AWARD/CONTRACT		CONTRA			ORD	ER			RAT	ring	PAGE 1	OF PAGES
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17. [] CONTRACTOR'S NEGOTEATED AGREEN <u>documents and relevan</u> <u>anticles to instite effica.</u>] Bens or perform all the services set forth or otherwise aboves for the consideration stand borein. The rights a contract that he subject to and governed by the follow (b) the solicitation, if any, and (c) such provingen, repr as are attached or incorported by reference hervin. (Attaches sets area inster herein.)	Contractor agro identified above a d obligations of th ing documents: (1	nd en nny conti is parties to this () this avand/co	without,	above. the co	, is hereby niract-wh	y noonplad jok complete	as to the items I of the following	und abovi i decum de	and on any contin	igne are est forth in f matten shoote. This i mont's solicitation an	tierd contum	
19A. NAME AND TITLE OF SIGNER	(Type or prin	16)		JULI	A WERT				RACTING OF THE OFFICER EMAIL: j	FICER	tenberry	os.amy.mil
19B. NAME OF CONTRACTOR		19C. DAT	E SIGNED	2018. BY_		ED ST	Blue	H	A	mer .		TE SIGNED
(Signature of person authorized to sign)				107			(Signature	of Contrac	dug Officer)			1 24 /001 4 44
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Section B - Supplies or Services and Prices

This grant award supports the research identified in the Recipient's proposal titled "Adaptive Multi-modal Data mining and Fusion for Autonomous Intelligence Discovery," dated 27 November 2006, which is incorporated by reference. The estimated cost of the research is set forth in the budget attached as Exhibit A.

The Principal Investigator is Edward Wegman, TEL: 703-993-1700, email: ewegman@gmu.edu

ARO Grants Officer's Representative is Timothy Hanratty, TEL: (410) 278-3084; email: timothy.hanratty@us.army.mil

This grant is issued pursuant to the authority of 10 U.S.C. 2358.

CFDA No.: 12.630.

Period of Performance: 12 months

AWARD AMOUNT:	\$100,000.00
FUNDED AMOUNT:	\$100,000.00

Accounting and Appropriation Data

ACRN AA	
Appropriation No.:	21 6 2040 0000 0 6N 6N7C 611102H4800 255Y BCXC W71B7J6306CT03 6TEPBA S18129
Requisition/MIPR No.:	W71B7J-6306-CT03
Amount:	\$100,000.00
CLIN:	000101

1. TERMS AND CONDITIONS: This grant is subject to the U.S. Army Research Office General Terms and Conditions for Grant Awards to Educational Institutions and Other Nonprofit Organizations dated FEB 2005 and to any special considerations as contained in the below mentioned Article titled "Special Terms and Conditions." These terms and conditions are incorporated by reference with the same force and effect as if they were given in full text. The full text of the terms and conditions may be accessed electronically at http://www.arl.army.mil/main/main/DownloadedInternetPages/CurrentPages/ARO/documents/termcond05.pdf

2. PAYMENTS: Grant payment will be made by reimbursement. The recipient shall submit requests for payment using SF 270 – Request for Advance or Reimbursement – no more frequently than monthly. The request shall be submitted to the ONR Regional Office identified in Block 6 of the SF 26. Grant payments to the Recipient shall be made by the payment office identified in Block 12 of the SF 26.

3. ADMINISTRATION: This grant is administered by the Grantor and the Office of Naval Research (ONR) identified in Block 6 of the SF 26. See the Article titled "Delegation of Administration Duties" contained in the above referenced Terms and Conditions for the identity of the administration duties delegated to the ONR.

The point of contact at the U.S. Army Research, Development, and Engineering Command Acquisition Center, Research Triangle Park Division is:

Kevin Bassler, Grants/Agreements Specialist TEL: (919) 549-4295 EMAIL: kevin.bassler@us.army.mil

4. FUNDING INCREMENTS AND OPTIONS: The Grantor's obligation to provide funding for increments and/or options is contingent upon satisfactory performance and the availability of funds. Accordingly, no legal liability on the part of the Grantor exists unless or until funds are made available to the Grantor, notice of such availability is

confirmed in writing to the Recipient, and performance of the research is deemed satisfactory in the judgment of the ARO Technical/Grants Officer's Representative.

a. Obligation. In no case will the Government's financial obligation exceed the amount obligated on this Grant or by amendment to the Grant. The total estimated amount of Government funding for performance of this Grant is \$100,000.00, subject to the availability of funds. The amount of Government funds allotted and available for payment is \$100,000.00. It is estimated that such funds will be sufficient to cover all areas of performance for twelve (12) months of performance under the Grant. The Government is not obligated to reimburse the Recipient for expenditures in excess of the amount of obligated funds allotted by the Government.

b. Incremental Funding. The Government may obligate funds to this Grant incrementally. In the event that this Grant is funded incrementally, the Government anticipates that from time to time additional amounts will be allotted to this Grant by unilateral modification, until the total amount for performance of this Grant has been funded. To minimize interruption of effort due to lack of funds, the Recipient will notify the Grants Officer in writing whenever the amount of funds paid to the Recipient under this Grant when added to anticipated costs in the next 60 days will exceed 75% of the amount obligated.

5. REPORTING REQUIREMENTS: Technical and financial reporting requirements are pursuant to the Articles contained in the above referenced Terms and Conditions.

6. ACCEPTANCE OF GRANT: Acceptance of this grant is pursuant to the Article titled "Acceptance of Grant" contained in the above referenced Terms and Conditions.

