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5.4 (S/NF) Some of the experiments/investigations required to fulfill this contract may require participation of select government personnel. All such investigations will be fully planned and coordinated with the COTR and will be under the purviews of the SOC and the Human Use Review Committee.

5.5 (U) Should unforeseen schedule of other issues arise concerning any of the specific tasks identified in section 6.0, the COTR will be given immediate notice. If necessary, adjustments to priorities and schedules can be approved by the COTR if there is no cost or other impact on the over-all program. The COTR will also review/approve all anticipated research protocols.

5.6 (U) All items in section 6.0 (except 6.5) will be funded from the R&D portion of this contract. Sections 6.1 through 6.4 shall be expended NLT 18 months after contract award. Section 6.5 will be funded from the O&M portion, and shall be expended no later than 30 September 1991. Accounting procedures to clearly identify the R&D and the O&M expenditures shall be implemented by the contractor.

5.7 (U) Terms of reference and additional task details are on file by the COTR and will be provided to the contractor to insure adequate task understanding. This material is contained in DIA publication DT-S-1007-S, 29 NOV 1990.

#### 6.0 (S/NF) SPECIFIC TASKS:

6.1 (U) Research Plan Development: Provide inputs for development of a long-term comprehensive basic and applied research plan. This will require extensive expert consultation and will involve an inter-laboratory, inter-disciplinary approach.

#### 6.2 (U) Basic Research:

##### 6.2.1 (U) Magnetoencephalograph (MEG) Investigations:

6.2.1.1 (U) Calibrate the electromagnetic/magneto-encephalograph (MEG) environment and replicate earlier results using a variety of population types.

6.2.1.2 (U) Examine MEG evoked responses from several population types and correlate with remote viewing ability for various physical conditions.

##### 6.2.2 (U) Data Patterns/Correlations:

6.2.2.1 (C) Using data from past basic research experiments, compare target features (e.g., type, dynamics) with remote viewing results to determine if any patterns or correlations exist.

6.2.2.2 (C) Initiate new experiments to further examine possible target type/remote viewing result correlations.

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6.2.2.3 (U) Examine parapsychological historical results to see if correlations to geomagnetic activity exists; initiate exploratory investigations to replicate/test findings.

6.2.2.4 (U) Examine parapsychological literature on research projects to evaluate over-all results and to identify possible variables/correlations.

6.2.3 (U) Theoretical Issues:

6.2.3.1 (U) Initiate assessment/investigations of potential theoretical constructs that may help explain this phenomena. This may require considerations with on-going basic research in other disciplines.

6.2.3.2 (C) Initiate investigation of issues that may help explain targeting mechanisms.

6.2.3.3 (U) Initiate investigations into communication potential theory.

6.2.4 (U) Altered States:

6.2.4.1 (U) Investigate remote viewing potential of lucid and other altered states.

6.2.5 (U) Energetics:

6.2.5.1 (U) Initiate limited experiments and develop plans for follow-on energetics research.

6.3 (S/NF) Applied Research:

6.3.1 (U) Magnetoencephalograph (MEG) Developments:

6.3.1.1 (S/NF) Translate basic research MEG results into procedures useful for practical screening/selection activity.

6.3.2 (U) Correlations/Pattern Analysis:

6.3.2.1 (S/NF) Conduct a variety of remote viewing experiments with laboratory and government personnel in order to identify possible correlations with people and project types and to identify strengths and weaknesses.

6.3.2.2 (U) Evaluate/test beacon person conditions (i.e., sender/no sender) in various experimental environments. This may require detailed analysis of existing data bases.

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6.3.3 (U) Training:

6.3.3.1 (S/NF) Examine previously developed training procedure and determine strengths/weaknesses of specific elements.

6.3.3.2 (S/NF) Explore new/modified training procedures.

6.3.4 (U) Applications:

6.3.4.1 (S/NF) Initiate/explore expanded or new application investigations to evaluate their feasibility.

6.3.4.2 (S/NF) Develop and conduct various experiments to test communication potential of remote viewing capabilities.

6.3.4.3 (S/NF) Initiate investigations to identify possible ways for enhancing data quality.

6.3.4.4 (S/NF) Improve data analysis and evaluation techniques for applied projects, possibly using artificial intelligence procedures.

6.4 (U) Research Methodology (R&D):

6.4.1 (U) Recommend and establish, with agency coordination, the Scientific Oversight Committee (SOC), Human Use Review Panel and Policy Board membership.

6.4.2 (U) Research Methodology Support includes project management, SOC/Human Use Review Panel/Policy Board, computer requirements, document preparation, administration and associated travel. This task supports 6.1 through 6.4.1 above.

SG1B 6.5 (U) Support Activity (O&M):

6.5.3 (S/NF) Develop protocols suitable for a variety of application pursuits.

6.5.4 (C) Identify hardware and software data base needs for the government data base system.

6.5.5 (U) Assist in implementing select "on-line" storage retrieval of the research literature.

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7.0 (U) QUICK REACTION CAPABILITY (QRC): The contractor will maintain a quick response capability and be prepared to respond in less than 24 hours to problems or unexpected demands for brief technical papers that may be developed during the term of this project.

8.0 (U) ALLOCATION OF EFFORT: The level of effort to be applied to each basic task category is shown in the following paragraphs.

8.1 (U) R & D:

<u>Basic Task No.</u>	<u>Allocation of Effort/ % Funding (R&amp;D)</u>
6.1	17
6.2	45
6.3	28
6.4	10

8.2 (U) O & M:

<u>Basic Task No.</u>	<u>Allocation of Effort/ % Funding (O&amp;M)</u>
6.5	100%

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