

NPIC ROUTING SLIP

FROM:

Asst for Plans + Dev

DATE:

5 April

FOR YOUR

SIGNATURE

INFORMATION

COMMENTS

CONCURRENCE

APPROVAL

ACTION

SEE REMARKS BELOW

FILE

RETURN

SEE ME

TO INITIALS DATE

DIR

DEP/DIR

EXEC/DIR

ASST FOR OPS

ASST FOR ADMIN

STAT

ASST FOR P&D

CH/CSD

CH/PSD

CH/PD

STAT

CH/TID

SIO/CIA (PID)

SIO/ARMY

SIO/NAVY

SIO/AF

LO/DIA

LO/NSA

REMARKS:

① CTR 8 Apr

Chick: Signed material
on long design program to
this & M. O'Neil not only
agrees that there is no conflict
but also concurs in the
development as needed.

Return to

NGA Review Complete

CONSULTANT OBJECTIVE

P & DS REQUIREMENT FOR CONSULTANT SERVICES IN THE FIELD OF OPTICS

I. Introduction

Optical problems, ranging the gamut of simple to complex, confront the P & DS with a high degree of frequency. Presently the Development Branch, P & DS, has only one person with ~~academic~~ experience to resolve problems both simple and fairly complex. The EDL Branch, P & DS, has one person with experience in a selective field of optics. With the departure of the one person (military Staff assignment) now on the Development ~~Staff Branch~~, the Branch ^{will have} ~~has~~ very little *depth in* optical capability.

In any event, there is a stringent requirement for a consultant with the ~~highest~~ highest level of academic and practical experience in optics, who can offer guidance to the Staff in coping with the realm of optical problems it continually experiences. Considering the fact that better than 90% of all photographic exploitation equipment is used to present imagery to the eye, it is impossible to build instruments without optics of some degree of complexity. ~~With~~ With or without an in-house capability of solving many of these problems, it is always necessary to solicit a source which has at hand the state-of-the-art (or anticipated state-of-the-art) in the field of optics and to draw upon such current knowledge in order to design up-to-date instruments for exploiting the prospective in reconnaissance photography.

2. CONCEPT.

The P & Ds, Development Branch would contract with an individual of the required caliber for consultant services.

2.1 Purpose. This consultant service would be available ~~for~~^{for use} at the discretion of Staff members of the P & DS, either the Dev or EDL Branches, by coordination with their respective Branch Chief s.

2.2 Scope. The service would permit timely resolution of ~~insoluble~~^{difficult} optical

problems facing the Staff members or verification of approaches to problems or optical designs before launching a proposed project.

3. CONSULTANT DESCRIPTION

The individual should have the following qualifications:

3.1 He should be nationally known and respected in this particular field. Optics.

3.2 He should be either a director of an appropriate department of an industrial concern or the head of the department of a graduate school of a university or college; the preference would lean toward the latter as the individual would necessarily be intimately familiar with the spectrum of optical developments.

He, by virtue of his own schooling (no less than PhD), would be well founded in classical optics. He would have at his disposal the staff of professors under his direction to tap for specialized problems.