

SECRET



DEPARTMENT OF THE ARMY
US ARMY ELECTRONICS RESEARCH AND DEVELOPMENT COMMAND
US ARMY ELECTRONIC WARFARE LABORATORY
INTELLIGENCE MATERIEL DEVELOPMENT AND SUPPORT OFFICE
FORT GEORGE G. MEADE, MARYLAND 20755

DELEW-I-L

NOV 07 1983

SRI-International
333 Ravenswood Avenue
Menlo Park, California 94025

Gentlemen:

This Letter Order Number 18 constitutes a US Government contract for services listed in the enclosures below.

<u>Statement of Work</u>	<u>Cost</u>
ESU 83-134 (Enclosure 1)	\$119,998
ESU 83-144 (Enclosure 2)	174,945
ESU 83-145 (Enclosure 3)	69,997
ESU 83-147 (Enclosure 4)	64,990
ESU 83-148 (Enclosure 5)	<u>39,995</u>
TOTAL COST	\$469,925

These Statements of Work will be performed to the specifications and terms listed below:

Security Classification

Work performed will be protected under the US Army Special Access Program "CENTER LANE." A Security Classification Guide and Security Procedures Guide is included at Enclosure 6. All correspondence, documents, communications, or references will be executed within that classification.

The SRI-International Security Officer will furnish the Contracting Officer Technical Representative (COTR) a list of

CENTER LANE

WARNING NOTICE!

**SPECIAL ACCESS PROGRAM
RESTRICT DISSEMINATION TO THOSE
WITH VERIFIED ACCESS
CATEGORY 4**

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SRI-International personnel cleared for access to CENTER LANE information. Under no circumstances shall this list be changed without prior approval of the COTR.

Contracting Officer Technical Representative

Lieutenant Colonel Brian Buzby
SSPD, SSD, 902d MI Gp
ATTN: IAGPA-F-SD
Fort Meade, Maryland 20755
(301) 677-2656

Human Use

Participation in Project CENTER LANE has been designated as a "Human Use" activity by the governing agency. Acceptance of this Letter Order indicates SRI-International's intention to abide by all applicable requirements of Procedure 13, DoD Directive 5240.1-R (Dec 1982), and Code of Federal Regulations, Department of Health and Human Services, 45 CFR 46, (8 March 1983). Requirements concerning the use of human subjects are at enclosure 7.

Contract Price

The firm, fixed, best-effort price for this Letter Order is \$469,925.

Terms of Payment

Payment will be made in full to SRI-International, 333 Ravenswood Avenue, Menlo Park, California 94025, upon acceptance of this Letter Order.

Delivery Schedule

Delivery will be as specified in Statements of Work for training and within 12 months from acceptance of this Letter Order for research studies.

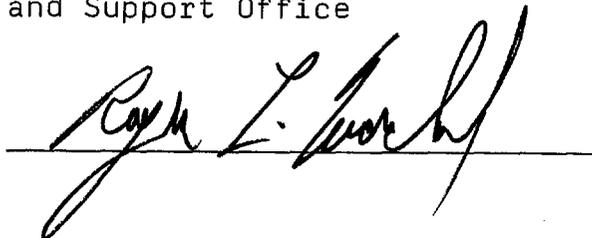
7 Inclosures
as stated



JAMES C. BROWNLOW
Department of the Army Civilian
Intelligence Material Development
and Support Office

Acceptance by SRI-International:

Dated: 11/15/83



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DEPARTMENT OF DEFENSE CONTRACT SECURITY CLASSIFICATION SPECIFICATION		1. THE REQUIREMENTS OF THE DOD INDUSTRIAL SECURITY MANUAL APPLY TO ALL SECURITY ASPECTS OF THIS EFFORT. THE FACILITY CLEARANCE REQUIRED IS: <u>SECRET</u>		
THIS SPECIFICATION IS FOR:		3. CONTRACT NUMBER OR OTHER IDENTIFICATION NUMBER (Prime contracts must be shown for all subcontracts)	4. DATE TO BE COMPLETED (Estimated)	5. THIS SPECIFICATION IS: (See "NOTE" below. If item b or c is "X'd", also enter date for item a)
<input checked="" type="checkbox"/> a. PRIME CONTRACT	a. PRIME CONTRACT NUMBER	a. 15 Jan 85	<input checked="" type="checkbox"/> ORIGINAL (Complete date in all cases)	DATE
<input type="checkbox"/> b. SUBCONTRACT (Use item 15 for subcontracting beyond second tier)	b. FIRST TIER SUBCONTRACT NO.	b.	<input type="checkbox"/> b. REVERSED (supersedes all previous specifications)	REVISION NO. DATE
<input type="checkbox"/> c. REQUEST FOR BID, REQUEST FOR PROPOSAL OR REQ FOR QUOTATION	c. IDENTIFICATION NUMBER	c. DUE DATE	c. FINAL	DATE

Is this a follow-on contract? Yes No. If YES, complete the following:

a. _____ b. _____ c. Accountability for classified material on preceding contract

PRECEDING CONTRACT NUMBER DATE COMPLETED

Is Is not, transferred to this follow-on contract.

