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NPIC/P&DS/D/6-871
30 March 1966

MEMORANDUM FOR: Chief, Support Systems Section, Development Branch
Plans and Development Staff

SUBJECT: Evaluation of Unsolicited Proposal [redacted]
[redacted]

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1. [redacted] has submitted a proposal for "Needs Analysis and Solution Analysis for a High Precision Stereo Comparator" to be completed in two months at an estimated cost of [redacted]. Under Contract [redacted] this corporation has analysed problems for NPIC such as: the physical and metallurgical properties of materials for measuring engines, vibration levels and structural rigidity compatibility with submicron measuring requirements, and the use of laser interferometers for measuring lengths. The proposed study would cover the various input requirements and define a system to optimize the output.

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2. The proposed study of the various needs such as: operator, maintenance, computer, training, precision and rapidity have been adequately covered in the design objectives or the two feasibility studies by [redacted]. The desired inputs and outputs can easily be worked out between TID, IPD, the Contractor, and the Project Monitor.

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3. Present indications are that the proposed study would not contribute a great deal to the planned stereo comparator program. The past performance of [redacted] has been very good and if funding is available, it is suggested that they study means of controlling environmental conditions more closely in NPIC or at least in certain work areas. Another area that could be investigated is film and emulsion characteristics: stability, grain size, low contrast resolution, effect of environmental changes when film is vacuum clamped to glass plate, etc.

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[redacted]

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Enclosure 1: [redacted]

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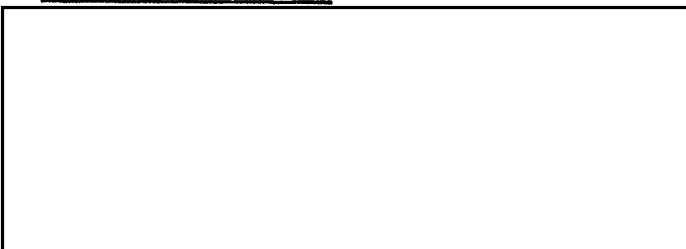
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Mailing Address

March 1, 1966



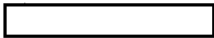
P. O. Box 8043
Southwest Station
Washington, D. C. 20024

Subject: Proposal for "Needs Analysis and Solution Analysis
for High Precision Stereo Comparator"

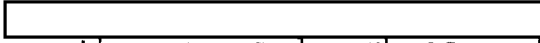
Reference: Contract 

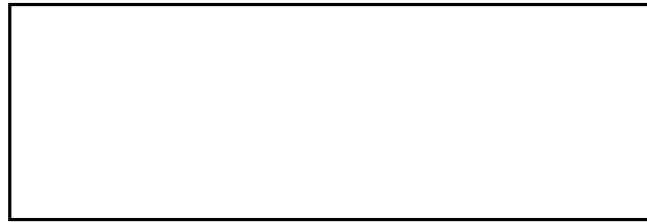
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Dear Sir:

As a result of some of our recent studies in connection with the subject contract, it appears that an engineering "Needs Analysis and Solution Analysis" would be the most logical procedure for the preparation of a set of technical specifications for procurement of a High Precision Stereo Comparator. We therefore propose that we make such analyses and prepare therefrom technical specifications as described in enclosure a and b. The estimated cost is  and the estimated delivery time is two months.

We would be happy to perform the proposed work under an extension of scope of the subject contract or under such other contract arrangements as you may prefer.

 is uniquely qualified to perform the proposed work as we have been intimately involved with problem analyses closely associated with the High Precision Stereo Comparator since its inception. Enclosure c is a compilation of the abstracts of studies we have performed in this connection.



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Enclosure a Technical Discussion
Enclosure b Cost Estimate
Enclosure c Study Abstracts