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9 Sept

6 September 1963

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MEMORANDUM FOR THE RECORD

SUBJECT: One Day Trip to [REDACTED], Inc. on 5 September 1963 by [REDACTED]

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1. The trip was made primarily as an orientation trip for [REDACTED] to acquaint him with the facilities and personnel at [REDACTED]. 25X1A

2. Areas of discussion concerned design of the mechanical aspects of the plotter, servodrives and electronic design. The mechanical design appears to be well along and the contractor anticipates no problems in this area. The servodrives will be commercially available servomotors with modified drives to obtain the required speed of 1000" per minute. Lead screws - seven foot by 1½ or 2" diameter - one thread per inch. A discussion on the advisability of using servodrives over hydraulic drive ensued. It is felt considerable design work and breadboarding will be required to attain the speed and accuracy parameters as stated in the requirements. Interface between the special purpose computer (electronics) associated with the plotter and the facility general purpose computer was discussed. It is somewhat early in the contract life to arrive at any firm decisions on computer interface. However, it is gratifying to know these problems are recognized and will be phased into the program at the appropriate time.

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3. Commitments were that the Agency would provide the necessary vacuum for operation of the plotter. [REDACTED] will investigate paper holders, spindles, feed and take-up spooling. [REDACTED] will also design some sort of cutter - permanently attached - either a slot w/razor or wire type. Should be very inexpensive and no additional cost to contract.

4. Installation was discussed at length. Contract calls for normal installation, however, due to the size elevators in the building, the plotter will have to be assembled at the operation site. This possibly means disassembly after plant check-out, shipment, installation and assembly. All of which could result in additional contract costs. Component weights, sizes etc., will be furnished by the contractor so that necessary arrangements for GSA personnel and equipment can be planned for unloading and installing.

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[REDACTED]

DECLASSIFICATION REVIEW BY NIMA / DoD

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GROUP 1
Excluded from automatic
downgrading and
declassification