



Proposer Information Package (PIP)

Information Exploitation Technology

BAA 04-17

March 8, 2004



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A PROGRAM DESCRIPTION AND GOALS

DARPA's Information Exploitation Office (DARPA/IXO) is soliciting proposals for advanced research and development of enabling technology, critical subsystems, and full system concepts that will provide revolutionary improvement to the efficiency and effectiveness of military command, control, intelligence, surveillance, reconnaissance (C2ISR) and strike operations in complex battlespaces.

The goal of this procurement is to identify and develop novel ideas about sensing, signal processing, target characterization, data fusion, target tracking, predictive awareness, battle management, collaborative planning, and visualization that can contribute to future warfighting effectiveness. Ideas can address 1) ways to employ new scientific/technical developments to achieve significant increases in component performance; 2) novel combinations of existing technologies into systems that create new warfighting capabilities; or 3) combinations of both. Proposed efforts should constitute at least two phases. The first phase should seek to establish the technical feasibility of the concept, in an exploratory effort lasting between 3 months and one year. Phases beyond the first should be proposed as options leading toward increasingly robust technology or system development, and consist of 12-18 month segments with specific capability goals to be achieved at the end of each segment.

A.1 AREAS OF INTEREST

The DARPA Information Exploitation Office develops sensors and information processing systems with application to battle space awareness, targeting, command and control, and the supporting information infrastructure required to address surface threats across the full range of anticipated warfighting environments. IXO focuses on automating and accelerating the processes by which U.S. forces perform surface target interdiction in environments that require very high combat identification confidence and an associated low likelihood for inadvertent collateral damage. Proposals that address any aspect or combination of aspects that fall within IXO's broad mission objectives may be submitted under this BAA. Areas of specific interest include but are not limited to:

A.1.1 Sensors

IXO is interested in new and novel sensors, combinations of sensors and sensor types, and sensor control strategies to detect and discriminate militarily significant targets (including personnel) and support high confidence target identification under challenging conditions of terrain, foliage cover, camouflage, concealment, and in urban warfighting environments. Of special interest are new sensor modes that can offer high resolution visibility through walls and around, over or into urban structures, and in sensors that can provide optical quality imagery of military targets from standoff distances, regardless of weather conditions and/or concealed deployments.

A.1.2 Exploitation

IXO is interested in new techniques for machine-aided identification of targets of military significance based on data from individual sensors and/or from coordinated multiple sensors located either on a single platform or on multiple platforms. Of interest are very low false alarm rate wide-area target detection approaches and high probability of correct classification, low error rate approaches to target identification. Sensors may provide 1-D, 2-D or 3-D information and may include real beam radar data, HRR profiles, synthetic aperture radar imagery, ultra high-resolution SAR imagery, EO/IR imagery, EO/IR motion imagery, HSI/MSI, stereo cameras and imaging LIDAR sensors. IXO is also interested in new and novel approaches for evaluating



automatic target recognition capabilities, and in new and novel techniques to establish performance bounds for aided and autonomous recognition systems.

A.1.3 Positive Combat Identification

IXO is interested in new and novel techniques for tagging, tracking and locating objects, and vehicles and dismounts over large areas. IXO is particularly interested in small, low-powered, long-life devices and techniques, with a focus on capabilities that can be read out from stand-off over large areas of regard and that afford very low probability of detection by enemy forces. Potential applications may be active or passive and may utilize RF, EO/IR, or multi-spectral communications concepts or other phenomenology to designate target items of interest. IXO is interested in new and novel techniques to provide blue force combat identification and IFF. Techniques considered should be appropriate for both surface to surface and air to surface applications and should support IFF of both vehicles and dismounted combatants.

A.1.4 Battlespace Visualization

IXO is interested in new concepts and innovative technologies for advanced visualization and presentation, immersive interfaces, advanced human computer interfaces, natural language, gesture and mixed modal interfaces and other capabilities that may facilitate accurate and rapid assimilation and manipulation of complex, multi-source battlefield data by strategic and tactical commanders.

