa.mil
(one copy each report)

(e) DCMA/Maryland
Attn: Diane Rich, ACO
217 E. Redwood Street
Suite 1800
Baltimore, MD 21202-5299
Phone: (410) 962-9253
FAX: (401) 962-3405
Email: Joyce.Rich@dcma.mil.
(one copy each report)

(f) DARPA/Library
3701 North Fairfax Drive
Arlington, VA 22203-1714
Email: library@darpa.mil
(One copy of the Final Technical Report)

(g) Defense Technical Information Center

(1) Email: TR@dtic.mil
OR

(2) Attn: DTIC-BCS
8725 John J. Kingman Road, Suite 0944
Fort Belvoir, VA 22060-0944
(two hard copies of the Final Technical Report if unclassified)

F-4 Notice Regarding Late Delivery

In the event the Contractor anticipates difficulty in complying with the contract delivery schedule, the Contractor shall immediately notify the Contracting Officer in writing, giving pertinent details, including the date by which it expects to make delivery; PROVIDED, however, that this date shall be informational only in character and the receipt thereof shall not be construed as a waiver by the Government of any contract delivery schedule, or any rights or remedies provided by law or under this contract.

SECTION G Contract Administration Data

ACCOUNTING AND APPROPRIATION DATA

AA: 9740400 1320 U014 P4B20 2525 DPAC 4 5586 S12136 63763E
AMOUNT: $1,614,316 (U014/00)

AB 9750400 1320 U014 P5X20 2525 DPAC 5 5201 S12136 63766E
AMOUNT: $626,542 (U014/01)

TOTAL AMOUNT: $2,240,858

SECTION H Special Contract Requirements

CLAUSES INCORPORATED BY FULL TEXT

H-1 Contracting Officer

The Contracting Officer is the only individual authorized to redirect the effort or in any way amend or modify any of the terms of this Task Order. If, as a result of technical discussions, it is desirable to alter the Task Order obligations or statement of work, a modification must be issued in writing and signed by the Contracting Officer.

H-2 Travel

Travel costs in the amount of $24,327 are authorized during the period of performance of the Basic Task Order.

Travel costs in the amount of $30,462 for Option 1, if exercised by the government, shall be authorized during the period of performance of Option 1.

*NOTE: The prime contractor may deviate +/- 20 percent from the individual values delineated above for travel without prior authorization from the DARPA Contracting Officer. In no event, however, will the contractor exceed the maximum value of this task order for the BASE effort.

Travel costs are authorized in accordance with the master IDIQ MDA972-01-D-0005 contract and the following:

(a) Travel authorization changes shall be approved by the DARPA Contracting Officer.

(b) Travel shall be approved in advance by the DARPA Program Manager.

(c) Travel costs shall be reimbursed in accordance with applicable Federal Joint Travel Regulations and Federal Acquisition Regulation (FAR) 31.205-46.

(d) Travel costs are authorized only to the minimum extent necessary to perform the objectives of the Task Order Statement of Work.

(e) Travel costs for events not directly related to the Task Order Statement of Work (to include training, seminars, etc.) shall be approved in advance, in writing, by the DARPA Contracting Officer.

(f) All foreign travel shall be authorized 30 days in advance and approved by the Administrative Contracting Officer.

H-3 Subcontracts

(a) Pusuant to FAR 44-202 and Subpart 52.244-2, the following subcontractors are approved under this Order.

Subcontractors Base	Estimate
[redacted]	[redacted]
[redacted]	[redacted]

Subcontractors Option 1 (If exercised)

[redacted]	[redacted]
[redacted]	[redacted]

(b) Pusuant to FAR 44-202 and Subpart 52.244-2, the following subcontractor is approved under this Order subject to the concurrence of the ACO/Diane Rich/DCMA/Baltimore

Subcontractors Base	Estimate
[redacted]	[redacted]

Subcontractors Option 1 (If exercised)

[redacted] [redacted]

(c) The subcontractor's estimated price shall not exceed the total amount unless approval is coordinated with the Contracting Officer.

SECTION J List of Attachments

Attachment 1 – Statement of Work entitled, "Station-Keeping Buoy," dated February 14, 2004.

Statement of Work

Station-Keeping Buoy

This proposal is focused on developing and demonstrating an environmentally powered station-keeping buoy. The buoy package will unfold into a vessel that is capable of harvesting wind and solar energy and efficiently using the environmentally derived energy in a station-keeping mode. This statement of work outlines the developmental, integration and testing for design and development of a functional station-keeping buoy prototype. Designing, purchasing or developing appropriate assemblies and sensors per se is simply the first step in developing a station-keeping vessel. An iterative, build / test / build approach is envisioned to accomplish station-keeping. Once the initial design is determined and a prototype developed, a series of basin and at-sea tests are planned to refine the systems autonomous station-keeping ability.

In-addition, a high fidelity simulation model will be developed to determine the system's station-keeping ability as a function of design details. The model will utilize environmental inputs from the National Security Technology Department (NSTD) of the JHU/APL Environmental Support System climatological and sea test data archives, the Naval Climatology Data Center, the National Oceanographic Data Center and NAVOCEANO. Data from at-sea prototype testing will be fed back to refine the simulation model.

