

9 October 1987

Proposal for Research ^(FY88)
SRI International No. ESU 87-135

ENHANCED HUMAN PERFORMANCE INVESTIGATION

Part One--Technical Proposal

Prepared for:

CLIENT PRIVATE

Prepared by:

Edwin C. May
Program Manager

(For FY88)

Σ	89.4
	303.7
	71.6
	62.5
	244.2
	63.8
	332.2
+	<u>1167.4</u>

Approved:

Murray J. Baron, Director
Geoscience and Engineering Center

SRI International



ENHANCED HUMAN PERFORMANCE INVESTIGATION STATEMENT OF WORK

Phase II--Knowledge Development

Goals: To define further the characteristics, parameters, and effectiveness of remote viewing (RV).

Objectives:

- A. Provide access to all aspects of the research to the Scientific Oversight Committee (SOC).*

Task 1

Description: Provide statistical and basic research design protocols in advance of experiments.

Deliverables: 1st Quarter FY 88 (A report including the experimental protocols for FY 88, and detailing the approvals and the review process by the SOC.)

Task 2

Description: Provide continuing access to on-going experiments to SOC members.

Deliverables: None

Task 3

Description: Provide final reports for inspection and critical review to the SOC.

Deliverables: 4th Quarter FY 88 (A final technical report including the experimental results for FY 88, and detailing the SOC's review comments.)

Cost: \$ 89.4K / yr--7.6%

* The time-lines for all tasks during FY 1988 are the same: Start on 1-Oct-1987 and end on 30-Sep-1988. The costing is computed on an objective-by-objective basis, and the contractor is SRI International except where noted differently.

B. Identify new and "excellent" remote viewers.

Task 1

Description: Using various techniques to include the video disk technology, screen, and confirm, as many potential RV candidates as possible.

Deliverables: 4th Quarter FY 88 (A report detailing the screening protocol, the method of approach, and results.)

Cost: \$303.7K / yr--26.0%

C. Obtain successful replications of RV.

Task 1

Description: Provide supervision for the training of LANL personnel for for an eventual replication effort by examining RV quality as a function of weak magnetic environment.

Deliverables: None

Cost: \$71.6K / yr--6.1%

D. Determine a physiological indicator of psychoenergetic functioning.

Task 1

Description: Monitor and assist an independent contractor in determining the degree to which "remote" magnetic visual evoked potentials can be observed.

Deliverables: None

Cost: \$62.5K / yr--5.4%

E. Determine parameters of RV.

Task 1

Description: Measure RV quality as a function of differing types of robust feedback.

Deliverables: 4th Quarter FY 88 (A report detailing the experimental protocol, the method of approach, and results.)

Task 2

Description: Measure RV quality when various target properties are the independent variables for feedback.

Deliverables: 4th Quarter FY 88 (A report detailing the experimental protocol, the method of approach, and results.)

Task 3

Description: Expand upon the hypnosis concepts developed during FY 1987.

Deliverables: 4th Quarter FY 88 (A report detailing the experimental protocol, the method of approach, and results.)

Task 4

Description: Determine the source of "mental noise" in binary psychoenergetic tasks.

Deliverables: 4th Quarter FY 88 (A report detailing the experimental protocol, the method of approach, and results.)

Cost: \$244.2K / yr--20.9%

F. Improve upon the Fuzzy Set RV Analysis (FSRA) developed during FY 1987.

Task 1

Description: Determine the appropriate parameters for FSRA.

Deliverables: 4th Quarter FY 88 (A report detailing the method of approach, and results.)

Cost: \$63.8K / yr--5.5%

G. Provide support for research.

Task 1

Description: Provide administrative, technical and secretarial support.

Task 2

Description: Provide protocols and administrative support for SRI International's Human Use Review Board.

Task 3

Description: Provide computer software/hardware maintenance, and modest software/hardware upgrades.

Task 4

Description: Provide sponsor-requested travel.

Task 5

Description: Provide document production services.

Cost: \$332.2K / yr--28.5%