A.1.5 Network-Centric Battle Management

IXO is interested in system concepts that jointly plan, synchronize and manage ISR and strike capabilities together to improve response performance in time-sensitive engagements. IXO is interested in advanced concepts, approaches, techniques and tools for the network-centric engagement of time-sensitive and evasive targets, and in dynamic tasking and synchronization of organic, tactical, theater and national intelligence, surveillance and reconnaissance systems. Interests include innovative mechanisms for identifying and representing commander's intent, defining mission-specific collection requirements, assessing available asset capabilities, performing target-weapon pairing, and optimally assigning actors to tasks.

A.1.6 Precision Tracking and Targeting

IXO is interested in new and novel approaches to maintaining continuous, high-precision tracks on evasive targets of military significance that operate in close proximity to other, non-threatening and/or civilian vehicles and/or which may occasionally stop and remain hidden for indefinite periods of time. Interests include capabilities to support long duration tracking from persistent or intermittent observations, techniques for target reacquisition and track labeling and techniques to perform motion pattern or behavioral pattern analysis from track segments, detection reports or long-duration track data.

A.1.7 Weapon Effectiveness Assessment

IXO is interested in new and novel sensing approaches and sensor data exploitation concepts to support near-real-time assessment of battle damage and strike effectiveness. Approaches may include novel exploitation of strike platform sensor data or weapons augmentation to provide a BDI/BDA signature. Also of interest are techniques for quickly evaluating the functional implications of ongoing and/or completed strike operations, based on observed weapons effects.



A.1.8 Information Management of Logistics

IXO is interested in new and novel techniques to improve the planning, execution, and real-time coordination of complex joint service logistics operations. Advanced concepts and technology are of interest in areas of readiness assessment, deployment planning, distribution management, asset visibility management, and dynamic resource control.

A.1.9 Distributed Control of Networked Autonomous Robotic Platforms

IXO is interested in new and novel emergent capabilities to coordinate the behavior of individual networked autonomous and semi-autonomous robotic systems to perform complex battlefield tasks. Topics of interest include centralized and decentralized control of heterogeneous robotic capabilities; interagent coordination for dynamic task execution, and schemes for coordinated behavior in the presence of an active adversary.

A.1.10 Urban Warfare Technology

IXO is interested in novel applications of C4ISR technology in an urban context for peacekeeping, unconventional combat and conventional combat. New concepts are sought to support precision location, tracking and identification of threat, and friendly dismounts and vehicles throughout urban environments. IXO is interested in real-time characterization of complex urban terrain to support robotic maneuver, and in precise geolocation of enemy threats, and command control and communications nodes in complex urban battlespaces.

A.2 PROGRAM SCOPE

Up to \$15.0M may be available in FY 2004 for initial efforts. Multiple awards are anticipated during FY 2004. The amount of funds, if any, for efforts beyond FY 2004 has not been decided. Successful efforts during the initial funding period will increase the likelihood that IXO will make funds available after FY 2004. For Government programmatic flexibility, all proposers should segment their cost proposals as follows: an initial 12-month effort followed by one or more optional efforts. The total effort including options should not exceed 4 years.



B PROPOSAL MANAGEMENT

B.1 GENERAL INFORMATION:

B.1.1 Definition of BAA

The information provided in this Proposer Information Pamphlet (PIP), in addition to that provided in the FedBizOps BAA 04-17, constitutes a Broad Agency Announcement as contemplated in the FAR 6.102 (d)(2)(i). The FedBizOps announcement and this document are available online at <http://www.darpa.mil/ixo/solicitations/IXO/index.htm>.

B.1.2 BAA correspondence

DARPA will use electronic mail for all technical and administrative correspondence regarding this BAA. Administrative, technical or contractual questions should be sent via e-mail to BAA04-17@darpa.mil. If e-mail is not available, please fax questions to (703) 465-1065 (Attention: BAA 04-17). All requests must include the name, address, and phone number of a point of contact. Technical and contractual questions should include the originator's full name, email, and postal address in the text.

B.1.3 Frequently asked questions

All questions and answers of relevance to the community will be posted to a "Frequently Asked Questions (FAQ)" accessible at: <http://www.darpa.mil/ixo/solicitations/IXO/index.htm>.

B.1.4 Multiple abstracts/proposals

Proposers responding to multiple areas of this BAA should submit one complete abstract and/or proposal per topic. Each proposed effort should stand alone, and not be predicated on the award of any other effort. No technical contributor can be proposed in more than one response.

