



**GRYPHON
SCIENTIFIC**

**GENERAL SERVICES
ADMINISTRATION**

FEDERAL SUPPLY SERVICE

**AUTHORIZED FEDERAL
SUPPLY SCHEDULE PRICE
LIST**

**SCHEDULE: 84 — TOTAL SOLUTIONS
FOR LAW ENFORCEMENT,
SECURITY, FACILITIES
MANAGEMENT, FIRE, RESCUE,
CLOTHING, MARINE CRAFT AND
EMERGENCY/DISASTER RESPONSE**

GSA CONTRACT GS-07F-0395U

JUNE 5, 2008 — JUNE 4, 2013

BUSINESS SIZE: SMALL

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(603) 672-4347
WWW.GRYPHONSCIENTIFIC.COM**

On-line access to contract ordering information, terms, and conditions, up-to-date pricing, and the option to create an electronic delivery order are available through GSA Advantage!, a menu-driven database system. The INTERNET address GSA Advantage! is: GSAAvantage.gov.

For more information on ordering from Federal Supply Schedules click on the FSS Schedule button at fss.gsa.gov.

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CUSTOMER INFORMATION

1a. **Special Item Number:** 246 52, Professional Security and Facility Management Services

1b. **Price List**

Labor Category	Government Price
Senior Advisor II	144.11
Senior Advisor I	115.29
Principal II	174.97
Principal I	154.65
Associate / Scientist II	117.51
Associate / Scientist I	105.99
Sr Analyst II	98.72
Sr Analyst I	81.23
Jr Manager	58.57
Analyst I	62.57
Analyst Jr II	57.97
Analyst Jr I	50.93
Sr Research Assistant I	44.20
Research Assistant	41.65
Business Manager	71.78
Contract Administrator III	57.85
Contract Administrator I	36.47

1c. Labor Category Descriptions

Job Categories & Descriptions		
Title	Job Description / Work to be Performed	Education/Experience Required
Senior Advisor II	<ul style="list-style-type: none"> • Provides high-level and strategic advice and guidance to improve project deliverables • Provides an entree into the stakeholder community for project staff • Holds a comprehensive understanding of the state of the art in their field of expertise and uses this knowledge to ensure that deliverables are consistent with the current thinking in the field. • Exemplary record of publication and presentation at conferences and in peer reviewed journals. Represents the organization’s technical work to clients, peers, and the academic community. • Has a national reputation as a thought leader in his or her field of expertise as evidenced by participation on grant review and conference panels, keynote speeches, and inclusion in national policy discussions. Mastery of several technical skill areas. 	Must have an MD or Ph.D and at least 16 years of experience, or a Masters plus 19 years experience, or an undergraduate and 22 years experience in the field. Most importantly, must be recognized as a subject matter expert in his or her fields of expertise.
Senior Advisor I	<ul style="list-style-type: none"> • Provides high-level and strategic advice and guidance to improve project deliverables • Provides an entree into the stakeholder community for project staff • Holds a comprehensive understanding of the state of the art in their field of expertise and uses this knowledge to ensure that deliverables are consistent with the current thinking in the field. • Frequently called upon to speak at conferences and events in his or her field of expertise and develops derivative publications based on Gryphon’s work. Represents the company to all clients in his or her practice area. • Has a reputation across the federal government for subject matter expertise in one or more fields. 	Must have a Ph.D. and at least 14 years of experience, or a Masters plus 17 years experience, or an undergraduate and 20 years experience in the field. Has a developing reputation for subject matter expertise and proven business development skills.
Principal II	<ul style="list-style-type: none"> • Supervises a sizeable practice area or multiple projects and serves as Project Director or Principal Investigator on large or multiple small projects of strategic importance to the company. Involved in selected aspects of Company management, depending on expertise. • Identifies, recruits, mentors, and supervises staff at any level in the organization, including Principal I, and focuses on developing leadership skills. • Responsible for developing an emerging practice area new projects in their areas of expertise. Develops project concepts for proactive business development and serves as lead author or contributor in responding to solicitations. Provides business development mentoring to other staff. • Strong record of independent publication and/or presentation. Communication skills—both written and oral—serve as a model for other staff. Coaches staff who need to develop skill in presenting work at conferences and in peer reviewed publications. Both develops and manages client relations. • Recognized among our client agencies for subject matter expertise in areas relevant to the company’s life science and emergency preparedness work. Serves as a knowledge resource for internal staff and is viewed by sponsors as a credible principal investigator and policy advisor. Is highly proficient in several relevant technical areas. 	Must have Ph.D. and at least 12 years’ experience, or a Masters plus 15 years experience, or an undergraduate and 18 years experience in the field. Should have experience developing government or private-sector business by building and maintaining client relationships and providing oversight for a portfolio of projects or practice area. Must have excellent writing and personnel management skills and proven leadership abilities.