7. SPECIAL TERMS AND CONDITIONS: None

EXHIBIT A - Budget

Item Description	12 Month Period
Direct Costs	
Salary	64,713.00
Other Direct Costs	
Travel	5,022.00
Indirect Costs	
Overhead	30,265.00
Total	100,000.00

GRANT AWARD CHECK SHEET

Agreement Nu	
Project Title:	Adaptive Multi-modal Data Mining and Fusion for Autonomous Intelligence Discovery
Cooperative M	anager Timothy Hanratty – 410-278-3084 timothy.hanratty@us.army.mill
Principal Inves	
Recipient POC	Ann McGuigan – 706-993-2988 amcguiga@gmu.edu
Government P	OC Kevin Bassler (ARO) – 919-549-4295 kevin bassler@us.army.mil
Recipient:	George Mason University
DUNS No.	077817450
Performance P	eriod: 12 Months
Tab No.	, ,
1	Pre-Award Correspondence
2	Broad Agency Announcement (BAA) -Research Area 1.12
3	Proposal and revised budget sheets
4	Purchase Request / Funding Document
5	Tech. Rep. Nondisclosure/Financial Stmt. Cert.
6	Technical Evaluation / Ozone Depletion / Hazardous Materials Statement
7	Certs and Reps
8	Excluded Parties Listing / Central Contractor Registration
9	Business Clearance Memorandum w/ Rate Agreement and University Policy on Pricing
10	Legal Review and Approval

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Bassler, Kevin (Civ, ARL/ARO)

From:	Hanratty, Timothy (Civ, ARL/CISD)
Sent:	Friday, December 15, 2006 3:14 PM
То:	Bassier, Kevin (Civ, ARL/ARO)
Cc:	Hanratty, Timothy (Civ, ARL/CISD); Duchow, Linda (Civ, ARL/CISD); Thomas, Mark (Civ,
	ARL/CISD)
Subject:	RE: George Mason Grant (Data mining)

Kevin,

Per our telephone conversion ... I am the CAM (technical representative) for the grant(s). They fall under the ARL Computational and Informational Science (BAA) and more specifically the Battlefield Knowledge Management subtopic.

We are anxious to get this work moving forward, so let me know if I may assist further.

Thanks for your help! -tim

P.s. I am out of the office next Monday & Tuesday - will be back Wednesday;

----Original Message----From: Bassler, Kevin (Civ, ARL/ARO) Sent: Friday, December 15, 2006 2:45 PM To: Hanratty, Timothy (Civ, ARL/CISD) Subject: George Mason Grant (Data mining)

Tim,

I am the Contract Specialist for this proposal.

I received the technical evaluation for this Grant proposal with your name attached to it. Can you verify if you are the CAM for this proposal. Also, if you are can you specify the BAA and the research area for the proposal.

I received a few other proposals in with your name attached, please verify you are the CAM on each of these also and let me know the BAA and research area:

Dr Malcolm Taylor (Data mining) BAE SYSTEMS (Soft Target Exploitation) Carnegie Mellon (Dynamic Network Analysis) Multisource Inc (Data Fusion Toolbox)

Thank you

Bassler, Kevin (Civ, ARL/ARO)

From: Sent: To: Subject:	Wertley-Rotenberry, Julia (Civ, RMAC/ARO) Wednesday, November 29, 2006 2:29 PM Bassler, Kevin (Civ, ARL/ARO) FW: Grant Application-Dr. Wegman, George Mason University (UNCLASSIFIED)
Attachments:	Final Submission 11 27 06-George Mason.pdf; Non Disclosure & Ozone Depleting- Wegman.doc; TechEval_GeorgeMason.doc; DataFusion%20Final%20Proposal.pdf
	iclosure & TechEval_GeorgeM DataFusion%20Fin Depleti ason.doc (32 K al%20Proposal
СТ03.	This is for requisition #: W71B7J-6306-
Award action is a	grant.
Sent: Wednesday, To: Wertley-Roten Cc: Ward, Stasy (da (Civ, ARL/CISD) November 29, 2006 12:04 PM berry, Julia (Civ, RMAC/ARO)
Classification: Caveats: NONE	UNCLASSIFIED
Julia,	
I am finalizing t	he grant packages that go along with the funding documents you have

a an inalizing the grant packages that go along with the funding documents you have already received. This is the first of the five and is from Dr. Ed Wegman at George Mason University for \$100,000.

Thanks, Linda

Classification: UNCLASSIFIED Caveats: NONE



AND THE

ARMY RESEARCH OFFICE

BROAD AGENCY ANNOUNCEMENT

FOR

BASIC AND APPLIED SCIENTIFIC RESEARCH



W911NF-07-R-0001

FY 2007 - FY 2011

ISSUED BY: U.S. Army RDECOM Acquisition Center Research Triangle Park Contracting Division P. O. BOX 12211 Research Triangle Park, NC 27709-2211 innovative structures for Army applications (designing, manufacturing, testing, verification and validation); and (vi) data mining for scientific applications.

Technical Point of Contact: Dr. Raju Namburu, e-mail: raju.namburu@us.army.mil, phone: 410-278-9761.

1.11. <u>Knowledge Fusion Research.</u> ARL is interested in proposals for developing in-depth knowledge and understanding of fundamental science and technology elements required for knowledge fusion, especially for the battlefield and homeland defense domains. A primary objective is to investigate different facets of integration and fusion phenomena with the goal of fusing together data from a wide variety of heterogeneous sources in a way that distills the combined information and adds intelligence to create knowledge. The data involved comes from databases (relational, object, legacy, spatial, temporal, and others), from knowledge bases, from semantic nets that include the coming semantic Web, as well as from sensor data Knowledge fusion involves fusing the data, applying and integrating various knowledge producing transforms (e.g. threat indices) and inferences (e.g. logical, nonmonotonic, hypothetical) as part of a comprehensive, domain-specific system that provides focused and quickly identifiable knowledge to the human user.

Technical point of contact: Dr. Dana L. Ulery, email: <u>dana.ulery@us.army.mil</u>, phone: 410-278-8609.