B.1.5 Contract types

Awards are anticipated to be in the form of Procurement Contracts or Other Transactions. Grants or Cooperative Agreements are also possible.

B.2 PERIOD OF SOLICITATION AND INITIAL SUBMISSION SCHEDULE:

This BAA will remain open from 8 March 2004 through 8 March 2006. Throughout this period, DARPA will receive and review abstracts and/or proposal on a continuous basis and proposers are encouraged to submit innovative abstracts and/or proposals at any time during this period.

For planning purposes DARPA has developed a timetable for the receipt and evaluation of the first set of submissions against this BAA. This schedule is listed as Table 1. Funding has been identified for a series of awards against this initial set of proposals, if received in accordance with this timeline. Proposals received outside this timeline, during the remainder of this BAA's period, will be evaluated and considered for award but any further awards are subject to the availability of appropriate funds.



DATE	EVENT	URL
8 March 2004	FedBizOpps Announcement and Proposer Information Package published	http://www.darpa.mil/ixo/solicitations/ixo/index.htm
2 April 2004	Abstract registrations due at DARPA	http://www.tfims.darpa.mil/baa
9 April 2004 1200pm EST	Abstracts due at DARPA	http://www.tfims.darpa.mil/baa
7 May 2004	Estimated Abstract decision	
11 June 2004	Proposal registrations due at DARPA	http://www.tfims.darpa.mil/baa
18 June 2004 1200pm EST	Proposals due at DARPA	http://www.tfims.darpa.mil/baa
16 July 2004	Estimated Proposal decision	

Table 1. Schedule for Submission and Review of Initial Abstracts and Proposals

B.3 SUBMISSION GUIDELINES

Proposal abstracts ARE recommended in advance of full proposals. In order to minimize unnecessary effort in proposal preparation and review, proposers are strongly encouraged to submit abstracts in advance of full proposals. DARPA will employ an electronic upload process for abstract/proposal submissions for BAA 04-17. Performers may find guidance for abstract/proposal submission at:
<http://www.darpa.mil/ixo/solicitations/IXO/index.htm>.

Organizations planning to submit abstracts/proposals must register at <http://www.tfims.darpa.mil/baa>. Only the lead or prime organization should register. One registration per abstract/proposal should be submitted. This means that an organization wishing to submit to multiple technical topic areas should complete a single registration for each proposal. See table above for registration deadlines. By registering, the Proposer has made no commitment to submit.

B.4 TFIMS REPORTING REQUIREMENTS

The T-FIMS interactive reporting system facilitates technical and expenditure reporting on line. Information on this system may be found at <http://www.tfims.darpa.mil/>. Proposers shall satisfy the T-FIMS reporting requirements presented at http://www.tfims.darpa.mil/T-fims_req.doc/ as part of their proposed deliverables.

B.5 SECURITY

The Government anticipates that proposals submitted under this BAA will be unclassified. In the event that a proposer chooses to submit a classified proposal or submit any documentation that may be classified, the following information is applicable.

Security classification guidance on DD Form 254 will not be provided at this time since DARPA is soliciting ideas only. After reviewing the incoming proposals, if a determination is made that the award instrument may result in access to classified information, a DD Form 254 will be issued and attached as part of the award. Proposers choosing to submit a classified proposal



must first receive permission from the Original Classification Authority to use their information in replying to this BAA. Applicable classification guide(s) should be submitted to ensure that the proposal is protected appropriately.

Proposers that intend to include classified information or data as part of their proposals shall, in advance of providing their proposals to IXO, contact the Technical POC for this BAA for additional guidance.

B.6 ORGANIZATIONAL CONFLICTS OF INTEREST

"Certain post-employment restrictions on former federal officers and employees may exist, including special Government employees (Section 207 of Title 18, United States Code). If a prospective proposer believes that such a conflict of interest exists, the situation should be raised to the DARPA Contracting Officer specified in the BAA before time and effort are expended in preparing a proposal. Additionally, proposers and proposed sub-contractors must affirm whether they are providing scientific, engineering, and technical assistance (SETA) or similar support to any DARPA technical offices(s) through an active contract or subcontract. All affirmations must state which office(s) the proposer supports and identify the prime contract number(s). Affirmations shall be furnished at the time of proposal submission (F.1.3). All facts relevant to the existence or potential existence of organizational conflicts of interest (FAR 9.5) must be disclosed. The disclosure shall include a description of the action the proposer has taken or proposes to take to avoid, neutralize, or mitigate such conflict."