Name, Address & Zip Code of Prime Contractor *	b. FSC Number	c. Name, Address & Zip Code of Cognizant Security Office
SRI International 333 Ravenswood Ave Menlo Park, CA 94025		Santa Clara Field Office, DIS Suite 300, 900 Lafayette St Santa Clara, CA 95050
Name, Address & Zip Code of First Tier Subcontractor *	b. FSC Number	c. Name, Address & Zip Code of Cognizant Security Office
N/A		
Name, Address & Zip Code of Second Tier Subcontractor, or facility associated with IFB, RFP OR RFQ *	b. FSC Number	c. Name, Address & Zip Code of Cognizant Security Office
N/A		

When actual performance is at a location other than that specified, identify such other location in Item 15.

a. General identification of the Procurement for which this specification applies	b. DoDAAD Number of Procuring Activity identified in Item 16d.
Intelligence Study/Analysis	

Are there additional security requirements established in accordance with paragraph 1-114 or 1-115, ISR? Yes No. If YES, identify the pertinent contractual documents in Item 15.

Are any elements of this contract outside the inspection responsibility of the cognizant security office? Yes No. If YES, explain in Item 15 and identify specific areas or elements.

ACCESS REQUIREMENTS	YES	NO	ACCESS REQUIREMENTS (Continued)	YES	NO
Access to Classified Information Only at other contractor/Government activities.	X		j. Access to SENSITIVE COMPARTMENTED INFORMATION.		X
Receipt of classified documents or other material for reference only (no generation).	X		k. Access to other Special Access Program information (Specify in Item 15).	X	
Receipt and generation of classified documents or other material.	X		l. Access to U. S. classified information outside the U. S., Panama Canal Zone, Puerto Rico, U. S. Possessions and Trust Territories.		X
Fabrication/Modification/Storage of classified hardware.		X	m. Defense Documentation Center or Defense Information Analysis Center Services may be requested.		X
Graphic arts services only.		X	n. Classified ADP processing will be involved.		X
Access to IPO information.		X	o. REMARKS:		
Access to RESTRICTED DATA.		X			
Access to classified COMSEC information.		X			
Cryptographic Access Authorization required.		X			

Refer all questions pertaining to contract security classification specification to the official named below (NORMALLY, thru ACO (item 16e); EMERGENCY, direct with written record of inquiry and response to ACO) (thru prime contractor for subcontracts).

The classification guidance contained in this specification and attachments referenced herein is complete and adequate.

Typed name, title and signature of program/project manager or other designated official	c. Activity name, address, Zip Code, telephone number and office symbol
 BRIAN BUZBY LTC, US Army	SSPD, SSD 902d MI GP Fort Meade, MD 20755

NOTE: Original Specification (Item 5a) is authority for contractors to mark classified information. Revised and Final Specifications (Items 5b and c) are authority for contractors to remark the regraded classified information. Such actions by contractors shall be taken in accordance with the provisions of the Industrial Security Manual.

13a. Information pertaining to classified contracts or projects, even though such information is considered unclassified, shall not be released for public dissemination except as provided by the Industrial Security Manual (paragraph 5a and Appendix IX).

b. Proposed public releases shall be submitted for approval prior to release Direct Through (Specify):

Public Release is Not authorized

to the Directorate For Freedom of Information and Security Review, Office of the Assistant Secretary of Defense (Public Affairs) * for review in accordance with paragraph 5a of the Industrial Security Manual.

*In the case of non-DoD User Agencies, see footnote, paragraph 5a, Industrial Security Manual.

14. Security Classification Specifications for this solicitation/contract are identified below ("X" applicable box(es) and supply attachments as required). Any narrative or classification guide(s) furnished shall be annotated or have information appended to clearly and precisely identify each element of information which requires a classification. When a classification guide is utilized, that portion of the guide(s) pertaining to the specific contractual effort may be extracted and furnished the contractor. When a total guide(s) is utilized, each individual portion of the guide(s) which pertains to the contractual effort shall be clearly identified in Item 14b. The following information must be provided for each item of classified information identified in an extract or guide:

(I) Category of classification. (II) Date or event for declassification or review for declassification, and (III) The date or event for downgrading (if applicable).

The official named in Item 12b, is responsible for furnishing the contractor copies of all guides and changes thereto that are made a part of this specification. Classified information may be attached or furnished under separate cover.

