

# COMMUNICATIONS STUDY REGARDING NARCOTICS

## CONTROL ACTIVITIES IN LEBANON

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### Foreword:

At the request of AID/W and, as directed in STATE 157108 which provided guidelines for the study, a seven day TDY was completed in Lebanon (September 19 to 27, 1973). The purpose of this report is to summarize the information gathered during the TDY and, possibly, to provide suggestions concerning various ways the funds appropriated for assistance to the Government of Lebanon (GOL) for Narcotics Control could be utilized.

### General:

The U. S. interest in Narcotics Control in Lebanon is handled by the Drug Enforcement Agency (DEA). This Agency maintains a small office in the U. S. Embassy, and its personnel are in contact with the Lebanese Customs and with the Internal Security Forces (ISF); see Organization Chart on pages 10 and 11. Efforts were made to coordinate the communications systems of both of the GOL agencies involved in Narcotics Control activities; however, it was found that strong opposition to this concept by both agencies made it impossible to pursue this course of

action. For this reason, parallel studies were conducted with each agency independently. This report will, therefore, cover the possible use of funds for the Customs and separately for the ISF.

It should be noted that the limitations imposed by the very small amount of funds appropriated for this project do not permit any design of elaborate nets or the purchase of equipment sufficient for full country coverage. As explained later, the ISF have provided for this and the U. S. contribution can only be an addition to their own project. For the Customs, a small local net in a location agreed upon by both parties (GOL and USG) is the best that can be offered. Support of Customs at this time and within the Beirut area is believed warranted. It would not duplicate or parallel existing or planned ISF radio networks. It should be pointed out that the proposed Customs radio net may be utilized as a private telephone system for the senior officials and diverted to some extent from its primary purpose.

Support of the ISF might be providing assistance to their Narcotics Bureau considerably prior to the date when they will be equipped by the GOL. The chances of the U. S. provided equipment being diverted to activities other than Narcotics Control, however, are great. The U. S. input would be miniscule as compared to the new GOL purchased radio system. Little leverage, therefore, could be exerted to insure the

proper utilization of the U. S. equipment provided.

A) CUSTOMS

The current complement of this Agency is 1,500 - to be increased to 2,000 in FY 1974. It is organized in three Regional Divisions (Directorate General in Beirut):

1st Region	Beirut and Lebanon South
2nd Region	Tripoli and Lebanon North
3rd Region	Chtaura and area East of mountains

The Customs lists 60 vehicles and 12 boats as available for their operations. Great reluctance was found to permit an exact determination of how much of that fleet of vehicles and ships is in good operating condition. From various inquiries made with a number of their officers, it is reasonable to base any planning on the availability of six boats and 50 vehicles. The vehicles are not assigned to any specific region and are made available as operations require.

Communications are non-existent. By their admission, Customs is faced with a total lack of technical capabilities in the telecommunications field and have junked all the equipment they had two years ago. This equipment consisted of old FM mobiles and base stations and a few single sideband (SSB) transceivers. Previous attempts to establish a contract for radio maintenance with Italian firms, British, and others were unsuccessful. Customs is well aware that

should they receive telecommunications equipment from the U. S., they would be required to have a contract with a reputable firm in Lebanon for the equipment installation and maintenance. The planned establishment by a U. S. firm, Motorola, of a fully equipped and fully manned service shop in Beirut would make this possible. Customs officials, when questioned about the availability of funds for this purpose stated, that their budget was sufficient to fulfill this requirement.

During a visit with the Director General of Customs, Mr. Antoine Moussali, and his assistants, it was explained that U. S. support, if mutually agreed upon, would be limited to equipment for the Beirut area. Beirut was chosen by the GOL as the most appropriate location. Mr. Moussali indicated, however, that a great deal of additional communications equipment would be sought and that Beirut should be considered for the initial U. S. input.