Job Categories & Descriptions

Title	Job Description / Work to be Performed	Education/Experience Required
Principal I	<ul style="list-style-type: none">• Serves as Project Director or Principal Investigator on large or multiple small projects of strategic importance to the company. Participates in overall management of the company with a focus on reviewing the projects of other investigators.• Identifies, recruits, mentors, and supervises staff within his or her practice area.• Principally responsible for developing new projects in their areas of expertise and supporting others' sales achievements. Able to be bid and serve at senior leadership levels on projects.• Publishes and presents our work to clients and conference audiences. Able to convey complex technical concepts in language easily understood by non-scientists. Both develops and manages client relations.• Recognized by clients for subject matter expertise in one or more relevant areas. Serves as a knowledge resource for internal staff and is viewed by sponsors as a credible principal investigator and policy advisor. Is highly proficient in at least one technical area of importance to the company's work.	Must have Ph.D. and at least 7 years' experience, or Masters plus 10 years experience, or undergraduate and 13 years experience. Should have experience developing government or private-sector business by building and maintaining client relationships and providing oversight for projects in his or her field of expertise. Must have excellent writing and personnel management skills and proven leadership abilities.
Associate / Scientist II	<ul style="list-style-type: none">• Begins to develop a practice area serving as the lead on selected projects and the reviewer on projects managed by others. Takes the lead in solving management issues across the company and developing administrative infrastructure.• Participates in the recruitment and development of subordinate staff. Supervises a team of regular, full-time employees, and serves as a role model and mentor for junior staff.• Conducts proactive client development and takes the lead in responding to solicitations. Takes responsibility for becoming self supporting by achieving sales of \$150K-\$200K and developing a unique practice area.• Writing and oral communications skills are exceptional. Serves as first author on project reports and publications in peer reviewed journals. Leads presentations and represents Gryphon in scientific meetings.• Increasingly recognized by clients and peers for his or her subject matter or technical expertise. External reputation develops with invitations to participate on review panels and technical working groups.	Graduate experience and at least 3 years of experience in the field. Provides technical leadership to a developing practice area and has proven managerial and entrepreneurial skills.

Job Categories & Descriptions		
Title	Job Description / Work to be Performed	Education/Experience Required
Associate / Scientist I	<ul style="list-style-type: none"> Leads task teams, serves as Project Director supervising other staff at all levels, or provides subject matter expertise on projects managed by others. Begins to participate in overall company management, working primarily on administrative issues. Supervises peers, Analysts, Project Assistants, and/or intern level staff. Identifies and recruits staff at these levels. A team of regular, full-time staff regularly report to the Associate or Scientist. Participates on proposal teams by providing management and technical support. Takes responsibility for achieving a personal sales goal by managing and writing proposals with minimal supervision. Strong writing and oral communications skills. Serves as co-author on project reports and publications in peer reviewed journals. Develops and delivers oral presentations during meetings, conference calls, and training events. Unsupervised, routine contact with clients. Has credibility as an emerging authority in a specific substantive or technical area. Works with advisors or collaborators in that area but begins to develop external reputation. 	Graduate experience and at least 2 years of experience in the field. Broad range of work skills and experiences. Excellent writing and oral communication skills. Knowledge of advanced techniques in his or her field of specialization, proven abilities to manage both staff and work products.
Senior Analyst II	<ul style="list-style-type: none"> Leads tasks teams with some direction of more senior staff. May manage an entire small project with a senior staff member serving as a mentor or advisor. Frequently functions independently on tasks in his or her area of responsibility Supervises peers, Analysts, Project Assistants, and/or intern level staff. Participates in hiring and recruitment of staff at these levels. Up to 5 regular, full-time staff may regularly report to the Senior Analyst II. Participates in business development by providing management support and independently developing proposal sections including technical, management, and business proposals. Actively attempts to generate an independent line of business by meeting with prospective funders and developing project ideas with guidance from more senior staff. May take the lead in writing proposals under the supervision of more senior staff. Able to represent the organization at meetings and conferences that require public speaking. Written products require no editorial supervision. May be a primary client contact as a project manager or task leader. 	Must have some graduate experience or at least 6 years of experience in the field. Must demonstrate significant management skill as well as technical proficiency and clear writing, oral communication, and organizational skills.