- a. A completed narrative is (1) attached, or (2) transmitted under separate cover and made a part of this specification.
- b. The following classification guide(s) is made a part of this specification and is (1) attached, or (2) transmitted under separate cover. (List guides under Item 15 or in an attachment by title, reference number and date).
- c. Service-type contract/subcontract. (Specify instructions in accordance with ISR/ISM, as appropriate.).
- d. "X" only if this is a final specification and Item 6 is a "NO" answer. In response to the contractor's request dated _____ retention of the identified classified material is authorized for a period of _____.
- e. Annual review of this DD Form 254 is required. If "X'd", provide date such review is due: _____.

15. Remarks (Whenever possible, illustrate proper classification, declassification, and if applicable, downgrading instructions).

- a. All contractor personnel to be granted access to classified information released or generated under this contract must be US citizens granted a final SECRET clearance by the government prior to being given access.
- b. Unclassified information released or generated under this contract shall be restricted in its dissemination to contractor and government personnel involved in the contract. Release in open source literature or exhibition of such information is prohibited.
- c. Recipients of information under this contract may not release information to subcontractors without permission of the contracting agency.
- d. Final classification of the information generated under this contract is the responsibility of the contracting agency. Information generated under this contract is subject to the guidelines contained in DoD Regulation 5200.1R, which implements EO 12356 which became effective 1 August 1982.
- e. All copies of final documents generated by the contractor under this contract will be transmitted to the Chief, SSPD, SSD, 902d MI Group, Ft Meade, MD 20755.
- f. Contractor authorized access to Special Access Program CENTER LANE information.

16a. Contract Security Classification Specifications for Subcontracts issuing from this contract will be approved by the Office named in Item 16e below, or by the prime contractor, as authorized. This Contract Security Classification Specification and attachments referenced herein are approved by the User Agency Contracting Officer or his Representative named in Item 16b below.

REQUIRED DISTRIBUTION:

- Prime Contractor (Item 7a)
 - Cognizant Security Office (Item 7c)
- Administrative Contracting Office (Item 16e)
 - Quality Assurance Representative
- Subcontractor (Item 8a)
 - Cognizant Security Office (Item 8c)
- Program/Project Manager (Item 12b)
 - U. S. Activity Responsible for Overseas Security Administration

ADDITIONAL DISTRIBUTION:

-
-
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b. Typed name and title of approving official

