

EAR-0370
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FOLLOW ON PROGRAM

ELECTROMAGNETIC RECONNAISSANCE SYSTEMS

J-1940B

BUDGET ESTIMATES

29 APRIL 1964

Contents hereof, constituting budgetary cost information and attendant special considerations, are submitted as an interim response to SPO Request for Proposal dated 20 March 1964.

BUDGETARY ESTIMATE FOR EMR SYSTEMS
&
ASSOCIATED ITEMS

<u>Item #</u>	<u>Description</u>	<u>Estimate *</u>
1	Six (6) EMR Equipments	24.7
2 (a)	Spare Parts Provisioning for Item 1	.1
3	Three (3) Operational AGE Equipments	4.6
4 (a)	Spare Parts Provisioning for Item 3	.1
5 (a)	Preliminary Effort Associated with ANA Bulletin 445, Special Studies and ECP(s)	.1
6	Data (Handbooks, Drawings and Monthly Progress Reports)	.6
7	Training	.2
8	Special Tooling, Facilities, etc. for Production Effort and Depot	2.7
9	Vehicle Integration	.3
10	Procurement of DPOD Computer (SDS 910)	.2
	Estimate for above items	33.6

INITIAL ESTIMATE OF RESERVE FOR PRESENTLY UNDEFINED AREAS

2 (b)	Spare Parts for Item 1 (EMR Systems)	8.1
4 (b)	Spare Parts for Item 3 (OPS AGE)	.6
5 (b)	Actual Effort Associated with Group (Class) I changes in Conformance with ANA Bulletin 445, Special Engineering Studies and Engineering Chg. Prop. (ECP's)	.5
	Initial Estimate for undefined areas	9.2

* Figures reflect dollar amounts in millions

FISCAL YEAR EXPENDITURES

EMR SYSTEMS

<u>Item</u>	<u>FY 64</u>	<u>FY 65</u>	<u>FY 66</u>	<u>FY 67</u>	<u>Total</u>
1 Six (6) EMR Equipments	.3	11.0	13.2	.2	24.7
2 (a) Spare Parts for Item 1-Prov.		.1			.1
3 Three (3) Oper. AGE Equip.	.2	3.1	1.3		4.6
4 (a) Spare Parts for Item 3-Prov.		.1			.1
5 (a) Prel. Effort Assoc. with ANA Bulletin 445, Eng. Studies and ECP's		.1			.1
6 Documentation	.05	.4	.1	.05	.6
7 Training		.1	.1		.2
8 Spec. Tooling, Facil., etc.	.2	1.7	.8		2.7
9 Vehicle Integration			.3		.3
10 Proc. of DPOD Comp. (SDS 910)		.2			.2
TOTAL	.75	16.8	15.8	.25	33.6
2 (b) Spare Parts-Item 1 (EMR)		2.5	4.5	1.1	8.1
4 (b) Spare Parts-Item 3 (OPS AGE)		.1	.5		.6
5 (b) Actual Effort Assoc. with ANA Bulletin 445, Eng. Studies and ECP's		.5			.5
TOTAL		3.1	5.0	1.1	9.2

SPECIAL CONSIDERATIONS

Item No. 1

Description: Six (6) EMR Systems

Conditions: Proposal is submitted on the basis that all engineering changes prior to the design freeze (this will include selected environmental tests, integration and mock-up tests which are part of the present six (6) vehicle program obligations) will be incorporated into the six (6) production systems as a burden to the contractor. Changes incorporated subsequent to the design freeze, said design freeze having been established as time of vehicle and integration test completion immediately prior to entry into Cat. I, will be incorporated in accordance with ECP procedure and costs will accordingly be borne by the Government.

Item No. 2

Description: Spares for EMR Systems

This contractor has divided this item into two (2) separate areas, specifically:

1. An amount for the provisioning effort attendant to the establishing of spares requirements, same having been incorporated under the Associated Items as "Item 2 (a)", and
2. The actual spares acquisition cost which at this time remains an unknown but for which a reserve has been indicated under "Item 2 (b)".

Note: The reserve indicated under "Item 2 (b)" is intended to provide support for an initial one (1) year period - depletion allowances beyond this point have not been taken into account hereunder.

Item No. 3

Description: Operational AGE Equipments - Three (3) each

Pursuant to the 23 March 1964 conference conducted at the SPO, this contractor's proposal provides for the development and fabrication of three (3) ea. Operational AGE equipments, said equipments to be utilized as follows:

- 1 system remains at Contractor's facility
for check-out of EMR Systems.
- 1 system to be located at CPC
- 1 system to be deployed with MPC

Item No. 4

Description: Spares of OPS AGE Equipment

The contractor has divided this item into two (2) separate areas, specifically:

1. An amount for the provisioning effort attendant to the establishing of spares requirements, same having been incorporated under the Associated Items as "Item 4 (a)", and
2. The actual spares acquisition cost which at this time remains unknown but for which a reserve has been indicated under "Item 4 (b)".

Note: The reserve indicated under Item 4 (b) is intended to provide support for an initial one (1) year period - depletion allowances beyond this point have not been taken into account hereunder.

Item No. 5

Description: Cr. (Cl) I changes as defined in ANA Bulletin 445,
Engineering Studies and Engineering Changes

This contractor has divided this item into two (2) separate areas, specifically:

1. An amount for the preliminary investigation associated with either of the required tasks which would be limited to a preliminary definition of the approach that is to be taken and an associated budgetary cost. The aforementioned preliminary investigation and budgetary cost would be of sufficient definition to permit Contracting Agency evaluation and direction along the lines of proceeding with the effort or discontinuing same. These preliminary investigation costs only have been included under Item 5 (a) and,
2. Under Item 5 (b) of the "Reserve for Presently Undefined Areas" this contractor has listed an estimated amount for the actual accomplishment of engineering studies and ECP (s).

Item No. 6

Description: Data

- A. Handbooks: The Operational Handbooks will include the following documents:
1. Supplement to Vehicle Flight Manual
 2. Flight Line Operation & Maintenance Handbook
 3. Field Shop/Depot Operations & Maintenance Handbook
 4. AGE Operation & Maintenance Handbook
- B. Drawings: The proposal submitted hereunder reflects the delivery of one (1) ea. sets of reproducible and reproduction type copies.
- C. Progress Reports: The proposal submitted hereunder reflects the submission of Monthly Fiscal and Technical Progress Reports only.

Item No. 7

Description: Training

In all cases where applicable, course content, format and method of presentation will be similar to that covered in Cat. II training utilizing the same instructors for classroom lectures. Length of course preparation time is based on these assumptions.

The budgetary estimate includes the development of all necessary static training aids and classroom handout material. It does not include any simulators or Mobile Training Units (MTU) or exotic teaching devices (closed circuit TV, Teaching Machines, etc.). Use of an actual EMR and AGE System on a GFE basis is assumed.

Item No. 8

Description: Special Tooling, Facilities, or equipment required (i) for production of Items I and III and (ii) to provide Depot maintenance at the operating location.

The budgetary estimate submitted hereunder reflects a best assessment of the overall equipment complement available as of this date. Specific listings of the required equipments will be submitted with the forthcoming firm quotation.

Item No. 9

Description: Air Vehicle Integration

The budgetary proposal reflects the basic assumption that this contractor will be permitted the utilization of field shop equipment at EAFB or BAFB where same is required to support the vehicle integration operation. It is not intended that a field shop be set up and outfitted at the integration site.

Item No. 10

Description: Procurement of DPOD Computer (SDS 910)

Budgetary quotation reflects the conversion of the DPOD
Computer from the present "rental" status to a "buy"
category.