The proposed Beirut net would consist of the following:

- 3 VHF/FM base stations
  - 1 at Airport
  - 1 at Customs Warehouse at the Port
  - 1 at Directorate General Headquarters
- 3 VHF/FM transceivers on Customs patrol boats
- 5 VHF/FM transceivers for vehicles which would remain in Beirut

10 Portable VHF/FM transceivers

Accessories and spare parts.

Detailed specifications are given on pages 12 and 13.

B) INTERNAL SECURITY FORCES

Information regarding the ISF complement could not be obtained without special authorization from the Ministry of Interior - this applies to just about every item involving the ISF. From information provided by DEA personnel, it is estimated that the total ISF force is approximately 8,000 distributed as follows:

Beirut Police	2,300
Gendarmerie	5,000
Judicial Police	700

As shown by the organization chart of the ISF (pages 10 and 11), the Narcotics Bureau is part of the Judicial Police - its current force of 40 is to be increased to 60 in FY 1974. Fourteen vehicles are assigned to the Narcotics Bureau.

ISF Telecommunications Section

The Telecommunications Section is part of the Technical Division of the ISF. It is headed by a very competent officer, Captain Selim Goshn, who has revamped the entire section and has been given "carte blanche" for the establishment of a nationwide VHF/FM radio system. This system was designed

in cooperation with a U. S. firm, Motorola. The GOL funds allocated to this project are in excess of two million dollars. The GOL has contracted for installation supervision and availability of an up-to-date service shop in Beirut. The shop must be capable of backing up the warranty on the equipment purchased. The restrictions placed by the Ministry of the Interior on disclosures of full details applying to the planned radio network did not permit a thorough evaluation. The following general information was provided:

Lebanon will be divided into six regions plus the Beirut area.

The six regions are:

Tripoli	Saida
Junieh	Baabda
Zahle	Baalbeck

Each region will have a Communications Center with coverage in the entire region and access to other Centers. Communication with vehicles in any part of the country will be possible through a chain of mountain top repeaters (the location of the repeaters was classified by the GOL). A Command Center in Beirut will be the heart of the system and control the Beirut Police activities as well.

The Motorola equipment is expected to arrive in country within 60 days. Completion of the entire net is expected within one year.

The ISF have a radio repair shop manned by 25 electronic technicians at their Beirut Headquarters. The shop is equipped with modern test equipment and the personnel appear to have achieved a high level of technical competence and are fully capable of maintaining their existing radio equipment.

ISF Narcotics Bureau

During the various visits with Captain Goshn, it was emphasized that any potential U. S. equipment input would be given strictly for the support of Narcotics Control activities. Captain Goshn disclosed that the ISF has established priorities for the support of their operations and that narcotics activities were low on the list. Based on these priorities, the ISF would not allocate radio equipment to the Narcotics Bureau for another two years. However, he emphatically stated that if U. S. support was offered, the equipment would definitely be assigned to the Narcotics Bureau. At this point, no unilateral decision could be made as to specifically what equipment would be offered. Having in mind that the USG support would go either to Customs or to the ISF, it was indicated to Captain Goshn that the funds available would permit only limited assistance. In view of the new two million dollar network planned for Lebanon, the GOL stated that any

equipment purchased would have to be Motorola and models identical to those they will receive.

The ISF have stated that radios assigned for Narcotics Control activities may not at all times be reserved for these duties. Many emergencies occur in Lebanon and, under certain circumstances, the operational needs may be such that the radios would be diverted to other activities at least on a temporary basis. For this reason, the ISF will not accept any radios which do not provide the full capability of being used in any Police activity.

The matter of Customs integration in the ISF net was repeatedly brought up but flatly turned down. The ISF, however, stated that Customs could always have access to their net and transmit messages at any Police post in the country or request use of mobile stations for passing messages when required. Most of the Customs fixed posts are located next to Gendarmerie posts and use of the ISF net is not discouraged.