1.12. <u>Battlefield Knowledge Management and Discovery</u>. ARL is interested in proposals that address knowledge management and information fusion to develop the situational understanding required for planning and acting within the adversary's decision cycle, including the development of computational models that address the complexity of this class of battlespace problems. There is a need to develop knowledge-intensive systems that require not only the elicitation of human expertise but encoding it in computational formalisms required to implement the reasoning processes. Automated support for discovering knowledge such as interesting patterns in data is required. ARL's interest includes knowledge of heterogeneous data and multimedia types, data mining, text mining, knowledge agents, knowledge brokers, knowledge visualization systems, federated data warehouses, and knowledge standards for application in the wireless environment of the battlefield.

Technical Point of Contact: Mr. Timothy P. Hanratty, email: <u>timothy.hanratty@us.army.mil</u>, phone: 410-278-3084.

1.13. <u>Software Technologies Targeting Interoperability for Systems of Systems</u>. Background: Emerging DoD systems represent a revolutionary leap ahead in the concept of "system of systems" and interdependent operations. Interoperability and the management of complexity is the chief challenge to harness technologies to meet the future needs of the Army for information infrastructure. For example, the Army's Future Combat System (FCS) will be a joint, networked architecture made up of 18 individual systems plus the network and Soldier. It will be an ensemble of manned and unmanned combat systems, designed to provide a multifunctional, multi-mission reconfigurable system of systems maximizing interoperability, strategic transportability and commonality of mission roles including direct and indirect fire, air

Solicitation Number:	PROPOSAL COVER PAGE								
I. SUBMIT TO: Director U.S. Army Research Office ATTN: AMSRL-RO-RI P.O. Box 12211 Research Triangle Park, NC 27709-2211	2. For consideration by: Biology/Life Sci Chemistry Computer Science Electronics Mechanical Environmental Scient Sensors & Electron 1		Surv/Lothali	/Statistics 2 o Sci ftis Sci dt Eng ly	. Is this p nother Fo I No [ederal A			
	4. Is applicant delinque	nt on any Federal Debt? 5. Pro tion) X No 12				Proposal Valid Until (min of 6 mos): 12 Months			
6. Entity Identification Number (EIN) or Taxpayer Identification Number (TIN) 54-0836354	ering Sy	vstem (DUN	((. Commer CAGE) C X764		Government Entity			
9. Name of organization to which award sho George Mason University 4400 University Drive, MS 4C6 Fairfax, VA 22030	10. A	dministrativo	e Address of (Organizati	ion (if di	fferent):			
		11. Bi differ	ranch/Camp ent): Farifio	us/Other Comj t, VA	ponent (w	where wo	rk is performed, if		
12. Submitting Organization's Contract/Gra George Mason University Office Sponsored Programs 4400 University Drive, MS 4C6 Fairfax, VA 220303	Geor 4400	e Mason Ur	ganization's A liversity, Inter Drive MSN 22030-4444	nal Audit (ice: Office				
Educational: HBCU Minority In Hospital: Public Private I Nonprofit Not-For-Profit Other (Specify)	Disadvantaged 28a 27 stitution 2 Hispanic 2 In Nonprofit 2 For Profit	dian Tri	bel 🖪 State	Private [C P	D P		
15. Check appropriate box(cs) if this propose items listed below:	l includes any of the		oposed Amo 000.00	unt:			e of Award Proposed: gle Investigator		
Human Subjects Biosafety Le	vel (BL) 1-4 Facility	17. Proposed Duration (1-60 mos): 12 months							
National Environment Policy Act Disclosure of Lobbying Activities Historical Places GFE GFD Propr	Limited Rights Data	18. Proposed Start Date: Research Instrumentation 9/1/06 Conference/Symposia Ø Other (Specify): Grant							
20. Title of Proposed Project: Adaptive Mul	ti-modal Data Mining & Fi	usion fo	r Autonomoi	a Inteiligence	Discover	ry			
21. Principal Investigator (PI)/Project Dir Edward Wegm a n , P h . D .		Postal	Address:	22. Year Pl' 1968	's degree	con ferre	d		
George Mason University, College of 4400 University Drive, Feirfax, VA 22	Science 1030			23. Scientifi Statis			sdegree iter Science		
TYPED NAMES	TELEPHONE NUM	BER		LE NUMBER			ONIC MAIL ADDRESS		
24. PI/PD Edward Wegman, Ph.D.	703-993-1691		703-99	3-1700	eweg	man@g/	nu.odu		
25. CO-PI/PD				•					
26 a. Primary Administrative representative Authorized to Conduct Negotiations: Ann T. McGuigan, Ph.D.	703-993-2988		703-993-2		emog	uig a@g	nu.edu		
26 b. Alternate Administrative Representativ Authorized to Conduct Negotiations: Karen G. Cohn	e 703-993-4104		703-993-2	296	kcohr	kcohn@gmu.edu			

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27 a. Authorized Representative Signing for Applicant Organization:	27 c. By signing and submitting this proposal, the Offeror is provid the certifications contained in this BAA.	ling
27 b. Title: Associate Director, Office of Sponsored Programs	27 d. Signature Date:	

Form 51 (REV Jun 05)



