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[illegible] 25 Jan 1966

24 January 1966

CA-18558

Headquarters, Logistical Support Group (Provisional)
Headquarters Command
United States Air Force
Bolling Air Force Base, C.C.   20332

Attention: _____                    25X1

Subject:        Quotation for AP-3 Computer
                Maintenance Course

Gentlemen:

In accordance with your discussions with our _____ The      25X1
_____ offers to provide a           25X1
training course in AP-3 computer maintenance.   The course would be
three weeks in duration and would be provided for a class of from one
to four persons.   The class would be conducted at the _____acility in   25X1
_____   Suggested dates are 9 May 1966 through 27 May       25X1
1966.   The course is offered for a fixed price of _____            25X1

An Analysis of Estimated Engineering Cost is attached which provides
a cost breakdown.   Terms are net 30 days.   This quotation will remain
valid for a period of sixty (60) days from the date of this letter.

An outline showing the general scope of the course is attached.   The
course is intended for electronic technicians or personnel with equivalent
backgrounds who are familiar with general digital logic and circuitry and
basic electronic theory.   In addition to classroom sessions, training
sessions would be provided on the AP-3 computer itself, with actual
training in tracing waveforms, making adjustments and trouble shooting
the computer.

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Hqtrs., Logistical Support Group (Provisional)       24 January 1966       25X1
                                                     CA-18558

We look forward to hearing from you in regard to this proposal.   In any
negotiations resulting from this proposal,                                25X1
Division would be represented by the undersigned.   The telephone contact
is:  area code                                                            25X1
Contracts Administrator, on Extension 245.   If additional information is
desired, please do not hesitate to contact us.

Very truly yours,                                                         25X1

General Manager and Director

Attachments:   Analysis of Estimated Cost
               AP-3 Computer Maintenance, Course Outline

ECJ/ea

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Attachment
CA-18558

AP-3 Computer Maintenance

COURSE OUTLINE

1.  Introduction, general organization and operation of
    the AP-3 stereoplotter system

2.  Internal computer organization, whole-number and
    incremental sections

3.  Basic computer concepts; binary numbers, Boolean
    algebra, memory, stored-program principles

4.  Computer components; AND and OR gates, flip-flops,
    amplifiers, clock circuits, memory circuits,
    analog servo circuits

5.  Whole-number section; logic theory, control sequences
    in instruction execution, test programs, trouble-
    shooting techniques, routine tests and maintenance

6.  Incremental section; logic theory, programming,
    test programs, trouble-shooting techniques, routine
    tests and maintenance

7.  Special functions; digital and analog input-output,
    function generator, servos and step motors, control
    panels

8.  Class exercises  in locating and repairing malfunctions

9.  Review