JAMES C. BROWNLOW, LOGISTICS MANAGER

c. Signature

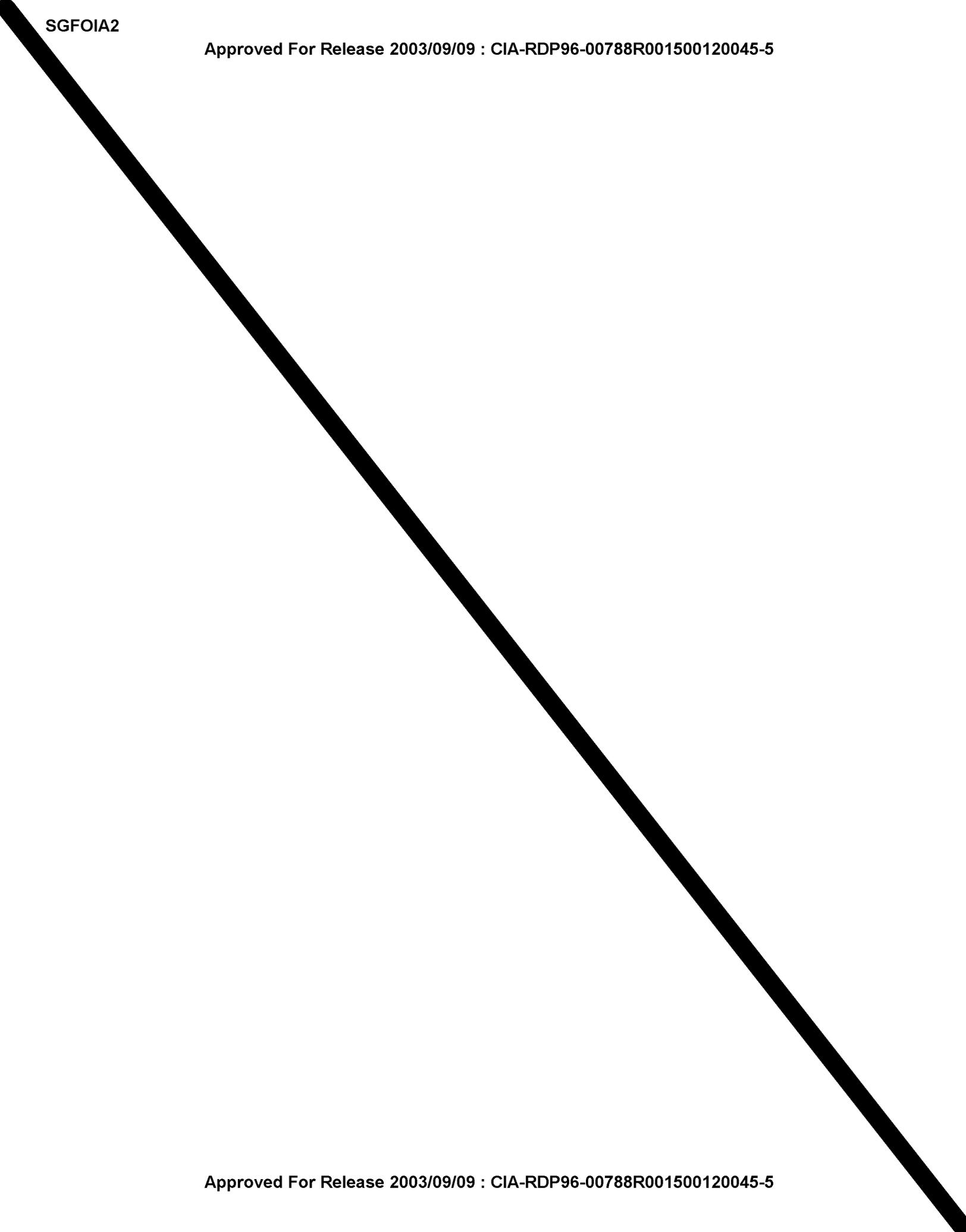


d. Approving official's activity address and Zip Code

IMDSO/EWL (DELEW-I/L)
Building 2501
Ft Meade, MD 20755

e. Name, address and Zip Code of Administrative Contracting Office

Intelligence Materiel Dev and Spt
Office/EWL (DELEW-I), Bldg 4554
Fort Meade, MD 20755



SECRETSTATEMENT OF WORK
ESU 83-134

1. (U) GENERAL

1.1 (S/CL-3/NOFORN) The objective of this effort is to investigate a particular aspect of psychoenergetics relating to operational management of personnel; that is, determine if a personality testing technique can be created, which when applied to a general population, will delineate specific individuals who exhibit a higher degree of talent for Remote Viewing (RV).

1.2 (U) MAJOR GOALS

a. (S/CL-3/NOFORN) PHASE I: Apply personality testing with proven remote viewer personnel from SRI and Project CENTER LANE; and determine testing profile(s) which can be used to identify personnel with an aptitude for remote viewing.

b. (S/CL-3/NOFORN) PHASE II: Test these same individuals with "self-report" type tests, and compare the results of these tests with the previously identified profile(s) to determine testing accuracy. Apply the identified profile(s) against a general test population and segregate persons who show a talent for remote viewing from those who do not.

c. (S/CL-3/NOFORN) PHASE III: Test the personnel who show a talent for remote viewing against randomly selected targets; test the personnel who did not show a talent against the same targets.

d. (S/CL-3/NOFORN) Provide an overall evaluation of the above three phases with conclusive recommendations. If the first two phases produce negative results, an overall evaluation of those two phases will be made, including a recommendation for further action.

2. (U) SPECIFIC TASKS:

2.1 (U) PHASE I

a. (S/CL-3/NOFORN) Personality profile data from proven remote viewers will be collected. Data will be collected from proven personnel--those identified by SRI as well as Project CENTER LANE participants.

b. (U) The data will be collected by using an extended Wechsler Test.

c. (U) It is planned that testing will be carried out under laboratory conditions by two experienced testers: Dr. David Saunders, MARS Measurements Association (SRI Consultant), Lawrenceville, New Jersey; and Dr. Michael Hecker (an SRI Staff Member).

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d. (U) The data obtained will be analyzed in accordance with the Personality Assessment System (PAS) concept.

e. (U) The above analysis will provide the basis upon which specific and appropriate personality profile(s) of interest will be designated; those profiles will be extrapolated for use during Phase III.

f. (U) An interim report of findings from Phase I will be provided.

2.2 (U) PHASE II (Will be run in parallel with Phase I.)

a. (S/CL-2/NOFORN) Self-report data will be collected from the selected individuals within SRI and the CENTER LANE Project. These will be the same individuals selected for testing under Phase I.

b. (U) The self-report data will be determined from tests such as the Myers-Briggs and 16 PF questionnaires. Testing will be under laboratory conditions, and will be utilized to design a pre-screening questionnaire.

c. (U) Analysis of the self-report data will be performed using the Behavior Prediction System (BPS) concept to generate a scoring key capable of extracting those individuals with profile(s) indicated within Phase I, as being profile(s) of interest.

d. (S/CL-3/NOFORN) The self-report test criteria will be applied against a general population. The general population will contain the previously selected SRI and CENTER LANE remote viewer personnel.

e. (U) To test whether the pre-screening (self-report) test is effective in selecting individuals with the Phase I profiles, a second group of individuals will be given both the pre-screening and extended Wechsler tests under like laboratory conditions and the correlations between these results and the previous results will be evaluated.

f. (U) An interim report of findings from Phase II will be provided.