C ABSTRACT/PROPOSAL EVALUATION

C.1 GENERAL CONSIDERATIONS

Proposers are encouraged to submit concise, but descriptive, proposals. The Government reserves the right to select for award all, some, or none of each of the proposals received in response to BAA04-17 and to award without discussions. All responsible sources capable of satisfying the Government's needs may submit a proposal. Small Disadvantaged Businesses and Historically Black Colleges and Universities (HBCUs)/Minority Institutions (MIs) are encouraged to submit proposals and join others in submitting proposals; however, no portion of this BAA will be set aside for HBCU and MI participation due to the impracticality of reserving discrete or severable areas of technology for exclusive competition among these entities.

It is the policy of DARPA to treat all abstracts/proposals as competitive information and to disclose the contents only for the purposes of evaluation. The Government may use selected support contractor personnel to assist in administrative functions only. For this solicitation, non-Government advisors from SET Associates Corporation, McNeil Technologies, Inc., Schafer Corporation, and CACI International, who have signed appropriate non-disclosure and conflict of interest statements, may assist in the proposal administration when their assistance is required. However, they will not participate in the final source selection process.

Proposers are advised that only contracting officers are legally authorized to contractually bind or otherwise commit the Government.

C.2 CRITERIA FOR AWARDS

The selection of one or more sources for awards will be based on an evaluation of a Proposer's response (both technical and cost aspects) to determine the overall merit of the submission in response to the announcement. Abstracts and proposals shall be evaluated against the following criteria in descending order of importance:

- Overall scientific and technical merit
- Potential contribution and relevance to IXO mission
- Potential transformative impact on military operations
- Proposer's capabilities and related experience
- Project and technology transfer plans
- Cost realism and value of proposed work to the Government



D ABSTRACT CONTENT

D.1 GENERAL INFORMATION

In order to minimize unnecessary effort in proposal preparation and review, proposers are strongly encouraged to submit abstracts in advance of full proposals.

SECTION	PAGE LIMIT	TOPICS
Cover page	1	Offeror identification
Volume (I) Technical Summary	6	Summary of Technical Volume
Volume (II) Cost Summary	1	Summary of Cost Volume

Table 2. Summary of required abstract contents.

Abstracts shall describe the problem(s) that will be solved, any existing evidence that the proposed solution(s) will be successful, and the relative impact of such a solution(s), should it or they prove successful. Abstracts must address the military context for the offered system, subsystem, or technology and must identify the transformative impact of a successful technological development upon appropriate military concepts of operation. Abstracts shall contain the following parts: Volume I Cover Sheet of the proposer's planned proposal, a Volume 1 technical summary, 6 pages maximum, of the proposer's planned proposal; and Volume II cost summary, a one page summary of the proposer's planned proposal.

Abstracts will be submitted via <http://www.tfims.darpa.mil/baa> IXO will attempt to respond to each abstract within thirty (30) days after its receipt with a recommendation to proposers either encouraging or discouraging submission of full proposals. Regardless of the IXO recommendation based on its review of the abstract, a proposer may submit a proposal and that proposal will be reviewed and evaluated.

D.2 ABSTRACT FORMAT

All pages shall be printed on 8-1/2 by 11 inch paper; type not smaller than 12 point. The page limitations for abstracts include all figures, tables, and charts. No formal transmittal letter is required. Abstracts should contain neither proprietary nor classified information or data. All submissions must be in English.



E PROPOSAL CONTENT

E.1 GENERAL INFORMATION

Technical and cost proposals must be submitted as separate volumes (Volume I Technical, Volume II Cost), and must be valid for 180 days.

All eligible sources may submit a proposal that shall be considered against the criteria set forth in Section C. Proposals with fewer than the maximum number of pages will not be penalized. Proposals exceeding the page limit will not be reviewed beyond the maximum page limit. Non-cost information incorporated into the unrestricted size Volume II cost proposal will not be considered. Proposers are encouraged to submit concise, but descriptive, proposals.