Phase 1 (Base) Statement of Work

1. Management and oversight
    a. Review designs, subcontracts and prototype development
    b. Develop and manage tests phases
    c. Task budget management
2. Design system
    a. Hull / sail
        i. Determine technical constraints of system including size, shape, power consumption, weight, packaging capability, wind harvesting ability
        ii. Utilize consultants to define hull and sail parameters
    b. Power distribution system
        i. Determine most suitable high energy density, rechargeable battery suites
        ii. Develop battery charging circuitry to harvest energy from solar cells and thruster-based water turbine
        iii. Develop power distribution system to all motor controllers and thruster
    c. Controls systems
        i. Develop control system algorithms for autonomous sail control
        ii. Design / determine control system hardware (mechanical and electronic)
    d. Sensor development
        i. Determine sensors required for station-keeping operation
        ii. Evaluate suitability of available sensors

e. Solar system – Evaluate available solar panels; specifically, flexibility (to package in a standard buoy) and derived energy density
f. Thruster
    i. Subcontract with TSL Technology to develop asymmetric thruster
        1. Size versus efficiency (design only in phase 1)
        2. Thruster utilized as a water turbine (lab testing only in phase 1)
g. Mechanical structure- Design basic structure
        1. Structural assembly for all major sub-systems
        2. Flexible packaging links

3. Characterize environmental parameters
    a. Utilize in simulation model
    b. Determine design requirement and develop prototype
4. Develop high fidelity simulation model
    a. Utilize environmental inputs from multiple locations
    b. Determine station-keeping performance as a function of design
    c. Quantify hydrophone performance
5. Prototype development
    a. Hull / sail – Build 1 or 2 most promising hull shapes from the design phase
    b. Power distribution system
        i. Select batteries
        ii. Build charging circuit
        iii. Build electronic link between batteries, thruster and motors
    c. Control systems
        i. Build prototype control circuitry
        ii. Write version 1 autonomous sailing software
    d. Solar system – Select, modify and mount solar panels
    e. Thruster
        i. Lab-tested TSL prototype sent to APL
        ii. Thruster installation / testing
    f. Incorporate GPS – required for station-keeping navigation
    g. Documentation
        i. Mechanical drawings
        ii. Schematics
        iii. Software documentation
6. Sub system testing
    a. Laboratory testing of major subsystems
    b. Near-by creek testing – Prototype system (essential sub-system testing)
        i. Hull / sail, power system, controls, GPS and thruster
7. System Integration
    a. Adjust / refine sub-systems based on Part 5 test results and integrate
8. Basin and at-sea testing
    a. MAST trials – (4 day trial at Naval Surface Warfare Center/Carderock(NSWC-CD))
    b. Near shore testing (R/V Chessie) – 2 trials planned

   c. Advanced near shore testing (R/V Chessie) – 2 trials planned (solar system and thruster
9. Phase 1 DARPA demonstration – Demonstrate station-keeping technology to maintain 250 m water radius over a 24 hr period
10. Prepare for and attend DARPA quarterly reviews

Phase 2 (Option 1) Statement of Work

1. Management and oversight
   a. Review designs, subcontracts and prototype development
   b. Develop and manage tests phases
   c. Task budget management
2. Refine station-keeping technology designs or change techniques based on Phase 1 results: Sails / controls, GPS, Thruster, Solar, Battery Charging system
3. Replace insufficient energy harvesting equipment, lab testing, integration testing, near shore testing
4. Update simulation model – demonstrate endurance of one month.
   a. Upgrade buoy model dynamics to six degrees of freedom
   b. Conduct parametric design and performance studies
5. Incorporate energy harvesting techniques and refine system – Near shore testing(Chessie)
   a. Sails / controls, GPS, Thruster as energy generator (water turbine), Solar – flexible panels for packaging and battery charging system
6. Lab / at sea testing – System refinements (Mk 2)
   a. Sails / controls, GPS, Thruster as energy generator (water turbine), Solar – flexible panels for packaging and Battery charging system
7. Prepare and attend DARPA quarterly reviews
8. Prepare Phase 3 proposal

9 DARPA Phase 2 demonstration - Demonstrate station-keeping and energy-harvesting technologies to maintain 250 m water radius over a 7 day period.

Deliverables

Phase I (Base) Deliverables

Quarterly status reports
Quarterly financial reports
A final report that summarizes the project and tasking involved at the conclusion of Phase 1 performance period.

Phase 2 (Option 1) Deliverables

Quarterly status reports
Quarterl financial reports
Prototype hardware (as required) and a level 2A drawing package

A final report that summarizes the project and tasking involved at the conclusion of Phase 2 performance period.

AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT

1. CONTRACT ID CODE	PAGE OF PAGES
U	1 | 2

2. AMENDMENT/MODIFICATION NO.	3. EFFECTIVE DATE	4. REQUISITION/PURCHASE REQ. NO.	5. PROJECT NO.(If applicable)
01	04/20/2005	SEE SCHEDULE	

6. ISSUED BY CODE HR0011

DARPA
CMO
ATTN: PATRICIA MATYSKIELA
3701 NORTH FAIRFAX DRIVE
ARLINGTON VA 22203-1714

7. ADMINISTERED BY (If other than item 6) CODE S2101A

DCMA MARYLAND
217 EAST REDWOOD STREET
SUITE 1800
BALTIMORE MD 21202-5299

8. NAME AND ADDRESS OF CONTRACTOR (No., Street, County, State and Zip Code)

JOHNS HOPKINS UNIV/APL
11100 JOHNS HOPKINS ROAD
LAUREL MD 20723-6099

CODE 88698 FACILITY CODE

	9A. AMENDMENT OF SOLICITATION NO.
	9B. DATED (SEE ITEM 11)
X	10A. MOD. OF CONTRACT/ORDER NO. MDA972-01-D-0005-0050
X	10B. DATED (SEE ITEM 13) 18-Mar-2005

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 Offer ☐ is extended, ☐ is not extended.

Offer must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation or as amended by one of the following methods: (a) By completing Items 8 and 15, and returning _____ copies of the amendment; (b) By acknowledging receipt of this amendment on each copy of the offer submitted; or (c) By separate letter or telegram which includes a reference to the solicitation and amendment numbers. FAILURE OF YOUR ACKNOWLEDGMENT TO BE RECEIVED AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATE SPECIFIED MAY RESULT IN REJECTION OF YOUR OFFER. If by virtue of this amendment you desire to change an offer already submitted, such change may be made by telegram or letter, provided each telegram or letter makes reference to the solicitation and this amendment, and is received prior to the opening hour and date specified.

12. ACCOUNTING AND APPROPRIATION DATA (If required)

13. THIS ITEM APPLIES ONLY TO MODIFICATIONS OF CONTRACTS/ORDERS. IT MODIFIES THE CONTRACT/ORDER NO. AS DESCRIBED IN ITEM 14.

☐ A. THIS CHANGE ORDER IS ISSUED PURSUANT TO: (Specify authority) THE CHANGES SET FORTH IN ITEM 14 ARE MADE IN THE CONTRACT ORDER NO. IN ITEM 10A.

☐ B. THE ABOVE NUMBERED CONTRACT/ORDER IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES (such as changes in paying office, appropriation date, etc.) SET FORTH IN ITEM 14, PURSUANT TO THE AUTHORITY OF FAR 43.103(B).

☐ C. THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO AUTHORITY OF:

X D. OTHER (Specify type of modification and authority)
Mutual Agreement of the Parties

E. IMPORTANT: Contractor ☐ is not, X 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.)

Modification Control Number: janders05563

Correct Estimated Cost Plus Fixed Fee for Contract Line Item Number (CLIN) 0004.

Except as provided herein, all terms and conditions of the document referenced in Item 9A or 10A, as heretofore changed, remains unchanged and in full force and effect.

15A. NAME AND TITLE OF SIGNER (Type or print)	16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print)
Nicholas J. Langhauser, CFO	TEL: EMAIL:

15B. CONTRACTOR/OFFEROR	15C. DATE SIGNED	16B. UNITED STATES OF AMERICA	16C. DATE SIGNED
(Signature of person authorized to sign)	4/20/05	BY Patricia S. Matyskiela (Signature of Contracting Officer)	04/20/05

EXCEPTION TO SF 30
APPROVED BY OIRM 11-84

30-105-04

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

SECTION SF 30 BLOCK 14 CONTINUATION PAGE

The following items are applicable to this modification:

SECTION B - SUPPLIES OR SERVICES AND PRICES

The purpose of this modification is to correct Option 1 total and make administrative changes to ITEM NO 0004, Supplies/Services as follows:

DELETE

ITEM NO	SUPPLIES/SERVICES	ESTIMATED COST	FIXED FEE	TOTAL EST. COST PLUS FIXED FEE
0004	Station Keeping Buoy	[redacted]	[redacted]	$2,178,423.00
	OPTION1 – The contractor shall furnish the necessary personnel, materials, facilities and other services as may be required to perform contract Line Item Number (CLIN) 0001, 0003, in accordance with the Statement of Work, Attachment 1 hereto, and as specified in the Contractor's proposal entitled, "Station-Keeping Buoy," dated December 20, 2004, copies of which are in possession of both parties.			

INSERT

ITEM NO	SUPPLIES/SERVICES	ESTIMATED COST	FIXED FEE	TOTAL EST. COST PLUS FIXED FEE
0004	Station Keeping Buoy	[redacted]	[redacted]	$2,172,307.00
	OPTION 1 – The contractor shall furnish the necessary personnel, materials, facilities and other services as may be required to perform contract Line Item Number (CLIN) 0001, 0003, in accordance with the Statement of Work, Attachment 1 hereto, and as specified in the Contractor's proposal entitled, "Station-Keeping Buoy," dated December 20, 2004, copies of which are in possession of both parties. The contractor shall also furnish a prototype hardware (as required) and a level 2A drawing package as deliverables.			

Except as provided herein, all other terms and conditions of MDA972-01-D-0005/0053 remain unchanged and in full force and effect.