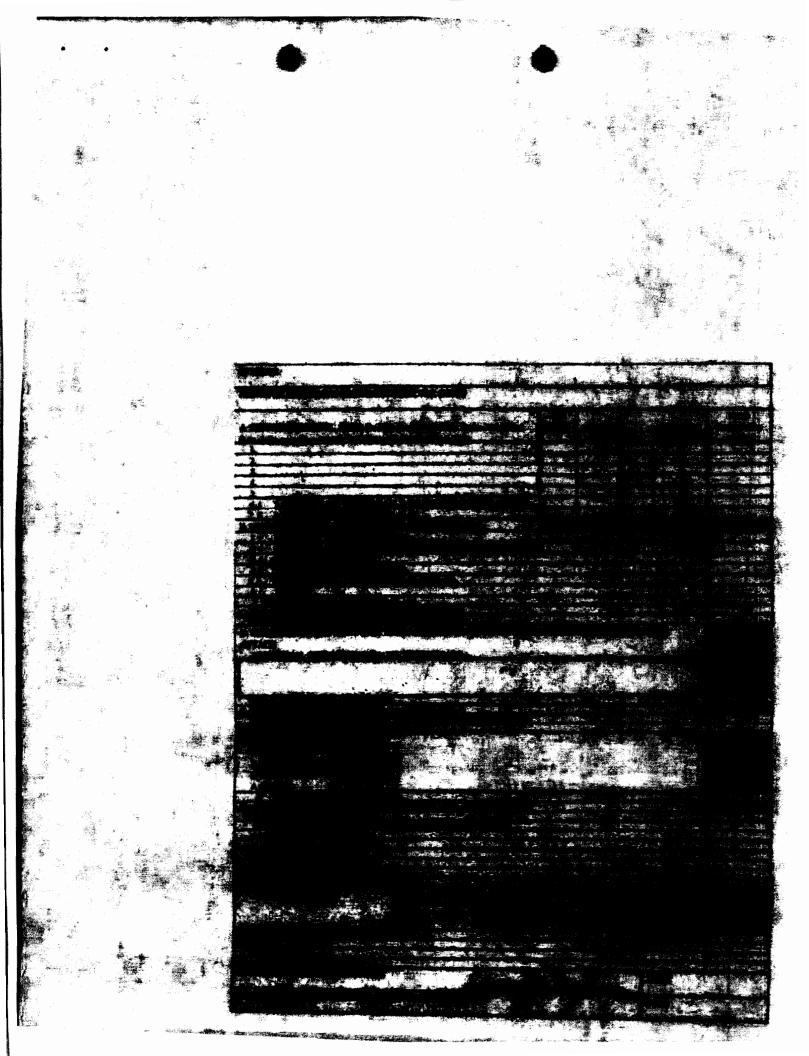
SUMMARY PROPOSAL BUDGET YEAR-1

OFFEROR							
George Mason University							
PRINCIPAL INVESTIGATOR/PROJECT	DIRECTOR (PI/PD)						
Edward Wegman, Ph.D.							
		Man					Funds
A. SENIOR PERSONNEL, PI/PD, Co-PI'	s, Faculty and Other Senior Associated	Hrs/Mo	Rates	Pe	mon-Mont	ths	Requested by
(List each separately with title, A.7, show a	umber in perentheses)			CAL	ACAD	SMR	Offeror
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1. () POST DOCTORAL ASSOCI					1	1	0
	ECHNICIAN, PROGRAMMER, ETC	1					0
3. () GRADUATE STUDENTS						L.,	0
4. () UNDERGRADUATE STUDE							0
S. () SECRETARIAL - CLERICAL							0
6. (1) OTHER							31,550
7. TOTAL SALARIES AND WAGES ((A + P)						55,178
C. FRINGE BENEFITS (IF CHARGED A	S DIRECT (OSTS)						9,535
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ADDITIONAL EXPLANATION PAGE			100000	30,000.	W. AII	ACU	
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ARO Form 99 (MAY 97)

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Office of Sponsored Programs

4400 University Drive, MS 4C6, Fairfax, Virginia 22030 Phone: 703-993-2988; Fax: 703-993-2296

November 27, 2006

Barry Bodt, Ph.D.

RE: Adaptive Multi-model Data Mining and Fusion for Autonomous Intelligence Discovery Unsolicited Proposal (Forms 51 and 99)

Dear Dr. Bodt:

As requested, attached are George Mason University's ARO 51 and 99 forms, submitted to the U.S. Army Research Laboratory, on behalf of Dr. Edward Wegman, College of Science.

As discussed, Dr. Wegman is currently traveling and unavailable to sign the final version of form 99 (attached). In lieu of this, George Mason has attached an earlier version of form 99 Dr. Wegman signed prior to his departure. Upon his return, the final version of form 99 will be signed by Dr. Wegman and forwarded to your office.

If you have any questions regarding the budget or university policies and procedures should be directed to Michelle C. Morelli, Grants Administrator, Office of Sponsored Programs at (703) 993-2978.

Sincerely,

ann & Coha

Karen G. Cohn Associate Director Office of Sponsored Programs George Mason University







Office of Sponsored Programs

4400 University Drive, MS 4C6, Fairfax, Virginia 22030 Phone: 703-993-2968; Fax: 703-993-2296

August 18, 2006

Barry Bodt, Ph.D. Department of the Army

RE: Adaptive Mutil-modal Data Mining and Fusion For Autonomous Intelligence Discovery (Unsolicited Proposal)

Dear Dr Bodt:

Enclosed, please find a grant proposal submitted to the Department of the Army on behalf of Edward Wegman, Computation and Data Science Department, George Mason University.

If you have any questions regarding the technical portion of this project, please feel free to contact Dr. Wegman at 703-993-1691; questions regarding budget or university policies and procedures should be directed to Michelle C. Morelli, Grants Administrator, Office of Sponsored Programs at (703) 993-2978.