Proposal questions should be handled according to the process described in Section B. Proposers are advised that only contracting officers are legally authorized to contractually bind or otherwise commit the Government.

Proposers should apply the restrictive notice prescribed in the provision at FAR 52.215-12, Restriction on Disclosure and Use of Data, to trade secrets or privileged commercial and financial information contained in their proposals.

E.2 PROPOSAL FORMAT

All pages shall be printed on 8-1/2 by 11 inch paper with type not smaller than 12 point. The maximum total length of Volume I, Sections I and II is forty (40) pages including all figures, tables, and charts. There is no page limitation applicable to Volume II. All submissions must be in English. A proposer may submit more than one proposal. Information or data contained in a proposal, deemed proprietary by the proposer, should be clearly marked.



F TECHNICAL PROPOSAL

SECTION	PAGE LIMIT	TOPICS
Volume I		Section I: Summary of Proposal
		Section II: Detailed Proposal Information <ul style="list-style-type: none"> ▪ A description of the intended results ▪ A detailed description of the technical issues ▪ Any innovative claims ▪ A Statement of Work (SOW) ▪ A schedule of the estimated cost ▪ A description of the proposed approach to management ▪ A description of the experience and capabilities ▪ A list of the deliverables ▪ A description of plans and capabilities
		Section III: <ul style="list-style-type: none"> ▪ COI ▪ Bibliography/Research Notes
	40	Combined page limit for Sections I and II

Table 3. Summary of required technical proposal contents.

F.1 VOLUME I: SHALL CONSIST OF THREE SECTIONS

F.1.1 Section I -- Summary of Proposal

This section shall provide a summary of Section II (Table 3).

F.1.2 Section II -- Detailed Proposal Information

This section shall provide a detailed discussion of the proposed work to enable an in-depth review of all technical and management issues. This section shall address the risks, approach, and payoffs of the proposed research. Efforts under the second phase of this program must be identified as options. In the manner of the proposer's choosing, this section should provide:

1. A description of the intended results of the proposed work for each phase or option of the effort and the expected benefits compared to the current state-of-the-art and alternative approaches.
2. A detailed description of the technical issues, the proposed approach, its basis, and a comparison with other ongoing research showing both the advantages and disadvantages.
3. Innovative claims for the proposed research including all proprietary claims to results, prototypes, intellectual property, or systems supporting and/or necessary for



the use of the research, results, and/or prototype. If there are no proprietary claims, this should be stated.

4. A Statement of Work (SOW) for each phase or option that describes the scope of the effort, the specific tasks to be performed, the milestones, and the schedule for the effort.
5. A schedule of the estimated cost for each major task in each phase or option of the effort and a schedule of the proposed company cost share (See Table 4 and Table 5).

COST ELEMENT	GFY 04	GFY 05	GFY 06	GFY 07	GFY 08
Technical labor ¹	\$x,xxx,xxx	\$x,xxx,xxx	\$x,xxx,xxx	\$x,xxx,xxx	\$x,xxx,xxx
Administrative labor ²	\$x,xxx,xxx	\$x,xxx,xxx	\$x,xxx,xxx	\$x,xxx,xxx	\$x,xxx,xxx
Other direct charges	\$x,xxx,xxx	\$x,xxx,xxx	\$x,xxx,xxx	\$x,xxx,xxx	\$x,xxx,xxx
Indirect charges	\$x,xxx,xxx	\$x,xxx,xxx	\$x,xxx,xxx	\$x,xxx,xxx	\$x,xxx,xxx
Fee	\$x,xxx,xxx	\$x,xxx,xxx	\$x,xxx,xxx	\$x,xxx,xxx	\$x,xxx,xxx
Total	\$x,xxx,xxx	\$x,xxx,xxx	\$x,xxx,xxx	\$x,xxx,xxx	\$x,xxx,xxx

Table 4. Summary of funding request by cost element.