Job Categories & Descriptions		
Title	Job Description / Work to be Performed	Education/Experience Required
Senior Analyst I	<ul style="list-style-type: none"> Leads tasks teams under the direction of more senior staff. May manage an entire small project with a senior staff member serving as a mentor or advisor. Frequently functions independently on tasks in his or her area of responsibility Supervises peers, Analysts, Project Assistants, and/or intern level staff. Participates in hiring and recruitment of staff at these levels. Up to 3 regular, full-time staff may regularly report to the Senior Analyst. Participates in business development by providing management support and independently developing proposal sections including technical, management, and business proposals. May take the lead in writing proposals under the supervision of more senior staff. Able to represent the organization at meetings and conferences that require public speaking. Written products require no editorial supervision. Some client contact as a project manager or task leader. 	Must have some graduate experience or 4 years of experience in the field. Must demonstrate management skill as well as technical proficiency and clear writing, oral communication, and organizational skills.
Junior Manager	<ul style="list-style-type: none"> Performs all of the duties of a Junior Analyst plus additional duties as detailed below. Is fully responsible for the management of a critical, corporate level project. Is capable of managing both junior and senior staff on corporate level projects. Is responsible for the education and/or training of junior and senior employees on corporate level projects. May attend and serve as a Gryphon Scientific representative at corporate level meetings. 	Must have a BA or BS, or two years and six months of academic or work experience. Must have good writing and organizational skills, some analytic experience, and a proven ability to think creatively, work independently, and manage others.
Analyst I	<ul style="list-style-type: none"> Participates on project or administrative teams with minimal supervision by senior staff. May function independently on selected tasks. Is able to write business correspondence and project reports with minimal editorial supervision. Conducts background research, assembles data, and performs analytic tasks. Participates in recruiting and hiring intern staff and may supervise Research Assistants. Participates in business development by compiling data, writing small proposals with minimal senior staff supervision, and assembling the final documents. May represent the organization at meetings and training events with coaching by senior staff and may work directly with clients on selected tasks. Continues to develop interests and skills in particular technical or content areas and demonstrates familiarity with issues relevant to Gryphon's life science and emergency preparedness work. 	Must have a BS or BA, some graduate education or at least three years' experience. Must also have good writing skills and proven ability to think creatively and operate with reasonable independence on assigned tasks. Must be well organized and able to supervise project assistants.

Job Categories & Descriptions		
Title	Job Description / Work to be Performed	Education/Experience Required
Junior Analyst II	<ul style="list-style-type: none"> • Takes on more and more independent assignments. Writes project reports with moderate supervision. Conducts background research and prepares analytic reports for review by senior staff. • May participate in recruiting/interviewing research assistants and interns. • Participates in business development by compiling data, developing literature reviews, and writing both analytic and management sections with moderate supervision by senior staff. • May attend meetings with more senior staff; routinely writes progress reports and sections of analytic reports but typically has no independent client contact. • Begins to develop knowledge in fields of interest to Gryphon. Is able to work on more complex analytic problems. 	Must have a BA or BS, or two and a half years of academic or work experience. Must have good writing skills, some analytic experience, and a proven ability to think creatively and work independently.
Junior Analyst I	<ul style="list-style-type: none"> • Takes on more and more independent assignments. Writes project reports with moderate supervision. Conducts background research and prepares analytic reports for review by senior staff. • May participate in recruiting/interviewing and supervising research assistants and interns. • Participates in business development by compiling data, developing literature reviews, and writing both analytic and management sections with moderate supervision by senior staff. • May attend meetings with more senior staff; routinely writes progress reports and sections of analytic reports and may have limited, independent client contact. • Develops knowledge in fields of interest to Gryphon. Is able to work on more complex analytic problems. 	Must have a BA or BS, or two years of academic or work experience. Must have good writing skills, some analytic experience, and a proven ability to think creatively and work independently.
Senior Research Assistant I	<ul style="list-style-type: none"> • Begins to function more independently on project teams. With senior staff supervision, works on collecting and analyzing project data. • No staff supervision but may participate in the recruitment of RAs and the management of interns. • Participates in business development by compiling data, providing technical input, and writing selected proposal sections such as staff descriptions and capability statements. • No independent client contact but may attend meetings and conferences with more senior staff. Has demonstrated an ability to write under the supervision of more senior staff. • Typically has not developed a content area specialty; works at an entry level in many areas but has become known to other staff for his or her expertise in accomplishing selected management or analytic tasks. 	Must have an undergraduate degree and at least six months of work experience as a Gryphon RA. Must have knowledge of Microsoft Office suite of programs including Word, Powerpoint, and Excel. Should have some business or general writing skills and excellent communications and organizational abilities.

