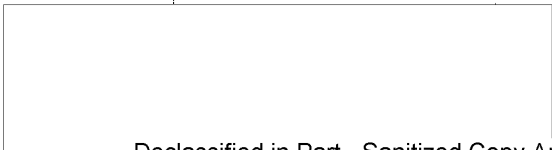


①

OPTICAL
TEST KIT



ILLEGIB

REQUIREMENT

Testing Instruments For Conformance to Specs
Present Procedures Unsatisfactory:

- Borrowed Equipment
- Non-Standardization
- Non-Repeatability
- Unreliable Devices

Need Someone To:

- Select
- Design
- Verify
- Guarantee Results

3

PROJECT

Test Kit

Devices for Standard Measurements and Tests:

Diopter Telescope 527

Resolution Target 265

Grids

Scales

To Measure:

Resolution

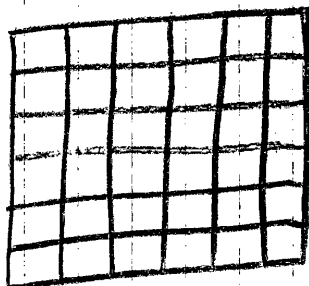
Field of View

Film Tension

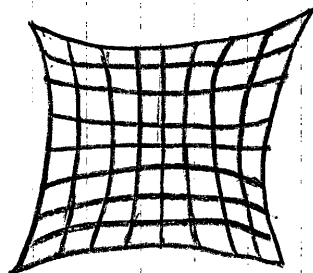
Magnification

Distortion

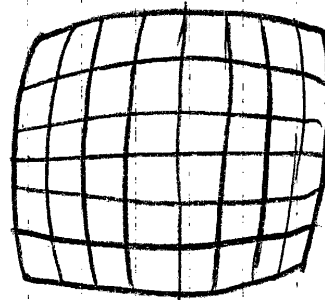
REPRESENTATIVE DEVICE



Grid



Pincushion
Distortion



Barrel
Distortion

5

APPLICATIONS

1540 Light Tables

Dual-Viewing Microstereoscope

Advanced Stereo Rhomboid

All Equipments Developed by RED

Community Interest

(6)

58
46
108

RESPONSE

15 Companies Solicited

13 No Bid

Capable But Non-Competitive

No Capability

2 Responses -



Cost Competitive
Inferior Product



Competitive - Cost and Technically
Optical Testing Procedures Contract



STAT

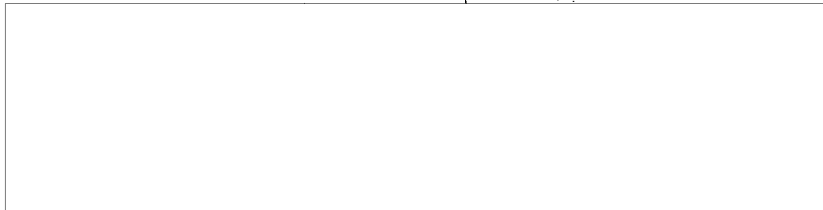
STAT

STAT

ILLEGIB

⑦

PROPOSAL

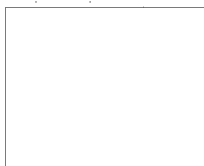


Provide Devices

Manual

Package

Production :



each in quantities of 5
each in quantities of 10-20

STAT

STAT

(S)

COST



STAT

Research Sources of Supply
Selection
Procure Individual Items

Design and Produce Custom Items

Astigmatism is orthogonality
translation

Testing
Design and Fabricate Package
Write and Produce Manual

No Duplication With Optical Testing Procedures Contract
Procedures vs. Implementation
Complements Rather Than Duplicates

RISK

Optical Testing Procedures Contract Prework
Standard Measurements and Tests
Preacceptance vs. Laboratory Measurements
Known Techniques
Low Risk

(10)

SUMMARY



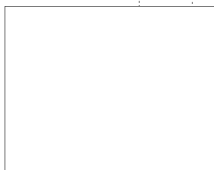
, Fixed Price

Targets, Reticles, Scales, etc.

Procedures Manual

Convenient Package

Production Costs:



each in quantities of 5
each in quantities of 10-20

STAT

STAT