2.3 PHASE III (Assuming success in Phases I and II the following will be accomplished.)

a. (S/CL-3/NOFORN) The appropriate profile(s) developed through testing during Phases I & II will be used to delineate individuals into two groups: those with remote viewing potential as well as those who do not show potential.

b. (S/CL-3/NOFORN) Personnel who show potential in remote viewing will then be tested (under laboratory conditions) against a randomly selected group of targets.

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c. (S/CL-3/NOFORN) Personnel not selected as having potential will also be run (under laboratory conditions) against the same selected group of targets.

d. (S/CL-3/NOFORN) A comparison of both groups of personnel will then be made to determine the validity of selection criteria developed and presented from Phases I & II.

e. (S/CL-3/NOFORN) Should it be proven by failure in Phases I & II that a personality profile cannot be developed that will assist in selecting appropriate remote viewer personnel, then Phase III will be canceled with the concurrence of the sponsor and all monies left transferred to on-going remote viewer training.

3. (U) SECURITY

(U) Military security requirements in the performance of this contract shall be maintained in accordance with the "CENTER LANE SECURITY PROCEDURES GUIDE," dated 1 March 1983 (S/CL-1/NOFORN/ORCON). The highest classification involved in the performance of this contract is SECRET/CL-4/NO FOREIGN DISSEMINATION/ORIGINATOR CONTROLLED.

4. (U) DELIVERABLES:

(U) SRI-International will provide the following:

4.1 (S/CL-1/NOFORN) State-of-the-art information on selection of personnel with a talent for remote viewing.

4.2 (S/CL-3/NOFORN) A progress report (2 copies)--a written evaluation of findings (within 10 days of completion) of Phase I, development of and use of psychological profile(s) testing.

4.3 (S/CL-3/NOFORN) A progress report (2 copies--a written evaluation of findings (within 10 days of completion) of Phase II, development of and use of self-report testing; to include comparison for accuracy against Phase I testing, and use of the newly designed pre-screening questionnaire.

4.4 (S/CL-3/NOFORN) A final report (3 copies) (within 30 days following completion) of the overall evaluation of developed selection testing methodology. Report will include but is not limited to the following:

a. (S/CL-3/NOFORN) A summary of tests performed in each methodology area, an evaluation of those tests, and a written comparison of one test methodology to another.

b. (S/CL-3/NOFORN) Findings that result from the application of testing methodologies (against a general population) to select

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remote viewers. This will include an evaluation of remote viewing results as produced by those personnel identified as talented, as well as results from those who were not identified as talented.

c. (S/CL-3/NOFORN) A summary of recommended testing for future selection of remote viewer personnel based upon the above.

5. (U) SPECIAL REQUIREMENTS

(U) Requirements concerning the use of human subjects as outlined in INSCOM Statement of Work dated 2 August 1983 will be adhered to.

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SECRETII STATEMENT OF WORK (U)
ESU 83-144

1. (U) GENERAL

1.1 (S/CL-3/NOFORN) The objective of this effort is to investigate a particular aspect of psychoenergetic phenomena called Target Search, which is designed to determine the location of objects, individuals, and facilities, in a scale of room - to global-sized dimensions.

1.2 (U) MAJOR GOALS

a. (S/CL-3/NOFORN) Phase I: Determine the efficiency or best method of using the "Discrete Search Technique," and apply that technique to problems relevant to intelligence-collection tasks.

b. (S/CL-3/NOFORN) Phase II: Determine the efficiency or best method of using "Continuum Search (Dowsing) Techniques," and determine their applicability to intelligence-collection tasks.

c. (S/CL-3/NOFORN) Demonstrate the most efficient methods selected by applying them against targets chosen by CENTER LANE. This will include appropriate statistical analysis and a finalized target evaluation.

d. (S/CL-3/NOFORN) Provide a final overall evaluation of the above three areas with recommendations for training.

2. (U) SPECIFIC TASKS

2.1 (S/CL-3/NOFORN) Research the literature and published documentation to determine the best methods for performing Discrete Search Techniques.

2.2 (S/CL-3/NOFORN) Determine what an effective "zone" or "grid squares" area is in a Discrete Search Technique.

2.3 (S/CL-3/NOFORN) Determine the optimized sizes of varying search areas.

2.4 (S/CL-3/NOFORN) Determine what statistical procedures are applicable for Discrete Search Techniques analysis.

2.5 (S/CL-3/NOFORN) Under laboratory conditions, test the different statistical procedures by applying them against identical search tasks of interest to Project CENTER LANE.

2.6 (S/CL-3/NOFORN) Under laboratory conditions, test what are found to be the most efficient and accurate statistical procedures by

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applying them against varying search tasks of interest to Project CENTER LANE.

2.7 (S/CL-3/NOFORN) Research the literature and published documentation to determine the best methods for performing Continuum Search (Dowsing) Techniques.

