

U.S. Department of Justice
Office of Justice Assistance, Research, and Statistics

CATEGORICAL GRANT PROGRESS REPORT
OJARS FORM 4587/1(REV.4-81)
Reporting Period: 6/1/95 - 9/30/97

ATTACHMENT 1

ITEM 12:

- I. The following is a summary statement of progress toward the achievement of aims originally stated in Grant #95-IJ-CX-0031(S-2), Part I, Item 2.0, Sub-paragraph 2.1:
 - A. Statement of Work-Support Services and Products (Attachment 1A)
 - B. The attached Table 1: List of Meetings (Attachment 1B) represents efforts and some of the means through which the above stated aims were achieved; Table 2: List of Deliverables (Attachment 1C) represents subsequent culminating reports.
- II. A matching of Meetings and Deliverables to the statement of aims listed in the above Statement of Work is provided for the benefit of the client (see Attachments 1B and 1C).
- III. Overview of PGI Support Services to NIJ/OS&T -- 6/1/95 - 9/30/97

ATTACHMENT 1A

(Excerpted from Grant #95-IJ-CX-0031(S-2), Part I

2.0 STATEMENT OF WORK

2.1 PROPOSED NEXT PHASE OF SUPPORT SERVICES

The Pymatuning Group, Inc. proposes to support NIJ/OS&T in this next phase of structuring, governing, and utilization of the NLECTCs and their embedding network to best support the law enforcement and corrections communities by:

- a. Detailing selected NLECTC Governance and Planning Modules for immediate implementation. These are:
 1. Planning Module #2: Technology Center Planning Elements
 2. Planning Module #3: Technology Center Governance Elements
 3. Planning Module #4: Technology Center Management Elements

- b. Providing an overall assessment of the most needed near-term law enforcement and corrections technology applications and determining their availability and status along with the funding needed for the selected high priority associated product/service development. This will include:
 1. Matching technologies to accepted requirements.
 2. Indicating their status in terms of the PGI product development process.
 3. Identifying responsible "agents" (companies, etc.) for product/service development and marketing.
 4. Establishing needs for standards, and safety and effectiveness assurance. The technologies themselves were identified and compiled in large measure by PGI. This is an oversight function and will rely on workshops with NLECTCs, industry, other grantees of NIJ/OS&T, and

5. industrial, government, and academic laboratories for the indicated assessment.
- c. Designing the framework for implementing safety and effectiveness of law enforcement and corrections equipment.

This effort will build upon a prior PGI task which culminated in the report titled "Effective and Safe Law Enforcement Equipment and Devices" which detailed a concept, policies and principals.

The framework design will be done via collaboration with the NIJ/OS&T LTL liability Task Group, NLECTC management, OLES, industrial companies with relevant experiences, DoD, regulatory agencies, etc. The effort will involve extensive dialogue with other groups such as these. It will recommend or provide options for NIJ/OS&T management processes and delegations of responsibility.

- d. Developing a case study for an on-going selected product implementation process to provide "lessons-learned" and to identify additional needed steps in delivering a safe, effective device.

This effort is a companion-piece aimed at real-time bench marking of a customized law enforcement commercialization process. It should also expedite the delivery of the selected device--the barrier strip. Commercialization in this instance denotes the delivery (or entry) of affordable products and services to the marketplace.

- e. Identifying financial instruments available to or needed by law enforcement and corrections "buyers": It will also attempt an assessment of the adequacy of commonly used funding sources by the law enforcement community.

This task will focus on current financial impediments to improved performance and modernization of law enforcement operations. It will suggest potential private and governmental financing mechanisms that could support near-term critical needs and allow for more stability in long-term planning.

- f. Identifying issues and concerns in a sufficiently timely manner to NIJ/OS&T so that they can be resolved with minimum negative impact.
- g. Working with Involved Persons from the Law Enforcement, Corrections, Standards, and Industry Communities to Develop a Working, 'Prototype' Product Implementation Process.

This effort will build on "lessons learned" from the Barrier Strip Case Study to develop a coordinated process for swiftly moving technology products and services into the hands of law enforcement and corrections users. The effort will involve setting up committees to work out marketplace and product/service requirements, test and evaluation programs, performance measurements, needed standards, potential liabilities, anticipated demand, and funding estimates. PGI will also identify a few selected state and/or regional development agencies that are able to facilitate product/service R&D funding and manufacturing.

h. Working with Other Industry Experts to Conduct a Comprehensive and Objective Law Enforcement/Corrections Community Technology Needs Assessment Methodology.