ORGANIZATION	GFY 04	GFY 05	GFY 06	GFY 07	GFY 08
Prime	\$x,xxx,xxx	\$x,xxx,xxx	\$x,xxx,xxx	\$x,xxx,xxx	\$x,xxx,xxx
Subcontractor A	\$x,xxx,xxx	\$x,xxx,xxx	\$x,xxx,xxx	\$x,xxx,xxx	\$x,xxx,xxx
Subcontractor B	\$x,xxx,xxx	\$x,xxx,xxx	\$x,xxx,xxx	\$x,xxx,xxx	\$x,xxx,xxx
Subcontractor C	\$x,xxx,xxx	\$x,xxx,xxx	\$x,xxx,xxx	\$x,xxx,xxx	\$x,xxx,xxx
Total	\$x,xxx,xxx	\$x,xxx,xxx	\$x,xxx,xxx	\$x,xxx,xxx	\$x,xxx,xxx

Table 5. Summary of funding request by performing organization.

6. A description of the proposed approach to management of the project including an organization chart showing reporting relationships, statements of the responsibilities of the team members, and the teaming strategy.
7. A description of the experience and capabilities of the proposer, each team member, and key personnel; a description of their capability to carry out further development and production; and a description of the facilities and equipment that would be used for the proposed effort.
8. A list of the deliverables associated with the proposed research.
9. A description of plans and capabilities to accomplish technology transition.

¹ Technical labor includes designers, software engineers, analysts, and other staff with degrees in science or engineering who contribute directly to the technical objectives of the program.

² Administrative labor includes contractual, financial, secretarial, and other staff with non-technical degrees who support the technical staff.



F.1.3 Section III – Conflict of Interest

This section should contain all affirmations relative to DARPA's Organizational Conflict of Interest requirements.

In addition, this section may provide a bibliography of relevant technical papers and research notes (published and unpublished) that document the technical ideas upon which the proposal is based. This section may also include such papers, however, DARPA is under no obligation to review and evaluate the papers.



G COST PROPOSAL

G.1 VOLUME II: SHALL CONSIST OF A COVER SHEET AND TWO SECTIONS

There is no page limit for the cost proposal.

The government is currently in ongoing discussions with one or more federal agencies to possibly provide experimentation support in the form of facilities, equipment, subject matter experts, experiment and simulation operations, experiment design and control, experiment data collection and analysis, and simulation modification. For proposals in the area of Experimentation and Integration, please provide cost options with and without government support. For example, provide facility costs for experimentation at a contractor facility versus a government facility; provide computer workstations costs (hardware, software, and sys admin support) for experimentation at a contractor facility versus a government facility; etc. Please cost out as many options as possible and do the cost analysis for each year, since government support may vary by year.

G.1.1 Cover Sheet

- Name and address of Proposer (include zip code);
- Name, title, and telephone number of Proposer's point of contact;
- Award instrument requested: cost-plus-fixed-fee (CPFF), cost-contract--no fee, cost sharing contract--no fee, or other type of procurement contract (specify), grant, agreement, or other award instrument;
- Place(s) and period(s) of performance;
- Funds requested from DARPA for the Base Effort, each option and the total proposed cost; and the amount of cost share (if any);
- Name, mailing address, telephone number and Point of Contact of the Proposers cognizant government administration office (i.e., Office of Naval Research (ONR) - if requesting a grant, or Defense Contract Management Agency (DCMA) - if requesting other than a grant) (if known);
- Name, mailing address, telephone number, and Point of Contact of the Proposer's cognizant government audit agency (i.e. Department of Health and Human Services (DHHS) - if requesting a grant, or Defense Contract Audit Agency (DCAA) - if requesting other than a grant) (if known);
- Any Forward Pricing Rate Agreement, other such Approved Rate Information, or such other documentation that may assist in expediting negotiations (if available);
- Contractor and Government Entity (CAGE) Code,
- Dun and Bradstreet (DUN) Number;
- North American Industrial Classification System (NAICS) Number [NOTE: This was formerly the Standard Industrial Classification (SIC) Number]; and,
- Taxpayer Identification Number (TIN).
- All subcontractor proposal backup documentation to include items a. through l. above, as is applicable and available).