Sincerely,

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Karen A. Cohn

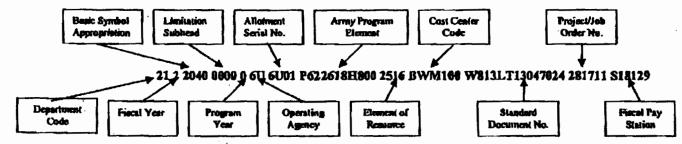
Karen G. Cohn Associate Director, Pre-Award George Mason University

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EXAMPLE OF CORRECT ARMY FUND STRIP:



NO DASHES OR DOTS

DEPARTMENT CODE (2 dig()	_ 21	This is the government organization that receives the money.
FISCAL YEAR (I digi)	6	This is the fiscal year funds were made available.
BASIC SYMBOL (4)	2040	Euter specific appropriation or account symbol assigned (2040, 2020, etc.).
LIMITATION/SUBHEAD (4)	0000	Sub-limitation. Sometimes appears after the basic symbol (2040.24/0). Zero out if not used.
PROGRAM YEAR (I)	0	Required for funds that never appire, atherwise coter "6".
OPERATING AGENCY (2)	EN	This is who is using the money (6U - ARL)
ALLOTMENT SERIAL NUMBER (4)	GN7C	This identifies a fund target/subdivision within an appropriation or fund.
AMSCOAROGRAM ELEMENT/PROJECT ACCOUNT (11)	611102EL4800	This identifies the project, 6.2 Exploratory Dev, 6.1 Dasic Resurch, etc. Do not include the MDEP (i.e., RK01)
BLEMINT OF RESOURCE (BOR) (4)	2551	This identifies the type of service or function being performed.
COST CENTER CODE (6)	BCXC	ALL AMC ACTIVITTES MUST ENTER THE COC NO ZEROING OUT (W262AA IS NOT A COCI)
STANDARD DOCUMENT NUMBER (14)	W718736306CT03	This is the purchase request number.
APC/PROJECT OK JOB ORDER MUMBER (6)	6TTPBA	This is the project or job order number assigned by the initiator.
FISCAL STATION NUMBER (6)	S18129	This is the fiscal pay station.

THE RESULTANT FUND STRIP WOULD BE 65 CONTINUOUS CHARACTERS IN A SPECIFIC ORDER LOOKING LIKE THIS:

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CERTIFICATION OF PERSONNEL INVOLVED IN ACQUISITION/SOURCE SELECTION CONCERNING CONFLICTS OF INTEREST, NONDISCLOSURE AND RULES OF CONDUCT FOR SOLICITATION NO. US Department of the Army, Army Research Office, Grant Application

ITEM: Adaptive Multi-modal Data Mining and Fusion for Autonomous Intelligence Discovery-Dr. Edward Wegman

1. I have read, understand, and will abide by the requirements of Section 27 of the Office of Federal Procurement Policy Act Amendments of 1988 (41 U.S.C. 423) as implemented in the Federal Acquisition Regulation and Agency supplements, and AR 600-50, Standards of Conduct for Department of Army Personnel.

2. *To the best of my knowledge, neither I, nor my spouse, nor my dependent child(ren), nor members of my household:

a. Have any direct or indirect financial interest:

(1) In any firm on the list of potential offerors or which has otherwise expressed an interest in the acquisition (if this certification is made prior to receipt/opening of proposals).

(2) In any of the firms submitting proposals in response to Solicitation No. US Department of the Army, Army Research Office, W911NF-04-R-0005, or their proposed subcontractors (if this certification is made subsequent to receipt/opening of proposals): OR

b. Have any other beneficial interest in such firms except:

3. *To the best of my knowledge no person related to me by blood or marriage (apart from the persons referred to in paragraph 2. above) or any business associate is employed by or has direct or indirect financial interest or any other beneficial interest in the firms referenced at paragraph 2.a. above, except:

* The listing of interests or activities under paragraphs 2 and 3 above, does not mean that the employee cannot participate in the acquisition/source selection process. The effect of the interests/activities will be determined by the chairman of the Source Selection Advisory Council or chairman of the Source Selection Evaluation Board, as set out in the Source Selection Plan (or the contracting officer for acquisitions at his/her level), after consultation with legal counsel.

4. I understand that the release of proprietary and source selection information is governed by 41 U.S.C. 423, AR 340-17, Release of Information and Records from Army Files, AR 600-50, Standards of Conduct for Department of Army Personnel, and provisions of the Federal Acquisition

Regulations. I will not knowingly disclose any proprietary or source selection information regarding this procurement directly or indirectly to any person other than a person authorized by the head of the agency or the contracting officer to receive such information.

5. I will observe the following rules during the conduct of the procurement:

.

a. I will not solicit or accept, directly or indirectly, any promise of future employment or business opportunity from, or engage, directly or indirectly, in any discussion of future employment or business opportunity with, any officer, employee, representative, agent, or consultant of a competing contractor. I am aware that there are limitations and restrictions on post-government employment activities and are set out in the statute and regulations referenced in paragraph 1, above.

b. I will not ask for, demand, exact, solicit, seek, accept, receive, or agree to receive, directly or indirectly, any money, gratuity, or other thing of value from any officer, employee, representative, agent or consultant of any competing contractor for this procurement. I will advise my family that the acceptance of a gratuity from those who are engaged in or seek to do business with the Department of Defense may be imputed to me as a violation of AR 600-50, and must therefore be avoided.

c. I will instruct members of my parent or home organization to not divulge my participation in the evaluation and source selection process or my physical location, while participating to unauthorized persons.

d. I understand that all communications with offerors or their subcontractors concerning this acquisition must be made by/through the contracting officer or his/her designee. I will divert all attempted communications by offeror's representatives or any other unauthorized person to the contracting officer.

e. I will not discuss evaluation or source selection matters with any unauthorized individuals (including Government personnel), even after the announcement of the successful contractor, unless authorized by the contracting officer.

6. I realize that my actions in connection with my participation in this source selection are subject to intense scrutiny and I will conduct myself in a way that will not adversely affect the confidence of the public in this source selection process. I will avoid any action, whether or not prohibited, that could result in or could create the appearance of my losing independence or impartiality. I will not use my public office for private gain, and I agree not to engage in any personal business or professional activity, or enter into any financial transaction, that involves or appears to involve the direct or indirect use of "inside information" to further a private gain for myself or others.