This effort is expected to yield a comprehensive technology needs assessment methodology and related knowledge base of the most important technology products and services currently needed within the nation's law enforcement and corrections communities. It is anticipated that the technology needs assessment methodology will target user groups from all elements of the law enforcement and corrections communities -- from peace officers to administrators to forensic/DNA scientists. Although the methodology will incorporate the needs of many different user groups, it is expected to focus on those technology needs expressed most often by users at the state and local level.

ATTACHMENT 1B

TABLE 1: LIST OF MEETINGS

Meetings with NIJ/OS&T representatives and associates were held on the following dates:

1. September 3, 1997: Meeting at Radisson, Mark Center
Attendees: Ruth Davis, Dr. Marge Leaming
Subject: NLECTC Improvements
Statement of Work Aims (Section 2.1) Addressed: a,b

2. September 4, 1997: Meeting at PGI
Attendees: Ruth Davis, Adm. Burkhalter, Jim Wise, Dan Hunt
Subject: Briefing by Ruth Davis on PGI's proposed LEC
Financing Initiative
Statement of Work Aims (Section 2.1) Addressed: e,g

3. September 25, 1997: Washington, DC
Attendees: Executive Council
Subject: Briefing on Less-Than-Lethal Technologies
Statement of Work Aims (Section 2.1) Addressed: b,g

ATTACHMENT 1C

TABLE 2: LIST OF DELIVERABLES

1. "A Financing Initiative for Technology-Based Products and Services for Law Enforcement and Corrections (LEC) Operational Use" August 1997

The purpose of this deliverable was to assist NIJ/OS&T in:

- Identifying needed and effective financial mechanisms for the more rapid deployment of technology-based products and services into LEC operational use
- Initiating a process aimed at establishing a responsive, prospering market in LEC technology products and services
- Assessing the adequacy of commonly used funding sources by the LEC community

Statement of Work Aims (Section 2.1) Addressed: e,g

III. Overview of PGI Support Services to NIJ/OS&T -- 6/1/95-9/30/97

Between June 1, 1995 and September 30, 1997 under grant #95-IJ-CX-0031, The Pymatuning Group, Inc. has provided management support to NIJ/OS&T as it undertook the structuring of technology-product and service acquisition by the law enforcement and corrections (LEC) communities. PGI's initial activities focused on providing guidance and configuration principles for developing an effective infrastructure for NIJ/OS&T's National Law Enforcement and Corrections Technology Center (NLECTC) network. PGI participated in a number of strategic planning meetings on the NLECTC network and provided guidance through deliverables such as its November 1995 release entitled: "NLECTCs: Guidelines for Accelerated Pragmatic Planning -- Planning Module 1: Policy Elements," and its June 1996 release entitled, "NLECTCs: Vision and Mission Statements." PGI's earlier efforts for NIJ/OS&T also dealt with other elements of the National LEC Technology Infrastructure, for example, PGI evaluated the activities of the Office of Law Enforcement Technology Commercialization (OLETC) after a Strategic Planning and Guidance Group (SPGG) visit in 1995. Besides providing guidelines on national LEC technology infrastructure and product commercialization, PGI has been involved with the specialized needs of law enforcement and corrections regarding Test and Evaluation, Standards, and Product Liability. PGI was instrumental in arranging resource-sharing partnerships between NIJ/OS&T and the Defense Advanced Research Project Agency (DARPA) as well as the Department of Energy (DoE). Also, PGI provided support in these areas with deliverables such as its September 1996 release entitled, "Office of Law Enforcement Standards (OLES): Vision and Mission Statements."

In the last supplement to the grant, PGI assisted NIJ/OS&T primarily with its standards and product implementation efforts on behalf of law enforcement and

corrections. Regarding standards, PGI helped NIJ/OS&T identify methodologies and mechanisms to better facilitate and coordinate LEC standards bodies across the country, and identify ways to increase its long-range planning for and support of technical, safety, legal liability, and training standards for LEC. In its December 1996 deliverable entitled, "The Potential for Expediting the NIJ/OS&T Product Implementation Process," PGI helped NIJ/OS&T identify steps that are customized to the LEC marketplaces and that should be incorporated to expedite the availability of technology products and services in the LEC marketplaces. While PGI remains involved in numerous areas of NIJ/OS&T administration, its effort is now focused on the implementation of a LEC Financing Initiative it proposed near the end of the grant in FY 1997. The Financing Initiative addresses current financial impediments to improved performance and modernization of LEC operations. The work of this Initiative and other projects such as, for example, the development of the technology expertise of the NLECTCs, is ongoing under NIJ grant #98-LB-VX-0001.