

SRI International

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NO FOREIGN DISSEMINATION

22 September 1983

Proposal for Research
SRI International No. ESU 83-134

PERSONNEL IDENTIFICATION AND SELECTION (U)

Part One--Technical Proposal

Prepared for:
Client Private

Prepared by:
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Senior Research Engineer

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Radio Physics Laboratory
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Research and Analysis Division

WARNING NOTICE
CENTER LANE SPECIAL ACCESS PROGRAM.
RESTRICT DISSEMINATION TO THOSE WITH VERIFIED ACCESS.
CATEGORY 3

CLASSIFIED BY: CENTER LANE
Security Classification Guide dated
1 March 1983
Declassify on: OADR

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This document consists of 9 pages.
941/CL-0004

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WARNING NOTICE
Intelligence Sources
and Methods Involved



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I INTRODUCTION (U)

(S/CL-3/NOFORN) In response to correspondence from Army INSCOM dated 27 April 1983 and 2 August 1983, and to discussions with INSCOM personnel on 7 and 8 September 1983, SRI International submits this proposal to initiate the selection of personnel for Remote Viewing (RV) tasking.

(S/CL-1/NOFORN) To accomplish the proposed program, SRI will provide the facilities, materials, SRI staffing, and consultants to perform the tasking outlined in the INSCOM Statement of Work dated 2 August 1983. Details of the effort are specified in the following section.

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II STATEMENT OF WORK (U)

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.

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) that 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,

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MARS Measurements Association (SRI Consultant), Lawrenceville, New Jersey; and Dr. Michael Hecker (an SRI Staff Member).

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 the 16-PF questionnaires. Testing will be under laboratory conditions, and will be used to design a prescreening 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 prescreening (self-report) test is effective in selecting individuals with the Phase I profiles, a second group of individuals will be given both the prescreening 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 and II will be used to delineate individuals into two groups: those with remote viewing potential as well as those who do not show potential.

WILL SCREENING DOCUMENT BE PREPARED

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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.

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 and II.

e. (S/CL-3/NOFORN) Should it be proven by failure in Phases I and 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 ongoing 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 prescreening questionnaire.

4.4 (S/CL-3/NOFORN) A final report (3 copies) (within 30 days following completion) of the overall evaluation of the developed selection testing methodology. This 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.

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b. (S/CL-3/NOFORN) Findings that result from the application of testing methodologies (against a general population) to select 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 the INSCOM Statement of Work dated 2 August 1983 will be adhered to.

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ROBERT S. LEONARD

Director
Radio Physics Laboratory
Research & Analysis Division

SPECIALIZED PROFESSIONAL COMPETENCE

Radio-wave propagation: in normal environments; in naturally disturbed environments (aurora); in manmade disturbances (nuclear explosions)

REPRESENTATIVE RESEARCH ASSIGNMENTS AT SRI (since 1961)

Project director of a program to remotely sense nuclear detonations during the U.S. high altitude nuclear test program
Led a research effort to improve the U.S. capability to detect foreign nuclear test by their effect on radio propagation
Technical director of a large multicontractor research program to study the effects on radio propagation of an artificially produced ionospheric plasma
Technical director on a program to develop special communications techniques

OTHER PROFESSIONAL EXPERIENCE

Instructor, researcher, and graduate student, Geophysical Institute, University of Alaska: HF and low VHF radio-wave propagation studies of auroral effects; designed, developed, and tested a prototype of the 41-MHz auroral radar used in the U.S. IGY program; installed and operated the six Alaskan IGY-auroral radars, and analyzed the data collected during the IGY
Teaching assistant, Physics Department, University of Nevada

ACADEMIC BACKGROUND

B.S. (1952) and M.S. (1953) in physics, University of Nevada; Ph.D. in geophysics (1961), University of Alaska

PUBLICATIONS

"Observations of Ionospheric Disturbances Following the Alaska Earthquake," J. Geophys. Res. (March 1965); "Selection of a Model of the Earth's Magnetic Field," J. Geophys. Res. (December 1962); "Evidence of Low-Frequency Amplitude Fluctuations in Radar Auroral Echoes," J. Geophys. Res. (April 1962); "Distribution of Radar Auroras over Alaska," J. Geophys. Res. (March 1962); "A Low Power UHF Radar for Auroral Research," PIRE (February 1959); plus numerous scientific and technical reports

PROFESSIONAL ASSOCIATIONS

American Geophysical Union
Union Radio Scientifique Internationale

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HAROLD E. PUTHOFF

Senior Research Engineer
 Radio Physics Laboratory
 Research and Analysis Division