7. I understand that my obligations under this certification are of a continuing nature, and if anything takes place which would cause a change to any statement, or create a violation of any representation or rule of conduct herein, I will bring such matter to the attention of the contracting officer. Signature

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Linda C. Duchow Name (Printed)

Army Research Laboratory Organization

<u>2 Nov 2006</u> Date

THIS CERTIFICATION CONCERNS A MATTER WITHIN THE JURISDICTION OF AN AGENCY OF THE UNITED STATES AND THE MAKING OF A FALSE, FICTITIOUS, OR FRAUDULENT CERTIFICATION MAY RENDER THE MAKER SUBJECT TO PROSECUTION UNDER TITLE 18, UNITED STATES CODE, SECTION 1001.

OZONE DEPLETING SUBSTANTCES (ODS) CERTIFICATION

To the best of your knowledge, this action Center for Geosciences/Atmospheric Research DOES ______ DOES NOT _X__ contain a requirement for the use of Class I Ozone Depleting Substances (ODS) or a requirement that can be met only through the use of such a substance. (If the determination is positive, enclose the approval required {pursuant to Section 326, Public Law 102-484} for the use of the Class I ODS which certifies that a suitable substitute for the ODS is not currently available. Also enclose a plan for eliminating the requirement for this Class I ODS).

Signature

.

Linda C, Duchow Name (Printed)

Army Research Laboratory Organization

<u>2 Nov 2006</u> Date

Technical Evaluation of Proposal

Title: Adaptive Multi-modal Data Mining and Fusion For Autonomous Intelligence Discovery Firm: George Mason University

- Relevance With the mission to exploit, develop, and produce innovative computer technologies to meet military information and analysis requirements before, during, and after tactical operations - the scope of this proposal to autonomously discovery and triage of contextually relevant information and develop a prototype to mine, filter and fuse multi-modal data stream is of highest relevance to the Army. The credentials of the principal investigator are impeccable.
- 2. Labor Hours The analysis of direct labor show the allocation of labor hours and associated rates is reasonable and consistent.
- 3. Travel Requirements for travel
- 4. Government Furnished Property N/A. GFP is non-issue.

/S/ Timothy Hanratty US Army Research Laboratory August 21, 2006

EPRESENTATIONS , CERTIFICATIONS, AND OTHER STATEMENTS OF THE BIDDERS/OFFEORS/OR QUOTERS

Certification Regarding Lobbying

This certification is required for an award of a Federal contact, grant, or cooperative agreement according \$100,000 and for an award of a Federal loan or a commitment providing for the United States to insure or guarantee a loan exceeding \$150,000

The undersigned certifies, to the best of his or her knowledge and belief, that:

(1) No Federal appropriated funds have been paid or will be paid, by or on behalf of the undersigned, to any person for influencing or attempting to influence an officer or employee of an agency, a Member of Congress, an officer or employee of Congress, or an employee of a Member of Congress in connection with the awarding of any Federal contract, the making of any Federal grant, the making of any Federal loan, the entering into of any cooperative agreement, and the extension, continuation, renewal, amendment, or modification of any Federal contract, grant, loan, or cooperative agreement.

(2) If any funds other than Federal appropriated funds have been paid or will be paid to any person for influencing or attempting to influence an officer or employee of any agency, a bientber of Congress, an officer or employee of Congress, or an employee of a Member of Congress in connection with this Federal contract, grant, loan, or cooperative agreement, the undersigned shall complete and submit Standard Form - LLL, "Disclosure Form to Report Lobbying," In accordance with its instructions.

(3) The undersigned shall require that the language of this certification be included in the award documents for all subawards at all tiers (including subcontracts, subgrants, and contacts under grants, leans, and cooperative agreements) and that all subrecipients shall certify and disclose accordingly.

This certification is a material representation of fact upon which reliance was placed when this transaction was made or entered into. Submission of this certification is a prerequisite for making or entering into this transaction imposed by section 1352, title 31, U.S. Code. Any person who fails to file the required certification shall be subject to a civil penalty of not less than \$10,000 and not more than \$100,000 for each such failure

Openization (Offeror):	George	Mason	University.	Office	of	Sponsored	Programs
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Signature: 🛌

Typed Name: Karen G. Cohn

Title: Associate Director Date: December 19, 2006

REPRESENTATIONS, CERTIFICATIONS, AND OTHER STATEMENTS OF THE BIDDERS/OFFEORS/OR QUOTERS

2. CERTIFICATION REGARDING DEBARMENT, SUSPENSION, PROPOSED DEBARMENT, AND OTHER RESPONSIBILITY MATTERS-PRIMARY COVERED TRANSACTIONS

- (1) The prospective primary participant certifies to the best of its knowledge and belief, that it and its principals:
 - (a) Are not presently debarred, suspended, proposed for debarment, declared ineligible, or voluntarily excluded from covered transactions by any Federal department or agency;
 - (b) Have not within a three-year period preceding this proposal been convicted of or had a civil judgment rendered against them for commission of fraud or a criminal offense in connection with obtaining, attempting to obtain, or performing a public (Federal, State, or local) transaction; violation of Federal or State antitrust statutes or commission of embezzlement, theft, forgery, bribery, falsification or destruction of records, making false statements, or receiving stolen property;
 - (c) Are not presently indicted for or otherwise criminally or civilly charged by a governmental entity (Federal, State, or local) with commission of any of the offenses enumerated in paragraph (1)(b) of this certification; and
 - (d) Have not within a three-year period preceding this application/proposal had one or more public transactions (Federal, State or local) terminated for cause or default.

(2) Where the prospective primary participant is unable to certify to any of the statements in this certification, such prospective participant shall attach an explanation to this proposal.