Job Categories & Descriptions		
Title	Job Description / Work to be Performed	Education/Experience Required
Research Assistant	<ul style="list-style-type: none"> • Participates on project administrative teams with regular supervision; typically does not function independently but supports the activities of more senior staff by gathering information and managing production tasks. • No staff supervision but may participate in the management of interns. • May participate in business development by compiling data and formatting documents, tracking deadlines and delivery schedules, and assembling materials. • No independent client contact but may attend meetings and conferences with more senior staff. Able to write but may require significant editorial supervision. • Typically has not developed a content area specialty; works at an entry level in many areas. 	Must have an undergraduate degree or some college preparation as well as specific training or internships related to job. Must have knowledge of Microsoft Office suite of programs including Word, Powerpoint, and Excel. Should have some business or general writing skills and excellent communications and organizational abilities.
Business Manager	<ul style="list-style-type: none"> • Provides administrative and financial management support to projects including tracking expenses, invoicing, and monitoring schedules, deliverables and milestones. • Serves as contracting officer for consultants and subcontractors by preparing contracts as well as teaming and non-disclosure agreements, and processing invoices and managing payments. 	Must have Associates Degree and at least 10 years of administrative support experience. Must be an expert in Microsoft Office programs, Quickbooks Pro and possess strong financial management skills.
Contract Administrator III	<ul style="list-style-type: none"> • Provides administrative support to Project Directors, Principal Investigators and other senior company personnel by formatting documents, preparing and editing presentations, charts and graphics, composing letters, making travel arrangements, scheduling meetings, and performing other administrative support functions as requested with little supervision. • Provides administrative and financial support to projects including creating/managing project budgets, preparing contract monthly financial reports, and monitoring schedules, deliverables, and milestones. • Provides logistical support for meetings and conferences. 	Must have Associates degree and four years of experience or specific training related to job, as well as experience with government contracts. Must have excel in Microsoft Office suite of programs including Word, PowerPoint and Excel
Contract Administrator I	<ul style="list-style-type: none"> • Provides general administrative support to Project Directors, Principal Investigators, and other company personnel by formatting documents, scheduling meetings, and performing other general administrative support functions as requested. 	Must have high school degree and four years of experience or specific training related to job. Must have knowledge of Microsoft Office suite of programs including Word, PowerPoint and Excel

2. Maximum Order: \$200,000 per SIN/per order *

* If the best value selection places your order over the Maximum Order identified in this catalog/pricelist, you have an opportunity to obtain a better schedule contract price. Before placing your order, contact the aforementioned contactor for a better price. The contractor may (1) offer a new price for this requirement (2) offer the lowest price available under this contract or (3) decline the order. A delivery order that exceeds the maximum order may be placed under the schedule contract in accordance with FAR 8.404.

3. Minimum Order: \$100

4. Geographic Coverage (delivery area): Domestic

5. Point(s) of Production (city, county, and State or foreign country): N/A Services

6. Discount from List Prices or Statement of Net Price: Discounted GSA Pricing is Shown in item 1B and includes the current IFF rate

7. Quantity Discounts: None

8. Prompt Payment Terms: Net 30 days

9a. Notification that Government Purchase Cards are Accepted at or Below the Micro-Purchase Threshold: Will Accept

9b. Notification Whether Government Purchase Cards are Accepted or Not Accepted Above the Micro-purchase Threshold: Will Not Accept Larger Orders