2.8 (S/CL-3/NOFORN) Under laboratory conditions, test the Continuum Search (Dowsing) Techniques against tasks of interest to Project CENTER LANE.

2.9 (S/CL-3/NOFORN) Choose a subject, then demonstrate the feasibility of each search technique developed against tasks assigned by and under the control of Project CENTER LANE.

2.10 (S/CL-3/NOFORN) Provide an overall evaluation of the feasibility targets tasked during the capability demonstration.

2.11 (S/CL-3/NOFORN) Provide an overall evaluation of the Target Search Task, and propose a training scenario for personnel selected by Project CENTER LANE.

3. (U) SECURITY

(U) Military security requirements in the performance of this contract will be maintained in accordance with the "CENTER LANE SECURITY PROCEDURES GUIDE," dated 1 March 1983 (S/CL-1/NOFORN/ORCON). The highest classification involved in the performance of this contract is SECRET/CL-4/NO FOREIGN DISSEMINATION/ORIGINATOR CONTROLLED.

4. (U) DELIVERABLES

(U) SRI International will provide the following:

4.1 (S/CL-3/NOFORN) State-of-the-art information on Search Target Techniques.

4.2 (S/CL-3/NOFORN) A progress report (two copies)--a written evaluation of findings (within 10 days of completion) of Phase I, investigation of the Discrete Search Techniques.

4.3 (S/CL-3/NOFORN) A progress report (two copies)--a written evaluation of findings (within 10 days of completion) of Phase II, investigation of the Continuum Search Techniques.

4.4 (U) A final report.

4.4.1 (S/CL-3/NOFORN) A final report (three copies) will be furnished within 30 days following completion of the overall evaluation of the Target Search Task.

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4.4.2 (U) The report will include a summary of experiments performed in each area, an evaluation of each of those experiments, and written comparability evaluations of one technique to another.

4.4.3 (U) The report will provide a prioritized list of techniques that are trainable, and a recommendation concerning future training of individuals identified by Project CENTER LANE.

5. (U) ACCESS TO MATERIAL

(U) Reasonable access to raw data material will be made to CENTER LANE personnel to ensure a full understanding of statistical methodology used during evaluations.

6. (U) SPECIAL REQUIREMENTS

(U) Requirements concerning the use of human subjects as outlined in the INSCOM Statement of Work dated 22 July 1983 will be adhered to.

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II STATEMENT OF WORK (U)
ESU 83-145

1. (U) GENERAL

1.1 (S/CL-3/NOFORN) The objective of this effort is to investigate a particular aspect of the psychoenergetic phenomena known as remote viewing that has a potential military intelligence application. Coordinate Remote Viewing (CRV) is a staged technique that utilizes coordinates to facilitate acquisition of a remote viewing target.

1.2 (S/CL-3/NOFORN) The major goal is to determine whether CRV technology can be successfully transferred to INSCOM personnel with a corresponding increase in the reliability of a remote viewer.

1.3 (S/CL-3/NOFORN) SRI-International will provide CRV or equivalent training as applicable.

2. (U) SPECIFIC TASKS

2.1 (S/CL-3/NOFORN) Train three army personnel concurrently in CRV Stages I through III, as outlined in SRI memoranda on this subject, dated 16 December 1982 and 25 May 1983.

2.1.1 (S/CL-3/NOFORN) Initiate training at the highest skill level (CRV stage) of the trainee.

2.1.2 (S/CL-3/NOFORN) Training for each CRV stage will normally be divided into working sessions in accordance with the following schedule:

- Stage I, Phase 1 2 to 3 weeks
- Stage I, Phase 2 2 to 4 weeks
- Stage II 2 to 6 weeks
- Stage III 2 to 16 weeks

TOTAL 24 weeks*

The session dates and training locations will be mutually agreed to by SRI and INSCOM.

* (U) Broken up into 2-week sessions each, with 2- to 4-week breaks between sessions.

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2.1.3 (S/CL-3/NOFORN) After successful completion of each CRV stage, the trainee will be scheduled to begin the next CRV stage.

2.2 (U) Determine the potential of the trainee for further training.

3. (U) SECURITY

(U) Military security requirements in the performance of this contract shall be maintained in accordance with the "CENTER LANE SECURITY PROCEDURES GUIDE," dated 1 March 1983 (S/CL-1/NOFORN/ORCON). The highest classification involved in the performance of this contract is SECRET/CL-4/NO FOREIGN DISSEMINATION/ORIGINATOR CONTROLLED.

4. (U) DELIVERABLES

(U) SRI-International will provide the following:

4.1 (S/CL-3/NOFORN) State-of-the-art CRV training.

4.2 (U) A progress report (2 copies)--written evaluation of the trainee's progress (within 10 days after the completion of each training block).

4.3 (U) A final report.

