

Mr. SANDWEG. Who prepared them?

Mr. SWOFFORD. I don't know.

Colonel JOHNSTON. I believe these were prepared by the procurement and distribution system of the Signal Corps. This is the contracting side of the house. I am not sure. This original presentation was under the auspices of the Deputy Chief of Staff for Logistics, and for that reason I believe that the information was prepared by the logistics people. I will check and find out.

Mr. SANDWEG. As Mr. Norblad indicates, we certainly received a different impression from the material we read. Perhaps there wouldn't have been any question about the contract itself had it not been improperly written.

Mr. HARDY. Let me ask a couple more questions about this thing. How long did this contract run?

Mr. SWOFFORD. It ran 9 months in the field and 3 months in preparation of the material.

Mr. HARDY. And primarily it was a matter of measuring the energy?

Mr. SWOFFORD. Measurement of energy, but remember, sir, it was more than just this one transmitter. It turned out it was all of the transmitters in the whole complex and this is a tremendous job.

These transmitters are changing frequency from hour to hour and it does take a tremendous amount of time and skill.

Mr. HARDY. Well, actually he comes up with a finding that you have got two danger areas, one is under the antenna and I don't know what this other thing is that you have got here.

Mr. NORBLAD. A balen.

Mr. SWOFFORD. That is a transformer device.

Mr. HARDY. But it took them 9 months to complete the measurements on this thing and then 3 more months to make the evaluation; is that right?

Mr. SWOFFORD. Yes, sir. I think by the nature of this transmitter it was necessary that the fellows spend a little more time in the field than they would normally do because we had to get clearances for every test, every frequency, and there were times when the transmitter was down for maintenance and there were delays, unavoidable delays.

Mr. HARDY. How many men did they have working on it?

Mr. SWOFFORD. A total of nine on the contract, six in the field, no less than two on the job at a time.

Mr. HARDY. And it took them a whole year. By George, they lost money, didn't they.

Mr. SWOFFORD. I think we got our money's worth.

Mr. HEBERT. Next contract, please.

Mr. SANDWEG. Other contracts that are pretty much in the context of the area that we have mentioned here are as follows:

(The documents above referred to are as follows:)

Realm of contract: Effort type (best effort).

Identity of contractor: Atlantic Research Corp., Shirley Highway and Edsall Road, Alexandria, Va.

Cost of contract: \$57,447.

Subject matter: Analysis of 81 millimeter mortars M-29 and M-23A3 for the purpose of defining certain elements in the performance of the present mortars and collecting a new body of data to be used in the proposed design and development of an improved medium mortar.