SPECIALIZED PROFESSIONAL COMPETENCE

Research in "remote viewing" and other psi phenomena (1972-present)
 Research in lasers, quantum electronics, nonlinear optics
 Research and development of tunable solid-state lasers, electron beam
 lasers, microwave tubes

OTHER PROFESSIONAL EXPERIENCE

Research associate, Hansen Laboratories of Physics, and lecturer, Department of Electrical Engineering, Stanford University; teaching, textbook author, research supervisor of Ph.D. candidates in the area of lasers and nonlinear optics
 Lieutenant, USNR: in-house research and contract monitoring on DoD (NSA) contracts concerned with the development of ultra high-speed (GHz) computers, assessment of potential of fiber optics and lasers for use in optical computers
 Research engineer, Sperry Electronic Tube Division, and Sperry fellow, University of Florida: design and testing of electron-beam focusing systems for use in microwave tubes

ACADEMIC BACKGROUND

B.E.E. (1958) and M.S.E. (1960), University of Florida; Ph.D. in electrical engineering, Stanford University (1967)

PUBLICATIONS AND PATENTS

Author or coauthor of more than twenty-five papers in professional journals on electron beam and laser research, and, more recently, first major publications of research on psi phenomena in Nature ("Information Transfer Under Conditions of Sensory Shielding," Oct. 1974), in the Proceedings of the IEEE ("A Perceptual Channel for Information Transfer over Kilometer Distances," March 1976) and in The Role of Consciousness in the Physical World: AAAS Selected Symposium 57, Ed. R. Jahn, ("Experimental Psi Research: Implications for Physics", Westview Press, 1981
 Coauthor of textbook, Fundamentals of Quantum Electronics (Wiley, New York, 1969) published in English, French, Russian;
 Coauthor of Mind Reach: Scientists Look at Psychic Ability (Delacorte, New York, 1977);
 Coeditor of Mind at Large: IEEE Symposia on the Nature of Extrasensory Perception (Praeger, New York, 1979);
 Patent on high-power tunable infrared laser source (50-250 microns)

PROFESSIONAL ASSOCIATIONS AND HONORS

American Association for the Advancement of Science, American Physical Society, Institute of Electrical and Electronics Engineers, Sigma Xi, Department of Defense Certificate of Commendation for Outstanding Performance, IEEE Franklyn V. Taylor Memorial Award for paper "A Scientific Look at ESP," listed in American Men and Women of Science and in Who's Who in the West

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EDWIN C. MAY

Senior Research Physicist
Radio Physics Laboratory
Research and Analysis Division

SPECIALIZED PROFESSIONAL COMPETENCE

Charged particle and gamma-ray spectroscopy; analogue and high-speed digital electronics; numerical analysis; real-time computer applications for data acquisition and analysis; research in bio-feedback technology and applications, and cardiac blood flow problems; field research in India and laboratory research at Maimonides Medical Center on psycho-energetic phenomena, aerodynamic analysis from fixed wing, powerless soaring aircraft

OTHER PROFESSIONAL EXPERIENCE

Theoretical calculations in radiation transport; atmospheric physics, and E & M wave scattering at the RAND Corporation
Experiments in nuclear reaction mechanism and nuclear structure at the U. of California Crocker Nuclear Laboratory
Undergraduate physics teaching at the City College of San Francisco
Equipment engineer and clinical experience at the Bio-feedback Institute of San Francisco
Research consultant on psychokinesis at the Maimonides Medical Center

ACADEMIC BACKGROUND

B.S. in physics, University of Rochester (1962); Ph.D. in physics, University of Pittsburgh (1968)

PUBLICATIONS

Author or coauthor of eleven scientific papers in experimental nuclear physics research;
Author or coauthor of numerous scientific papers in psychoenergetic research;
Author or coauthor of eleven research abstracts in nuclear physics for professional meetings
Author or coauthor of ten abstracts in psychoenergetic research for professional and meetings

PROFESSIONAL ASSOCIATIONS

American Physical Society, American Association for the Advancement of Science, Institute of Electrical and Electronics Engineers, Parapsychology Association, The American Society for Psychical Research

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DEPARTMENT OF DEFENSE
CONTRACT PRICING PROPOSAL

FORM APPROVED
OMB NO 22-R0381

This form is for use in procurements when submission of cost or pricing data is required (See DAR 3.407)

NAME, ADDRESS, AND TELEPHONE NUMBER OF ORGANIZATIONAL ELEMENT RESPONSIBLE FOR SUPPORTING PROPOSAL
SRI International
333 Ravenswood Avenue
Menlo Park, California 94025
(415) 859- 5645

J. O. Dolen
Sr. Contract Administrator

TYPE OF CONTRACT CPFF
PLACE(S) AND PERIOD(S) OF PERFORMANCE
SRI INTERNATIONAL
333 Ravenswood Avenue
Menlo Park, CA 94025