4.3.1 (U) A final report (three copies) will be furnished within 30 days after completion of each training stage.

4.3.2 (U) The report will consist of a separate enclosure for each individual trainee that will include an evaluation of the trainee's ability to understand the training, and a summary of the trainee's accomplishments during the training.

4.3.3 (S/CL-3/NOFORN) The report will also include an evaluation of the trainee's future remote viewing capabilities, and a recommendation concerning further training.

4.4 (U) The estimated time to complete this training program and report on its results is 12 months from date of initiation of training. Training will be completed by 15 December 1984, and reports prepared by 15 January 1985.

5. (U) POST TRAINING ACCESS

(S/CL-3/NOFORN) After the completion of each CRV training stage, personnel involved in the training program will have reasonable access to INSCOM personnel trained to assist in further evaluations of CRV.

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SECRETII STATEMENT OF WORK (U)
ESU 83-147

1. (U) GENERAL

1.1 (S/CL-3/NOFORN) The objective of this effort is to investigate the possible effects of ambient geophysical/low-frequency electromagnetic (ELF) factors on RV performance.

1.2 (U) MAJOR GOALS

- a. (S/CL-3/NOFORN) Phase I: Search and summarize the literature on geophysical/ELF effects on biological organisms, especially as they relate to the degradation of Human performance skills at a behavioral level.
- b. (S/CL-3/NOFORN) Phase II: Examine the statistical correlation between RV performance in the historical SRI RV data base and the ambient geophysical/ELF factors.
- c. (S/CL-3/NOFORN) Phase III: Explore the statistical correlation between RV performance and ambient ELF fluctuations--specifically on the basis of real-time ELF monitoring.
- d. (S/CL-3/NOFORN) Phase IV: Provide an evaluation report as to whether measurement of ambient geophysical/ELF factors can be used as an indicator of expected RV performance, and whether optimum performance windows can be identified.

2. (U) SPECIFIC TASKS

2.1 (S/CL-3/NOFORN) SRI International will conduct a literature search to collect and summarize up-to-date knowledge in the field of bioelectronics. The literature search will be carried out in the following categories:

- Bioactive frequencies for ELF/VLF at the gross anatomical and behavioral levels.
- Effects of ELF/VLF frequencies at the biochemical (hormonal, ionic, molecular) level.
- Effects of ELF/VLF at the neuronal membrane level.
- Natural sources of ELF/VLF.
- Man-made sources of ELF/VLF.
- Artificial generation of ELF/VLF.

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(S/CL-3/NOFORN)

- Propagation characteristics of ELF/VLF.
- Detection and measurement of ELF/VLF.

This will be accomplished by means of both references to literature on hand, and by computerized keyword searches. Additionally, the SRI-International consultant will contact Dr. William D. Schul, Olive W. Garvey Center for the Improvement of Human Functioning, Wichita, Kansas.

2.2 (S/CL-3/NOFORN) SRI International will perform an analysis to determine whether correlations exist between RV performance in historical data (data from previous experiments) and factors in the ambient geophysical environment. Data from previous studies conducted under controlled conditions will be analyzed by means of epoch, bivariate, and multivariate analysis (when possible) against the following geophysical variables:

- Weather (temperature, relative humidity, barometric pressure, and so forth).
- Geomagnetic indices (A_p , A_{fr} , A_a).
- Solar electromagnetic emissions.
- Sunspot number .
- Ionospheric conditions.
- Solar magnetic field.
- Lunar cycles.

Further, because it is hypothesized that the mechanism by which geophysical factors could play a role in RV performance is that of changing the ambient ELF environment, SRI-International will examine this hypothesis as well. An ELF data base spanning a year and a half (from May 1982 to present) was monitored by a field station in Los Altos, California. Data were taken twice daily. The same analysis techniques used for the geophysical analysis will be applied to the ELF data. Positive results from these tasks could yield a rough index of expected RV performance, given prevailing geophysical factors.

2.3 (S/CL-3/NOFORN) SRI-International will implement a program of real-time ELF monitoring. Little information is available on the variation of the ELF environment from location to location, although it is known that ELF frequencies generated by geophysical means tend to vary simultaneously over the globe. Therefore, local variations

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may exist that are caused by both man-made sources, and by the geological structure of the area. For this a reason, two ELF stations will be set up: one at the SRI premises in the RV laboratory, the other at a field station 17-km distant. Data from the SRI station will be compared with the field station data to determine the variability attributable to location and distance. This comparison may also help determine whether RV performance is influenced by global, local, or both sources of ELF disturbances. Particular attention will be paid to bioactive frequencies found as a result of the literature search in Task I. Statistical correlations will be sought between the RV performance (on an appropriate series of trials carried out in the RV chamber) and the ambient ELF fluctuations, in order to determine whether measurement of ambient ELF can be used as an indicator of expected performance, and whether optimum performance windows can be identified.