G.1.2 Section I -- Detailed Cost Breakdown

The detailed cost breakdown is to include:

- Total program cost broken down by months within a government fiscal year (GFY) [Note: Government Fiscal Year runs from October 1st to September 30th] and Base and Options; further broken down by major cost items (direct labor by category, subcontracts, materials, travel, other direct costs, overhead charges, etc.). See Table 6 below for an example format;
- Costs of major program tasks by year and month; (See example)
- An itemization of major options (labor by category, travel, materials and other direct costs) and equipment purchases by year and month;
- An itemization of major subcontracts (labor by category, travel, materials and other direct costs) and equipment purchases;
- A summary of projected funding requirements by month (see Table 7); and
- The source, nature, and amount of any industry cost sharing, if applicable. Where the effort consists of multiple phases that could reasonably be partitioned for purposes of funding, these should be identified as options with separate cost estimates for each.

G.1.3 Section II -- Supporting Cost and Pricing Information

Provide supporting information in sufficient detail to substantiate the cost estimates above. Include a description of the method used to estimate costs and supporting documentation. Provide the basis of estimate for all proposed labor rates, indirect costs, overhead costs, other direct costs and materials, as applicable.

BASE	GFY xx												GFY yy												
	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	TOTAL	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Direct Labor - Dollars																									
Direct Labor - Hours																									
Travel																									
Equipment																									
Subcontractors																									
Other ODCs																									
Overhead																									
G&A																									
Fee/Profit																									
Total																									

Table 6. Example Detailed Cost Format

BASE	GFY 04												GFY 05												
	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	TOTAL	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
OPTION 1																									
OPTION 2																									
Total																									

Table 7. Example Cost Summary Format



G.1.4 Intellectual Properties:

Noncommercial Items: (Technical Data and Computer Software)

Proposers responding to this BAA shall identify all noncommercial technical data, and noncommercial computer software that it plans to generate, develop, and/or deliver under any proposed award instrument in which the Government will acquire less than unlimited rights, and to assert specific restrictions on those deliverables. Proposers shall follow the format under DFARS 252.227-7017 for this stated purpose. In the event that proposers do not submit the list, the Government will assume that it automatically has “government purposes rights” for a period of five (5) years from the date of award, to all noncommercial technical data and noncommercial computer software generated, developed, and/or delivered under any award instrument, unless otherwise agreed to by the parties. Additionally it is understood that such rights will convert automatically to “unlimited rights” after such five (5) year period, notwithstanding any period of performance extensions that may result after the award instrument is executed, unless otherwise agreed to by the parties. The Government may use the list during the source selection evaluation process to evaluate the impact of any identified restrictions, and may request additional information from the proposer, as may be necessary, to evaluate the proposer’s assertions. If no restrictions are intended, then the proposer should state “NONE.”

A sample list for complying with this request follows:

NONCOMMERCIAL			
Technical Data Computer Software to be Furnished with Restrictions	Basis for Assertion	Asserted Rights Category	Name of Person Asserting Restrictions
(LIST)	(LIST)	(LIST)	(LIST)

Commercial Items: (Technical Data and Computer Software)

Proposers responding to this BAA shall identify all commercial technical data, and commercial computer software that may be embedded in any noncommercial deliverables contemplated under the research effort, along with any applicable restrictions on the Government’s use of such commercial technical data and/or commercial computer software. In the event that proposers do not submit the list, the Government will assume that there are no restrictions on the Government’s use of such commercial items. The Government may use the list during the source selection evaluation process to evaluate the impact of any identified restrictions, and may request additional information from the proposer, as may be necessary, to evaluate the proposer’s assertions. If no restrictions are intended, then the proposer should state “NONE.”

A sample list for complying with this request follows:

COMMERCIAL			
Technical Data Computer Software to be Furnished with Restrictions	Basis for Assertion	Asserted Rights Category	Name of Person Asserting Restrictions
(LIST)	(LIST)	(LIST)	(LIST)



H SUBCONTRACTING

Pursuant to Section 8(d) of the Small Business Act (15 U.S.C. 637(d)), it is the policy of the Government to enable small business and small disadvantaged business concerns to be considered fairly as subcontractors to contractors performing work or rendering services as prime contractors or subcontractors under Government contracts, and to assure that prime contractors and subcontractors carry out this policy. Each proposer who submits a contract proposal and includes subcontractors is required to submit a subcontracting plan IAW FAR 19.702(a) (1) and (2) should do so with the submitted proposal. The plan format is outlined in FAR 19.704.