10. Foreign Items (list items by country of origin): N/A

11. Time of Delivery (Contractor insert number of day): 30 DARO

11b. Expedited Delivery: Consult with Contractor

11c. Overnight and 2-day Delivery: Consult with Contractor

11d. Urgent Requirements: Consult with Contractor

13b. Ordering Procedures: Consult with Contractor

- 14. Payment Address:**
Gryphon Scientific
1 Halfyard Drive
Brookline NH 03033
- 15. Warranty Provision:** N/A
- 16. Export Packing Charges, if applicable:** N/A
- 17. Terms and Conditions of Government Purchase Card Acceptance (any thresholds above the micro-purchase level):** Will Accept
- 18. Terms and Conditions of Rental, Maintenance, and Repair (if applicable):** N/A
- 19. Terms and Conditions of Installation (if applicable):** N/A
- 20. Terms and Conditions of Repair Parts Indicating Date of Parts Price Lists and Any Discounts from List Prices (if applicable):** N/A
- 20a. Terms and Conditions for Any Other Services (if applicable):** N/A
- 21. List of Service and Distribution Points (if applicable):** N/A
- 22. List of Participating Dealers (if applicable):** N/A
- 23. Preventive Maintenance (if applicable):** N/A
- 24a. Special Attributes Such as Environmental Attributes (e.g., recycled content, energy efficiency, and/or reduced pollutants):** N/A
- 24b. If applicable, indicate that Section 508 compliance information is available on Electronic and Information Technology (EIT) supplies and services and show where full details can be found (e.g. contractor's website or other location.) The EIT standards can be found at: www.Section508.gov/:** N/A
- 25. Data Universal Number System (DUNS) Number:** 800210077
- 26. Notification Regarding Registration in Central Contractor Registration (CCR):**
Registration valid until 10/20/12. Cage Code 4RXB1.

CAPABILITIES AND EXPERIENCE

Gryphon Scientific is a woman-owned, small business driven by the mission to contribute to knowledge and practice in health and homeland security. Our goal is to help build a healthier, safer, more secure society.

Since its beginning, the majority of Gryphon Scientific's research has been related to WMD defense. Gryphon has performed technical studies in CBRNE defense for the Department of Homeland Security (including the Chemical and Biological Directorate, the Office of Emerging Threats, the Office of Comparative Studies and the Office of Policy), the Department of Health and Human Services, the Department of Defense, the Institute for Defense Analyses and MIT Lincoln Laboratory. Projects directly related to the development of collection guidance or technical reviews are described in the following section; projects related to other CBRNE research are described here.

For the Agency for Healthcare Research and Quality of the Department of Health and Human Services, Gryphon was part of a team that built a software-based tool that enables local emergency planners to estimate the medical resources needed to respond to incidents involving weapons of mass destruction. The tool calculates the medical needs required by any urban area in the US to respond to attacks with chemical weapons, toxic industrial chemicals, contagious and non-contagious biological agents, natural disease outbreaks, radiological dispersion devices, improvised nuclear devices, high-energy radioactive point sources and high explosives (covering the entire CBRNE spectrum). On this team, Gryphon Scientific provides one of the two principal investigators. Gryphon Scientific is providing leadership on the overall architecture of the tool and is charged with ensuring that the tool remains useful to end-users. Furthermore, the Gryphon team developed the model module that produces casualty estimates (including the time-dependent appearance of casualties) that would result from these attacks through the use of sophisticated dispersion, epidemiology and pathogenicity/ toxicity models. These models are based upon information drawn from the biomedical, biophysical and biochemical literature. Our staff determined which data sets were needed for the model, identified the needed data (for instance, on the efficacy of antibiotics after exposure to *B. anthracis* as a function of time) in the literature and analyzed the literature to abstract the needed data.

Gryphon Scientific was chosen by the Multi-State Partnership for Security in Agriculture (the Partnership, a consortium of agricultural and security stakeholders from 12 Midwestern states) to design a surveillance system to protect the food and agricultural sectors against natural and intentional disease outbreaks and contamination. In this project, our team researched and evaluated existing food security, animal health, and public health surveillance systems and then conducted interviews with stakeholders in each of the 12 Partnership states to identify priorities and needs relative to agriculture and food surveillance. To evaluate existing systems, Gryphon developed software-based models of incidents that compromise the safety of human food, animal feed, animal health, and plant health. These data were obtained through a review of the literature and through interviews with experts and stakeholders in the field. Deliverables consisted of three reports: Existing Health Surveillance Systems, Needs Assessment (which included a gap assessment), and Three System Suggestions. These reports are being used to guide the application of grant funds to protect food and agricultural systems in the Partnership states. In

our gap assessment, we concluded that all existing surveillance systems have serious shortcomings. Importantly, the project concluded with the design by our project team of three notional, cost-effective systems to meet the Partnership's needs and provide early warning for agriculture threats.

Gryphon Scientific was chosen by name to perform an end-to-end analysis of attacks with antibiotic resistant biological agents for the Department of Homeland Security. We are studying the possibility and feasibility of an attack with multiple-drug resistant (MDR) agents, including the efficacy of such agents compared to non-MDR agents, the production of such agents, possible signatures of MDR agent production, and control points to prevent proliferation. The study will include the public health impact, a plan for mitigation, and whether presentation of the possible illness is changed by infection with MDR agents. Of relevance to this sources sought announcement, the study will also include an evaluation of current technology options for testing antibiotic susceptibility, including those that evaluate environmental and medical samples, to identify promising lines of research that may lead to more rapid testing. The technology evaluation will include alternate countermeasures and their availability, personnel requirements, and trade-offs. The technology assessment will include a gap assessment and a description of approaches to fill these gaps. Finally, the study will include the systems distributing countermeasures when effective countermeasures are limited.