Organization (Offeror): _	George	Mason Universi	typ Office of	Sponsored Programs
Signature: Karen	-A	Coha		
Typed Name:Karen	G. Cohr	1		

Title: Associate Director Date: December 19, 2006

REPRESENTATIONS, CERTIFICATIONS, AND OTHER STATEMENTS OF THE BIDDERS/OFFEORS/OR QUOTERS

3. CERTIFICATION REGARDING DRUG-FREE WORKPLACE REQUIREMENTS

- A. The recipient certifies that it will or will continue to provide a drug-free workplace by:
 - (a) Publishing a statement notifying employees that the unlawful manufacture, distribution, dispensing, possession, or use of a controlled substance is prohibited in the grantee's workplace and specifying the actions that will be taken against employees for violation of such prohibition;
 - (b) Establishing an ongoing drug-free awareness program to inform employees about -
 - (1) The dangers of drug abuse in the workplace;
 - (2) The recipient's policy of maintaining a drug-free workplace;
 - (3) Any available drug counseling, rehabilitation, and employee assistance programs; and
 - (4) The penalties that may be imposed upon employees for drug abuse violations occurring in the workplace;
 - (c) Making it a requirement that each employee to be engaged in the performance of the grant be given a copy of the statement required by paragraph (a);
 - (d) Notifying the employee in the statement required by paragraph (a) that, as a condition of employment under the cooperative agreement, the employee will -
 - (1) Abide by the terms of the statement; and
 - (2) Notify the employer in writing of his or her conviction for a violation of a criminal drug statute occurring in the workplace no later than five calendar days after such conviction;
 - (e) Notifying the agency in writing, within ten calendar days after receiving notice under paragraph (d)(2) from an employee or otherwise receiving actual notice of such conviction. Employers of convicted employees must provide notice, including position title, to every grant officer or other designee on whose grant activity the convicted employee was working, unless the Federal agency has designated a central point for the receipt of such notices. Notice shall include the identification number(s) of each affected grant or cooperative agreement;

Landpg team

REPRESENTATIONS, CERTIFICATIONS, AND OTHER STATEMENTS OF THE BIDDERS/OFFEORS/OR QUOTERS

CERTIFICATION REGARDING DRUG-FREE WORKPLACE REQUIREMENTS (conid)

- (f) Taking one of the following actions, within 30 calendar days of receiving notice under paragraph (d)(2), with respect to any employee who is so convicted –
 - Taking appropriate personnel action against such an employee, up to and including termination, consistent with the requirements of the Rehabilitation Act of 1973, as amended; or
 - (2) Requiring such employee to participate satisfactorily in a drug abuse assistance or rehabilitation program approved for such purposes by a Federal, State, or local health, law enforcement, or other appropriate agency;
- (g) Making a good faith effort to continue to maintain a drug-free workplace through implementation of paragraphs (a), (b), (c), (d), (c) and (f).

B. The recipient may insert in the space provided below the site(s) for the performance of work done in connection with the proposed cooperative agreement:

Place of Performance (Street address, city, county, state, zip code)

Check mark if there are workplaces on file that are not identified here.

Organization (Offeror):	George	Mason	UNiversity,	Office	of	Sponsored	Programs
Signature: Kare	n Å.	Coh	·				a a na a a a a a a a a a a a a a a a a

Typed Name: Karan G. Cohn

Tids: Associate Director

Date: December 19, 2006

REPRESENTATIONS, CERTIFICATIONS, AND OTHER STATEMENTS OF THE BIDDERS/OFFEORS/OR QUOTERS

4. 52.204-3 TAXPAYER IDENTIFICATION (OCT 1998)

(a) Definitions.

"Common parent," as used in this solicitation provision, means that corporate entity that owns or controls an affiliated group of corporations that files its Federal income tax returns on a consolidated basis, and of which the offeror is a member.

"Taxpayer Identification Number (TIN)," as used in this provision, means the number required by the Internal Revenue Service (IRS) to be used by the offeror in reporting income tax and other returns. The TIN may be either a Social Security Number or an Employer Identification Number.

(b) All offerers must submit the information required in paragraphs (d) through (f) of this provision to comply with debt collection requirements of 31 U.S.C. 7701(c) and 3325(d), reporting requirements of 26 U.S.C. 6041, 6041A, and 6050M and implementing regulations issued by the IRS. If the resulting contract is subject to the reporting requirements described in Federal Acquisition Regulation (FAR) 4.904, the failure or refusal by the offerer to furnish the information may result in a 31 percent reduction of payments otherwise due under the contract.

(e) The TIN may be used by the Government to collect and report on any delinquent amounts arising out of the offeror's relationship with the government (31 U.S.C. 7701(c)(3)). If the resulting contract is subject to the payment reporting requirements described in FAR 4.904, the TIN provided hereunder may be matched with IRS records to verify the accuracy of the offeror's TIN.

(d) Taxpayer Identification Number (TIN).

TIN: <u>54-0836354</u>

TIN has been applied for.

] TIN is not required because:

Offeror is a nonresident alien, foreign corporation, or foreign partnership that does not have income effectively connected with the conduct of a trade or business in the United States and does not have an office or place of business or a fiscal paying agent in the United States;

Offeror is an agency or instrumentality of a foreign government;

Offeror is an agency or instrumentality of a Federal Government;

Other. State basis.

919 549 4373 P.07

REPRESENTATIONS, CERTIFICATIONS, AND OTHER STATEMENTS OF THE BIDDERS/OFFEORS/OR QUOTERS

4. 52.204-3 TAXPAYER IDENTIFICATION (OCT 1998)

(c) Type of organization.

Sole proprietorship;

Partnership;

Corporate entity (not tax-exempt):

Corporate entity (tax-exempt):

Government entity (Federal, State, or local);

Foreign government;

International organization per 26 CFR 1.6049-4;

Other Public Institution of Higher Education

(f) Common Parent.