3. (U) SECURITY

(U) Military security requirements in the performance of this contract will be maintained in accordance with the "CENTER LANE SECURITY PROCEDURES GUIDE," dated 1 March 1983 (S/CL-1/NOFORN/ORCON). The highest classification involved in the performance of this contract is SECRET/CL-4/NO FOREIGN DISSEMINATION/ORIGINATOR CONTROLLED.

4. (U) DELIVERABLES

(U) SRI-International will provide the following.

4.1 (U) A progress report (2 copies)--a written evaluation of findings (within 10 days of completion) of Phase I, literature survey.

4.2 (S/CL-3/NOFORN) A progress report (2 copies)-- a written evaluation of findings (within 10 days of completion) of Phase II, investigation of the statistical correlation between geophysical/ELF factors and the historical RV data base.

4.3 (S/CL-3/NOFORN) Following Phase III, an investigation of the statistical correlation between ambient ELF fluctuations and RV performance, a final report (3 copies) will be furnished within 30 days, which will include an overall evaluation of the Geophysical Factors/ELF/RV Correlation Study Task.

5. (U) ACCESS TO MATERIAL

(S/CL-3/NOFORN) Reasonable access to raw data material will be made to CENTER LANE personnel to ensure a full understanding of statistical methodology used during evaluations.

6. (U) SPECIAL REQUIREMENTS

(U) Requirements concerning the use of human subjects as outlined in the INSCOM Statement of Work on Identification of Selected Personnel, dated 2 August 1983, will be adhered to.

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6. (U) SPECIAL REQUIREMENTS

(U) Requirements concerning the use of human subjects as outlined in the INSCOM Statement of Work dated 2 May 1983 will be adhered to.

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II STATEMENT OF WORK (U)
ESU 83-148

1. (U) GENERAL

1.1 (S/CL-3/NOFORN) The objective of this effort is to investigate a particular aspect of the psychoenergetic phenomena known as remote viewing that has a potential military intelligence application. Coordinate Remote Viewing (CRV) is a staged technique that utilizes coordinates to facilitate acquisition of a remote viewing target.

1.2 (S/CL-3/NOFORN) The major goal is to determine whether CRV technology can be successfully transferred to INSCOM personnel with a corresponding increase in the reliability of a remote viewer.

1.3 (S/CL-3/NOFORN) SRI-International will provide CRV or equivalent training as applicable.

2. (U) SPECIFIC TASK

2.1 (S/CL-3/NOFORN) Train an army person in CRV Stages V and VI as outlined in SRI memorandum on the subject dated 27 May 1983.

2.1.1 (S/CL-3/NOFORN) Initiate training at the highest skill level (CRV stage) of the trainee.

2.1.2 (S/CL-3/NOFORN) Training for each CRV stage will normally be divided into two or three training blocks of two weeks duration each, with 2- to 4-week breaks between sessions. The training dates and locations will be mutually agreed to by SRI and INSCOM.

2.1.3 (S/CL-3/NOFORN) After successful completion of CRV Stage V, the trainee will be scheduled to begin CRV Stage VI.

3. (U) SECURITY

(U) Military security requirements in the performance of this contract shall be maintained in accordance with the "CENTER LANE SECURITY PROCEDURES GUIDE," dated 1 March 1983 (S/CL-1/NOFORN/ORCON). The highest classification involved in the performance of this contract is SECRET/CL-4/NO FOREIGN DISSEMINATION/ORIGINATOR CONTROLLED.

4. (U) DELIVERABLES

(U) The contractor will provide the following.

4.1 (S/CL-3/NOFORN) State-of-the-art CRV training.

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4.2 (U) A progress report (two copies)--provide a written evaluation of the trainee's progress (within 10 days after the completion of each training block).

4.3 (U) A final report.

4.3.1 (U) A final report in three copies will be furnished within 30 days after completion of each CRV stage.

4.3.2 (U) Report will include a summary of the training presented; an evaluation of the trainee's ability to understand the training; and a summary of the trainee's accomplishments during the training period.

4.3.3 (S/CL-3/NOFORN) Report will also include an evaluation of the trainee's future remote viewing capabilities, and a recommendation concerning further training.

4.4 (U) The estimated time required to complete this training and report on its results is 6 months. All work will be completed by 30 June 1984.

5. (U) POST TRAINING ACCESS

(S/CL-3/NOFORN) After the completion of each CRV training stage, personnel involved in the training program will have reasonable access to INSCOM personnel trained to assist in further evaluations of CRV.

6. (U) SPECIAL REQUIREMENTS

(U) Requirements concerning the use of human subjects as outlined in the INSCOM Statement of Work dated 2 August 1983 will be adhered to.

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CENTER LANE
SECURITY CLASSIFICATION GUIDE (U)

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CATEGORY 2

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NOFORN- Not Releasable to Foreign Nationals
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