For the Institute for Defense Analyses, Gryphon Scientific reviewed and analyzed the medical and scientific literature on 15 bacteria, viruses and toxins. We performed meta-analysis on the existing data to predict the presence of these pathogens in various medical samples as a function of the time course of infection. This report was produced in support of the development of next-generation diagnostic devices. Relevant data was found in medical and veterinary case reports, epidemiological studies, and controlled animal model experiments. Various routes of administration of the pathogens were presented separately. Conflicting data was presented in our report with hypotheses as to the source of disagreement. Conflicts were sometimes due to various methods used to determine viral load in a sample that were not directly comparable (such as culturing versus RT-PCR); these types of conflicts were resolved by investigating relative sensitivity and precision. A focus of our report was an assessment of our knowledge gaps on the presence of these pathogens in medical samples. Where knowledge was lacking, Gryphon outlined research paths to fill these gaps.

Gryphon Scientific was chosen by the Department of Homeland Security to evaluate three candidate architectures for improved urban biodefense systems being developed by the national laboratories. The primary focus of this project is for Gryphon to evaluate the calculations and assumptions implicit in the proposed architectures and arrive at consensus system requirements. A secondary focus of the project is to provide technical support based on analysis of the biomedical literature. In one task, we investigated the literature on human pathogens infectious by inhalation to report on global distribution, animal reservoirs, means of isolation and culturing and stability in the environment. In another task, we investigated the literature on animal models of smallpox, including monkeypox and mousepox to determine which aspects of smallpox (such as the relationship between dose and incubation time, efficacy of prophylaxes as a function of incubation time, presentation as a function of dose) these models correctly mimic and which they do not.

Also for the Department of Homeland Security, Gryphon performed a red-team assessment to evaluate the ability of an adversary to circumvent our biological defenses and then recommend improvements to our defenses to defeat this evasion. Gryphon staff considered that an adversary could use logistical, biochemical and mundane (such as kidnapping key staff) means to defeat our defenses. To execute this project, Gryphon first used red-team analysis to analyze defense systems from a terrorist-point of view, then performed analysis using techniques from biochemistry, microbiology and molecular biology to determine the efficacy of scientific schemes to defeat detection systems. For instance, to evaluate the efficacy of microencapsulated base to interfere with the DNA isolation step used in the BioWatch system, Gryphon built a titration curve to understand exactly how much would need to be delivered to alter the pH of the system by a sufficient amount and then determined how difficult it would be to deliver that amount of material. Also, the team used modeling to estimate the detection efficiency of the system and the likelihood that an attack would go undetected given logistical, mundane or biochemical means of evasion.

For MIT Lincoln Laboratory, Gryphon performed three studies related to the collection and analysis of biological samples. In the first project, Gryphon reviewed and summarized the medical literature on the natural bacterial flora of humans. This review included guidance related to what bacteria someone is likely to find in various medical samples, and how these commensal bacteria are similar to threat agents (and therefore, may confound detection assays). In the second project, Gryphon reviewed and summarized the scientific literature on the normal bacteria and viruses found in the environment (including on farms, in various buildings and the rural and urban outdoor environment). This review included guidance related to the load of microbes in normal air and how these normal microbes are similar to threat agents (and may confound detection assays). In the third study, Gryphon reviewed and summarized the scientific literature on the decay of microbes in air and on surfaces. One of the main outcomes of this report, and of relevance to this sources sought notice, were estimates of the ability of various sampling methods to collect usable samples as a function of time after release (the stability of samples prior to collection).

For the FBI, our staff identified and evaluated kits usable by law enforcement personnel to analyze the threat posed by suspicious white powders that may be biological agents. In this project, we not only identified and evaluated the relevant technology (and performed field trials with the technology), but also interviewed local and federal law enforcement personnel to determine how they would use such technology and determine the burden of “white powder calls” on their personnel to determine the cost/benefit of employing such technology. To evaluate the kits themselves, we developed detailed testing protocols that were used by a subcontracting laboratory. Furthermore, we tested the kits that performed best in the laboratory in field experiments that we designed and performed.