

ORDER FOR SUPPLIES OR SERVICES

1. CONTRACT/PURCH. ORDER/ AGREEMENT NO. DASG60-02-D-0014	2. DELIVERY ORDER/ CALL NO. 001212	3. DATE OF ORDER/CALL 2002 Apr 24	4. REQ./ PURCH. REQUEST NO. TH2SSW1BA2-01	5. PRIORITY DX-A2
--	--	---	---	-----------------------------

6. ISSUED BY US ARMY SPACE & MISSILE DEFENSE COMMAND PO BOX 1500 HUNTSVILLE AL 35807-3801	CODE W9113M	7. ADMINISTERED BY DCMA HUNTSVILLE BUILDING 4505, SUITE 301 MARTIN ROAD REDSTONE ARSENAL AL 35898-0001	CODE S0107A	8. DELIVERY FOB <input checked="" type="checkbox"/> DEST <input type="checkbox"/> OTHER (See Schedule if other)
--	-----------------------	--	-----------------------	--

9. CONTRACTOR DYNETICS, CAS & DAVIDSON, LLC P.O. BOX 5523 HUNTSVILLE AL 35814-5523	CODE 1VDA4	FACILITY	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.
--	------	---	-----------------------	--

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. 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 (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 AMERICA
	25. TOTAL \$1,470,000.00
CONTRACTING / ORDERING OFFICER	

26. QUANTITY IN COLUMN 20 HAS BEEN <input type="checkbox"/> INSPECTED <input type="checkbox"/> RECEIVED <input type="checkbox"/> ACCEPTED, AND CONFORMS TO THE CONTRACT EXCEPT AS NOTED DATE _____ SIGNATURE OF AUTHORIZED GOVT. REP. _____	27. SHIP NO.	28. DO VOUCHER NO.	30. INITIALS	33. AMOUNT VERIFIED CORRECT FOR
36. I certify this account is correct and proper for payment. DATE _____ SIGNATURE AND TITLE OF CERTIFYING OFFICER _____	<input type="checkbox"/> PARTIAL <input type="checkbox"/> FINAL	32. PAID BY		34. CHECK NUMBER
	<input type="checkbox"/> COMPLETE <input type="checkbox"/> PARTIAL <input type="checkbox"/> FINAL			

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

Theater High Altitude Area Defense (THAAD) Project Office (TPO), Systems Engineering Directorate, System Software Engineering Division Statement of Work:

1.0 SYSTEM SOFTWARE ENGINEERING

1.1 Perform system software risk analysis of prime-contractor-supplied software products with a special focus on reducing the overall risk to the program of failing to properly specify the software. The contractor shall develop software metrics assessments and generate analysis from review of trends and variance in actual software performance data. Contractor analysis will result in risk identification and performance projections. The contractor shall provide support to the Software Entity Database (SWED) and the Cost Analysis Requirements Description (CARD) by assisting TPO in the analysis of SWED changes (size, type, and language) and through the development of the software section of the CARD. The contractor shall develop independent software cost estimates to include calibration, population, and maintenance of the COCOMO II Cost Models and shall participate in the construction of the THAAD Common Cost Model as needed.

1.2 Provide software process analysis to ensure that the development process defined in the THAAD Software Development Plan (SDP) is carried out within the prime contractor's facilities and at their subcontractors facilities. The contractor shall review the THAAD SDP, SDP directives, and site specific SDPs to evaluate adherence to governing specifications. The contractor shall support TPO at configuration control boards and perform waiver analysis of proposed deviations from the software development plan by the prime contractor or their subcontractors.

1.3 Provide analysis of the published plans and methods for integrating and qualifying the THAAD System Software. The contractor shall review and evaluate System Software integration and qualification methods in preparation for the System Preliminary Design Review (PDR) and beyond to System Concept Design Review (CDR) in order to assure that the planned functionality resides in system software builds when it is needed. The contractor shall analyze the Build Functionality Matrix (BFM) for missing or moving Component functionality and provide insight of impacts to System Software build inter-dependencies. The contractor shall perform Integrated Master Plan/Integrated Master Schedule (IMP/IMS) analysis that is focused on software (S/W) activities and schedules associated with software development, integration, qualification/test and delivery. The contractor shall evaluate system software qualification/test plans, integration plans, and the implementation of software requirements in System Qualification documents and plans. The contractor shall review methods and observe Integration and testing of Component S/W builds at the System Integration Laboratory (SIL) and delivery of Flight S/W (via the MSDL) to WSMR where possible.

1.4 Provide requirements management and traceability expertise to reduce the risk of breakage in the program allocated requirements baseline. The contractor shall create an environment to facilitate end-to-end analysis of the requirements database supplied by the prime contractor to detect gaps, errors, and omissions in the allocated requirements baseline. The contractor shall investigate the relationship between the allocated system performance requirements and Component Software requirements. The contractor shall assist in the identification of issues that pertain to the horizontal integration of software functionality between Components (as dictated by Component Interface Specifications and other Component Software deliverable documents)

1.5 The contractor shall interface, as required, with the THAAD prime contractor, [REDACTED]; the Software Independent Verification and Validation contractor, [REDACTED]; the Hardware-in-the Loop contractor, [REDACTED]; and other SETA Contractors in performance of this task order.

PERIOD OF PERFORMANCE

PERIOD OF PERFORMANCE: 24 APR 02 to 31 DEC 05

