

ORDER FOR SUPPLIES OR SERVICES

1. CONTRACT/PURCH. ORDER/ AGREEMENT NO. DASG60-02-D-0014	2. DELIVERY ORDER/ CALL NO. 002302	3. DATE OF ORDER/CALL 2002Apr24	4. REQ./ PURCH. REQUEST NO. VH2A940100-01	5. PRIORITY DX-A2
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6. ISSUED BY US ARMY SPACE AND MISSILE DEFENSE [REDACTED] P.O. BOX 1500 HUNTSVILLE AL 35807-3801	CODE W31RPD	7. ADMINISTERED BY DCM BIRMINGHAM BURGER PHILLIPS CENTER 1910 THIRD AVE., NORTH, RM. 201 BIRMINGHAM AL 35203-2376	CODE S0101A	8. DELIVERY FOB <input checked="" type="checkbox"/> DEST <input type="checkbox"/> OTHER (See Schedule if other)
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9. CONTRACTOR DYNETICS, CAS & DAVIDSON, LLC 990 EXPLORER BLVD HUNTSVILLE AL 35806	CODE 1VDA4	FACILITY 1VDA4	10. DELIVER TO FOB POINT BY (Date) SEE SCHEDULE	11. MARK IF BUSINESS IS <input checked="" type="checkbox"/> SMALL <input type="checkbox"/> SMALL DISADVANTAGED <input type="checkbox"/> WOMEN-OWNED
			12. DISCOUNT TERMS	
			13. MAIL INVOICES TO THE ADDRESS IN BLOCK See Item 15	

14. SHIP TO SEE SCHEDULE	CODE	15. PAYMENT WILL BE MADE BY DFAS-COLUMBUS CENTER DFAS-CO/SOUTH ENTITLEMENT OPERATION P.O. BOX 182264 COLUMBUS OH 43218-2264	CODE HQ0338	MARK ALL PACKAGES AND PAPERS WITH IDENTIFICATION NUMBERS IN BLOCKS 1 AND 2.
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16. TYPE OF ORDER	DELIVERY/ CALL	<input checked="" type="checkbox"/>	This delivery order/call is issued on another Govt. agency or in accordance with and subject to terms and conditions of above numbered contract.	
	PURCHASE		Reference your quote dated	Furnish the following on terms specified herein.
ACCEPTANCE. THE CONTRACTOR HEREBY ACCEPTS THE OFFER REPRESENTED BY THE NUMBERED PURCHASE ORDER AS IT MAY PREVIOUSLY HAVE BEEN OR IS NOW MODIFIED, SUBJECT TO ALL OF THE TERMS AND CONDITIONS SET FORTH, AND AGREES TO PERFORM THE SAME.				
NAME OF CONTRACTOR		SIGNATURE		TYPED NAME AND TITLE
				DATE SIGNED (YYYYMMDD)
<input type="checkbox"/> If this box is marked, supplier must sign Acceptance and return the following number of copies:				

17. ACCOUNTING AND APPROPRIATION DATA/ LOCAL USE
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 AMERJCA [REDACTED] CTING / ORDERING OFFICER	25. TOTAL \$295,000.00	29. DIFFERENCES
26. QUANTITY IN COLUMN 20 HAS BEEN <input type="checkbox"/> INSPECTED <input type="checkbox"/> RECEIVED <input type="checkbox"/> ACCEPTED, AND CONFORMS TO THE CONTRACT EXCEPT AS NOTED		27. SHIP NO. <input type="checkbox"/> PARTIAL <input type="checkbox"/> FINAL	28. DO VOUCHER NO.	30. INITIALS
DATE _____ SIGNATURE OF AUTHORIZED GOVT. REP. _____		31. PAYMENT <input type="checkbox"/> COMPLETE <input type="checkbox"/> PARTIAL <input type="checkbox"/> FINAL	32. PAID BY	33. AMOUNT VERIFIED CORRECT FOR
36. I certify this account is correct and proper for payment. DATE _____ SIGNATURE AND TITLE OF CERTIFYING OFFICER _____		34. CHECK NUMBER		
		35. BILL OF LADING NO.		
37. RECEIVED AT	38. RECEIVED BY	39. DATE RECEIVED (YYYYMMDD)	40. TOTAL CONTAINERS	41. S/R ACCOUNT NO.
				42. S/R VOUCHER NO.

SECTION C Descriptions and Specifications

STATEMENT OF WORK “AIRS Processing Support”

1.0 The contractor shall provide level of effort support in order of priority:

1.1 Develop and document algorithms and software for the HALO II platform to enable angle-angle data from the Heimdall optical sensor suite to be fused with external estimates to enable 3-state estimates on accelerating targets. (Accelerating targets may include boosting or reentering missiles or non-missile targets such as aircraft). These external estimates may arise from external sensors such as off-board radars / optics or from onboard techniques that provide a range estimate such as Monocular Passive Ranging (MPR) or passive radar techniques. Continue refinements of ballistic tracker algorithms developed for HALO II to specifically include provisions for a priori knowledge and external data when possible. Develop and deliver offline analysis tools using the onboard algorithms for pre-mission studies and post-mission analysis.

1.2 Assist in the integration and testing of the algorithms and software developed in task 1 onto the HALO II aircraft. Efforts will also include assisting the HALO II prime contractor with integration of communications including interfacing with the Tactical Component Network (TCN) hardware and protocols. Support testing and documentation of the HALO II – TCN interfaces (including necessary translation of track and covariance data from HALO II ECI frame to ECR and TCN ECR to HALO II ECI).

1.3 Develop tasked ground scene imaging algorithms for the AIRS platform to include geolocation of targeted scene locations. Investigate and develop preliminary feature extraction and feature classifier algorithms for the AIRS sensor platform.

2.0 The contractor shall provide Interim Progress Reviews (IPRs) as requested by the government.

PERIOD OF PERFORMANCE: 24 Apr 2002 – 31 Dec 2002

