DEPARTMENT OF THE NAVY
NAVAL AIR PROPULSION CENTER
P.O. BOX 7176
TRENTON, NEW JERSEY 08628-0176

IN REPLY REFER TO:
3900
Ser PE22/E146

Galileo Research
Attn: K. Galitello
P.O. Box 25
Torrington, CT 06790

Gentlemen:

Our evaluation of your proposal, entitled "Innovative Small Engine Concepts", is provided in response to your inquiry for information concerning the technical ratings of your proposal.

The Commanding Officer, Naval Air Propulsion Center, appreciates your effort in responding to our solicitation and, once again, urges your participation in future Small Business Innovative Research solicitations.

Questions or comments should be addressed to Mr. R. Brucato of this Center at 609-896-5880.

Sincerely,

James F. Thaler

JAMES F. THALER
Manager
Systems Development and
Evaluation Department
Propulsion Engineering
Directorate
By direction of the
Commanding Officer

Encl:
(1) Small Business Innovative
Research Evaluation Package

Small Business Innovative Research Evaluation Package

COMPETITION SENSITIVE

8/6/90
Date

SMALL BUSINESS INNOVATION RESEARCH PROGRAM
PHASE I SCORE SHEET

NOTE: TWO or MORE EVALAUATORS REQUIRED

Topic # N90-378

Evaluator _____

Offeror GALILEO RESEARCH

NARRATIVE DISCUSSION OF STRENGTHS AND WEAKNESSES REQUIRED

Criterion

1. The scientific and technical quality of the proposal and its relevance to the proposal's stated objectives, with special emphasis on its innovation and originality.

RAW SCORE: 05

Narrative Justification:

Strengths: DESIGN IS INNOVATIVE AND SHOWS ORIGINALITY

Weaknesses: PROPOSAL LACKS DETAIL ON OPERATION, COMPONENTS, AND PREDICTED PERFORMANCE.

2. Qualifications of the principal investigator, other key staff, and consultants, if any, and the adequacy of available or obtainable instrumentation and facilities.

RAW SCORE: 05

Narrative Justification:

Strengths: —

Weaknesses: NO AVAILABLE FACILITIES. QUALS ARE INADEQUATE FOR PROPOSED EFFORT OF DEVELOPMENT.

3. Anticipated benefits of the research or development to the total DOD research and development effort.

RAW SCORE: 05

Narrative Justification:

Strengths: NONE

Weaknesses: IF PROVEN FEASIBLE, I SEE NO CLEAR CUT ADVANTAGE OVER ENGINES BEING CURRENTLY DEVELOPED.

Attachment A

COMPETITION SENSITIVE

SMALL BUSINESS INNOVATION RESEARCH PROGRAM
SCORE SHEET

Topic # N90-378

Evaluator _____

Offeror GALILEO RESEARCH

4. Adequacy of the proposed effort to show progress toward providing the feasibility of the concept.

RAW SCORE: 05

Narrative Justification:

Strengths: —

Weaknesses: NO DETAIL PROVIDED ON HOW FEASIBILITY WOULD BE PROVEN.

5. Cost to the government, including reasonableness of cost.

** NOTE: This item should be looked at and considered, where technical evaluations are essentially equal in merit, cost to the government will be considered in determining the successful offeror and comments made below.

General Comments if required or desired: INTERESTING DESIGN ALTHOUGH THE PROPOSAL LACKS THE DETAIL I NEED TO DETERMINE BENEFITS OVER CURRENT ENGINES. NO EXPLANATION OF HOW FEASIBILITY WOULD BE PROVEN.

Attachment A

COMPETITION SENSITIVE

30 July 90
Date

SMALL BUSINESS INNOVATION RESEARCH PROGRAM
PHASE I SCORE SHEET

NOTE: TWO or MORE EVALAUATORS REQUIRED

Topic # N90-378

Evaluator _____

Offeror Galileo Res.

NARRATIVE DISCUSSION OF STRENGTHS AND WEAKNESSES REQUIRED

Criterion

1. The scientific and technical quality of the proposal and its relevance to the proposal's stated objectives, with special emphasis on its innovation and originality.

RAW SCORE: 15

Narrative Justification: Detail lacking

Strengths: Semi-innovative and addresses the technical objectives briefly

Weaknesses: Lacks detail in a number of areas.

2. Qualifications of the principal investigator, other key staff, and consultants, if any, and the adequacy of available or obtainable instrumentation and facilities.

RAW SCORE: 0

Narrative Justification: Poor quals. and no facilities

Strengths: No significant strengths

Weaknesses: Personnel (one) lacks engineering degree. Quals. are not adequate for effort. Facilities are nonexistant at this time.

3. Anticipated benefits of the research or development to the total DOD research and development effort.

RAW SCORE: 5

Narrative Justification: No advancement, applications may be possible.

Strengths: No significant strenghts

Weaknesses: No advancement over present state of the art is likely. Some applications possible.

Attachment A

COMPETITION SENSITIVE

SMALL BUSINESS INNOVATION RESEARCH PROGRAM
SCORE SHEET

Topic # N90-378

Evaluator _____

Offeror Galileo Res.

4. Adequacy of the proposed effort to show progress toward providing the feasibility of the concept.

RAW SCORE: 2

Narrative Justification: Feasibility assessment is lacking

Strengths: Drawings followed by computer modeling.

Weaknesses: Effort leaves much to be desired in assessing the concepts feasibility

5. Cost to the government, including reasonableness of cost.

** NOTE: This item should be looked at and considered, where technical evaluations are essentially equal in merit, cost to the government will be considered in determining the successful offeror and comments made below.

General Comments if required or desired: _____

Attachment A

Key To SBIR Evaluation Sheets

The narrative description of strengths and weaknesses required was scored in the following manner:

Criterion	Highest Possible Score
1	40
2	20
3	20
4	20
TOTAL	100