



RCCT.950320.014

HEADQUARTERS
ARMY CHEMICAL CENTER
MARYLAND

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IN REPLY REFER TO:
CMLET-T

31 May 1949

WD

SUBJECT: Permanent Proving Ground at Dugway

TO: Chief, Cml C Research and Engineering Division
Field Office, OCCmIC
Army Chemical Center, Maryland

1. References:

a. Letter, OCCmIC, Field Office, Subject: "Facilities for Radiological Warfare", dated 22 March 1949, file CMLWR-En-2-001 RW.

b. Letter, OCCmIC, Field Office, Subject: "Facilities for Permanent RW, BW and CW Proving Ground at Dugway", dated 4 May 1949, file CMLWR-En-2-001 RW.

c. Letter, OCCmIC, Field Office, Subject: "Facilities for RW Field Test Site at Dugway Proving Ground", dated 28 April 1949, file CMLWR-En-2.

2. The estimates contained in this letter are submitted in accordance with paragraph 1b. of reference 1a., and paragraph 2 and 3 of reference 1b. Completed RDB Form 4's are attached to substantiate the fund estimates.

3. The establishment of a proving ground for CW and RW materials is required in order to evaluate the effectiveness of the newer agents which are now available and those which are under development. "Large scale and extensive tests with GA and GB are planned for Dugway immediately that facilities are available. (These tests will include the standard munitions, new munitions under development and new methods for dispersing agents.) Special emphasis is to be placed on new methods of dispersing the agent to form effective aerosol and carrier clouds. Both the RW and CW programs for dispersing agent material will require areas such as those available at Dugway Proving Ground, (several miles in extent and well isolated from habitation). The proposed tests include the dispersion of materials from all types of bombs, projectiles, missiles, thermal generators and dispersers. Tests will be by dropping from airplanes at varied heights and speeds or by other dynamic methods pertinent to the material being tested."

600-1 Dugway Proving Ground

No 1599 29

TC-S-807



DOWNGRADED AT 5 YEAR INTERVALS;
NOT AUTOMATICALLY DECLASSIFIED;
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4. The following assumptions have been used in arriving at the estimates:

- a. All buildings to be new construction, permanent type, except certain permanent igloos and magazines in the toxic gas area, and German and Japanese prototype buildings which require repair.
- b. Electrical power for the camp site and field test areas will be provided from a central source located in the camp area.
- c. Several central heating plants will be provided for heat, steam and hot water in the various areas such as GPI one and three, technical area, headquarters and housing areas.
- d. Estimates of buildings costs were calculated at \$18.00 per square foot for warehouse type buildings, and \$25.00 per square foot for most other type buildings. Certain special buildings were treated separately. Above figures are based on the premise that no railroad will service Dugway Proving Ground, and freight will be trucked in.
- e. It is assumed that funds requested in reference 1c. will be provided. If the funds for the short term program have not been provided, the present estimate must be increased by that amount to provide for the permanent installation.
- f. All facilities requested in the short term program can be used in the permanent set up provided they are located in the area or areas decided upon for the permanent installation.
- g. Estimates are based on officer and civilian personnel totaling four hundred fifty (450), of which seventy percent (70%) will require family quarters. Enlisted personnel, four hundred forty (440), of which ten percent (10%) will require family quarters. This is in addition to the estimate submitted for the short term RW program, and must be added to it to arrive at a total personnel figure.

5. Summary of the estimated funds required for:

Technical facilities	\$ 3,400,800.
Utilities	2,600,000. (3,700,000)
General Post facilities	2,566,800.
Housing	5,570,000.
Community facilities	900,000.
	<hr/>
	\$15,037,600.

FOR THE COMMANDING GENERAL:

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Incls- RDB Form 4's

John A. MacLaughlin
JOHN A. MacLAUGHLIN
Colonel, Cml C
Commanding
Technical Command

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