5. ADDRESS TO WHICH PAYMENT SHOULD BE MAILED

Offerer(s) is/are required to indicate below the address to which payment should be mailed, if such address is different from that shown for the Offerer on the face of this Solicitation.

CHECK MAILING ADDRESS:

Name: Cashier's Office, George Mason University	Same 🛄
Address: 4400 University Drive, MSN 2E1	
City and State: Fairfax, Virginia 22030	

6. DEFENSE CONTRACT MANAGEMENT COMMAND

Components of the Department of Defense perform contract administration services providing assistance to Contractors and Government Agencies in accomplishing most administrative functions required under a contract. One or more of the following may be involved:

Defense Contract Management District (DCMD) Defense Contract Management Area Operations (DCMAO) Defense Plant Representative Office (DPRO) Any other Contract Administration Services such as AFPRO

TOTAL P.C.

REPRESENTATIONS, CERTIFICATIONS, AND OTHER STATEMENTS OF THE BIDDERS/OFFEORS/OR QUOTERS

DEFENSE CONTRACT MANAGEMENT COMMAND (contd)

The Offeror shall furnish below the address of the cognizant DCMS component or state "unknown".

Department of the Navy, Office of Naval Research

-	800 North Quincy Street, BCT #3, Room 426	
	Arlington, Virginia 22217	
	ATTN: Linda B. Shipp, Contracting Officer	
Telephone:	703-696-8559	

7. COMMERCIAL AND GOVERNMENT ENTITY (CAGE) CODE

As requested in the DFARS Provision 252.204-7001, CAGE Code Reporting, the Bidder/Offeror's CAGE Code is: 7X764

7

8. DUNS NUMBER.

The Bidder/Offeror's 9 digit DUNS number is: 07-781-7450



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Current Registration Status: Active in CCR; Registration valid until 10/11/2007.

DUNS:077817450DUNS PLUS4:7X764CAGE/NCAGE Code:7X764Legal Business Name:GEORGE MASON UNIVERSITYDoing Business As (DBA):Division Name:Division Name:Division NumberCompany URL:

 Physical Street Address 1:4400 UNIVERSITY DR MSN 4B2

 Physical Street Address 2:

 Physical City:
 FAIRFAX

 Physical State:
 VA

 Physical Zip/Postal Code:
 22030-4422

 Physical Country:
 USA

Mailing Name:GEORGE MASON UNIVERSITYMailing Address:4400 UNIVERSITY DRIVE, MS 4C6Mailing Address 2:FAIRFAXMailing City:FAIRFAXMailing State:VAMailing Zip/Postal Code:22030-4444Mailing Country:USA

Business Start Date:

- Corporate Information -<u>Type of Organization</u> Corporate Entity, Tax Exempt (State of Incorporation is VA)

04/17/1972

Business Types/Grants M8 - Educational Institution OH - State Controlled Institution of Higher Learning VW - Contracts and Grants

-Goods / Services ·

North American Industry Classification System (NAICS) 541710 RESEARCH AND DEVELOPMENT IN THE PHYSICAL, ENGINEERING, AND LIFE SCIENCE:

> Standard Industrial Classification (SIC) 8221 COLLEGES AND UNIVERSITIES

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12/15/2006

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Product Service Codes (PSC)

Federal Supply Classification (FSC)

- Small Business Types -

SDB, 8A, and HubZone certifications come from the Small Business Administration and are not editable vendors.

Business Types

Expiration Date

North American Industry Classification System (NAICS) The small business size status is derived from the revenues and/or number of employees entered by vendor during the registration process.

NAICS Code	Description	Small Business	Emerging Sr Business
541710	RESEARCH AND DEVELOPMENT IN THE PHYSICAL, ENGINEERING, AND LIFE SCIENCES	No	No

·	Points	of Contact	
Govern	ment Business POC Primary	Govern	ment Business POC Alternate
Name:	MIKE LASKOFSKI	Name:	KAREN COHN
Address Line 1:	GEORGE MASON UNIVERSITY, MSN 4C6	Address Line 1:	GEORGE MASON UNIVERS MSN 4C6
Address Line 2:		Address Line 2:	
City:	FAIRFAX	City:	FAIRFAX
State:	VA	State:	VA
Zip/Postal Code:	22030	Zip/Postal Code:	22030
Country:	USA	Country:	USA
U.S. Phone: Non-U.S. Phone:	(703) 993-4573 Ext:	U.S. Phone: Non-U.S. Phone:	(703) 993-4104 Ext:
Fax:	(703) 993-2296	Fax:	(703) 993-2296
Past Name: Address Line 1: Address Line 2: City: State: Zip/Postal Code: Country: U.S. Phone: Non-U.S. Phone: Fax:	Performance POC Primary Ext:	Past Name: Address Line 1: Address Line 2: City: State: Zip/Postal Code: Country: U.S. Phone: Non-U.S. Phone: Fax:	Performance POC Alternate Ext:
Electr Name: Address Line 1: Address Line 2: City: State:	onic Business POC Primary KAREN G. COHN GEORGE MASON UNIVERSITY, MSN 4C6 FAIRFAX VA	<u>Electr</u> Name: Address Line 1: Address Line 2: City: State:	onic Business POC Alternate MIKE LASKOFSKI GEORGE MASON UNIVERS MSN 4C6 FAIRFAX VA

http://www.bpn.gov/ccrinq/scripts/results2.asp



Zip/Postal Code: 22030 Country: USA U.S. Phone: (703) 993-4104 Ext: Non-U.S. Phone: Fax: (703) 993-2296

Zip/Postal Code: 22030 Country: USA U.S. Phone: Non-U.S. Phone: Fax: (703) 993-2296

(703) 993-4573 Ext:

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Excluded Parties List System