12 months

TOTAL COST
PROFIT/FEE
TOTAL \$119,998

TYPE OF PROCUREMENT ACTION
 OTHER (Specify)
 NEW PROCUREMENT
 CHANGE ORDER
 PRICE REVISION/REDETERMINATION
 LETTER CONTRACT
 UNPRICED ORDER

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LINE ITEM NO.	IDENTIFICATION	QUANTITY	TOTAL PRICE	REF.
1	NOTE: List and reference the identification, quantity and total price proposed for each contract line item. A line item cost breakdown supporting this recap is required unless otherwise specified by the Contracting Officer. (Attach continuation page if required.) SRI International Proposal for Research No. ESU 83-134 entitled "Personnel Identification/ Selection."	Lot	\$119,998 ESU	SRI No. 83-134

I. IF YOUR ACCOUNTS AND RECORDS HAVE BEEN REVIEWED IN CONNECTION WITH ANY GOVERNMENT CONTRACT (PRIME OR SUBCONTRACT), GRANT OR PROPOSAL WITHIN THE PAST 3 YEARS BY A GOVERNMENT AGENCY OTHER THAN IRS OR GAO, PROVIDE NAME, ADDRESS AND TELEPHONE NUMBER BELOW:

CONTRACT ADMINISTRATION OFFICE
DCASMA - San Francisco
1250 Bayhill Drive
San Bruno, California 94066
(415) 876-9576

AUDIT OFFICE
Defense Contract Audit Agency (DCAA)
298 So. Sunnyvale Ave., Suite 103
Sunnyvale, California 94086
(408) 275-7508

II. WILL YOU REQUIRE THE USE OF ANY GOVERNMENT PROPERTY IN THE PERFORMANCE OF THIS WORK?
 YES NO IF YES, IDENTIFY

III. DO YOU REQUIRE GOVERNMENT CONTRACT FINANCING TO PERFORM THIS PROPOSED CONTRACT?
 YES NO IF YES, IDENTIFY ADVANCE PAYMENTS PROGRESS PAYMENTS OR GUARANTEED LOANS

IV. HAVE YOU BEEN AWARDED ANY CONTRACTS OR SUBCONTRACTS FOR THE SAME OR SIMILAR ITEMS WITHIN THE PAST 3 YEARS?
 YES NO IF YES, IDENTIFY ITEM(S), CUSTOMER(S) AND CONTRACT NUMBER(S)

V. IS THIS PROPOSAL CONSISTENT WITH YOUR ESTABLISHED ESTIMATING AND ACCOUNTING PRACTICES AND PROCEDURES AND DAR SECTION XV COST PRINCIPLES?
 YES NO IF NO, EXPLAIN

VI. COST ACCOUNTING STANDARDS BOARD (CASB) DATA (PUBLIC LAW 91-379 AS AMENDED)

a. WILL THIS PROCUREMENT ACTION BE SUBJECT TO CASB REGULATIONS?
 YES NO IF NO, EXPLAIN

b. HAVE YOU SUBMITTED A CASB DISCLOSURE STATEMENT (CASB DS 1 or 2)?
 YES NO IF YES, SPECIFY THE OFFICE TO WHICH SUBMITTED AND IF DETERMINED TO BE ADEQUATE

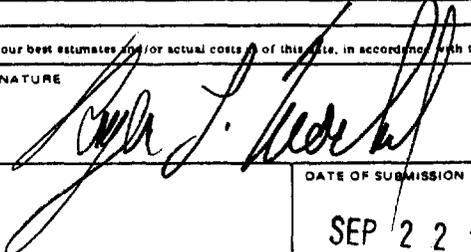
c. HAVE YOU BEEN NOTIFIED THAT YOU ARE OR MAY BE IN NONCOMPLIANCE WITH YOUR DISCLOSURE STATEMENT OR COST ACCOUNTING STANDARDS?
 YES NO IF YES, EXPLAIN

d. IS ANY ASPECT OF THIS PROPOSAL INCONSISTENT WITH YOUR DISCLOSED PRACTICES OR APPLICABLE COST ACCOUNTING STANDARDS?
 YES NO IF YES, EXPLAIN

DCASMA - San Francisco---approved.

This proposal is submitted in response to (RFP, contract/mod, etc.) _____ and reflects our best estimates and/or actual costs of this site, in accordance with the instructions of this form.

TYPED NAME AND TITLE
Roger L. Markl
Director
Contract Services

SIGNATURE


NAME OF FIRM
SRI INTERNATIONAL

DATE OF SUBMISSION
SEP 22 1983