

~~SECRET~~

NOT RELEASABLE TO FOREIGN NATIONALS

25X1

25X1

5 June 1957

25X1

In Reply Refer To:

25X1

25X1

25X1

Attention:

Subject: Proposal covering Development
of the Test Power Supply

25X1

Gentlemen:

25X1

is pleased to submit in accordance with
discussions between your representatives and those of
a formal proposal covering the development of a Power Supply to
be used with the equipment developed under Task I to Contract This
proposal consists of the following:

25X1

25X1

25X1

25X1

Exhibit "A" - Statement of Work

Exhibit "B" - Estimated Cost Breakdown

Exhibit "C" - Delivery Schedule

Exhibit "D" - Technical Discussion

It is anticipated that any contract resulting from this proposal will
be set forth as an additional Task to Contract and the estimated
cost and delivery schedule set forth herein may be considered firm for a
period of sixty (60) days from the date of this letter.

25X1

Requests for additional information relating to this proposal should
be directed to

25X1

Very truly yours,

25X1

25X1

Enclosures

Vice President, Engineering

NOT RELEASABLE TO FOREIGN NATIONALS

~~SECRET~~

25X1

SECRET

NOT RELEASABLE TO FOREIGN NATIONALS

EXHIBIT "A"

25X1

5 June 1957
Page 1 of 1

STATEMENT OF WORK

Item 1 - Design and develop the [] Test Power Supply in accordance with
Specification No. [] as modified and supplemented by
Exhibit "D" of this proposal.

25X1

25X1

Item 2 - Fabricate 3 each of the Power Supplies developed under Item 1.

Note: Contractor has set forth a unit price per each for
these Power Supplies and the Government may buy any
quantity up to three for the unit price indicated.

Item 3 - 1 each informal instruction manual shall be furnished with each
Power Supply delivered.

NOT RELEASABLE TO FOREIGN NATIONALS

SECRET

Page Denied

Next 2 Page(s) In Document Denied

SECRET

25X1

NOT RELEASABLE TO FOREIGN NATIONALS

EXHIBIT "C"

25X1

5 June 1957
Page 1 of 1

DELIVERY SCHEDULE

- Item 1 - Completed within three months after receipt of contractual coverage.
- Item 2 - 1 per month after completion of Item 1.
- Item 3 - Concurrent with delivery of equipment under Item 2.

NOT RELEASABLE TO FOREIGN NATIONALS

SECRET

SECRET

25X1

NOT RELEASABLE TO FOREIGN NATIONALS

EXHIBIT "D"

25X1

5 June 1957
Page 1 of 2TECHNICAL DISCUSSION

As is the case with most miniaturized equipment, servicing of the [] unit can prove to be quite inconvenient unless special test equipment is provided. In recognition of this problem a development specification for [] Test Power Supply, Specification No. [] was issued by the contracting agency.

25X1

25X1

25X1

The purpose of the equipment outlined is to supply the voltages necessary for operating any or all of the [] subassemblies. At the same time it will meter the voltages and currents so supplied. It is the intent of Contractor to adhere closely to the provisions of the specification with the supplements and modifications listed below:

25X1

The Test Power Supply shall provide all DC operating voltages required for operation of the [] in both the transmit and receiving modes. Voltages shall be supplied through power transfer plugs presently mounted on the [] chassis. Switches shall be provided on the Test Power Supply so that heater voltage may be applied to all units on an individual basis.

25X1

25X1

The following voltages, regulated as required by the [] shall be supplied:

25X1

400 volts,	150 ma	unregulated	Power Amplifier Plate Supply
200 volts,	70 ma	regulated	B+
50 volts,	25 ma	regulated	Bias and Receiver B+
14 volts CT,	5 amp	variable	Heaters, LVPS Test, and Battery Charging

The Test Power Supply shall operate from 120 and 220 volt, 50 to 60 cps lines. Input voltage variations of $\pm 20\%$ shall be accommodated by the use of a voltage regulating device in the input line.

Bias voltage and current shall be continuously monitored. Additional voltmeters shall be supplied as required to monitor the remaining supply voltages. A switchable current meter shall be provided for measuring the input current to individual units, and the total +200 and +400 volt line currents. A third instrument shall meter the 14 volt supply line. All supply voltages shall be separately switched, the B+ voltages being interlocked with the 50 volt bias line.

NOT RELEASABLE TO FOREIGN NATIONALS

SECRET

SECRET

25X1

NOT RELEASABLE TO FOREIGN NATIONALS

EXHIBIT "D"

25X1

5 June 1957

Page 2 of 2

It is Contractor's intent to supply equipment of the highest quality incorporating the best of components and materials available. JAN approved parts shall be employed wherever favorable. Components of new or advanced design shall be employed when they contribute materially to characteristics and performance of the equipment.

Drawings to be supplied shall be limited to engineering sketches containing sufficient data for fabrication of additional units.

Contractor is presently submitting monthly letter reports describing progress on the various Tasks of this contract. Performance under any Task resulting from this proposal will be included in the progress reports covering other Tasks.

NOT RELEASABLE TO FOREIGN NATIONALS

SECRET