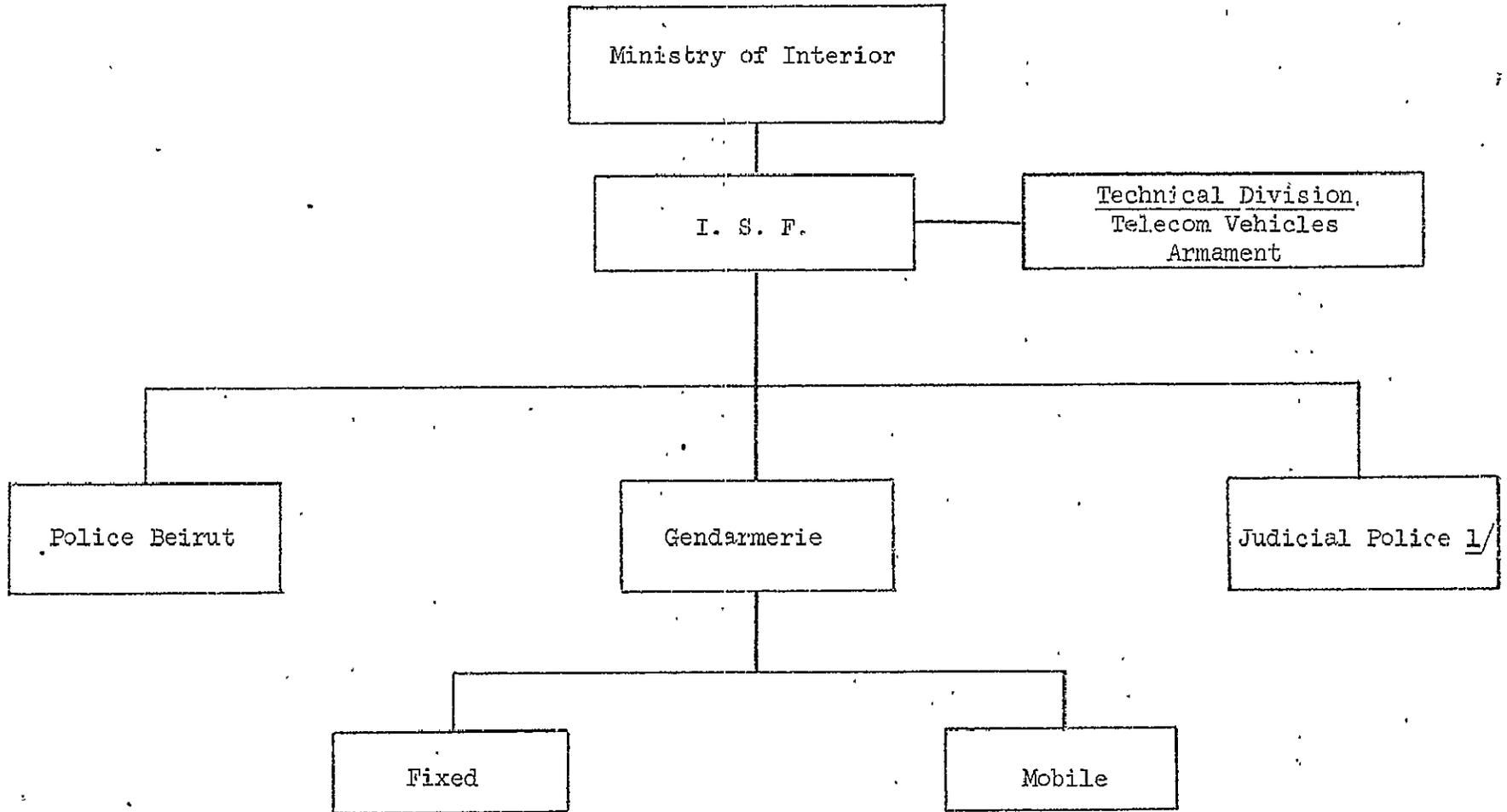
Should U.S. support be given to the ISF, a detailed list of equipment has been prepared on page 14.

C) MOTOROLA

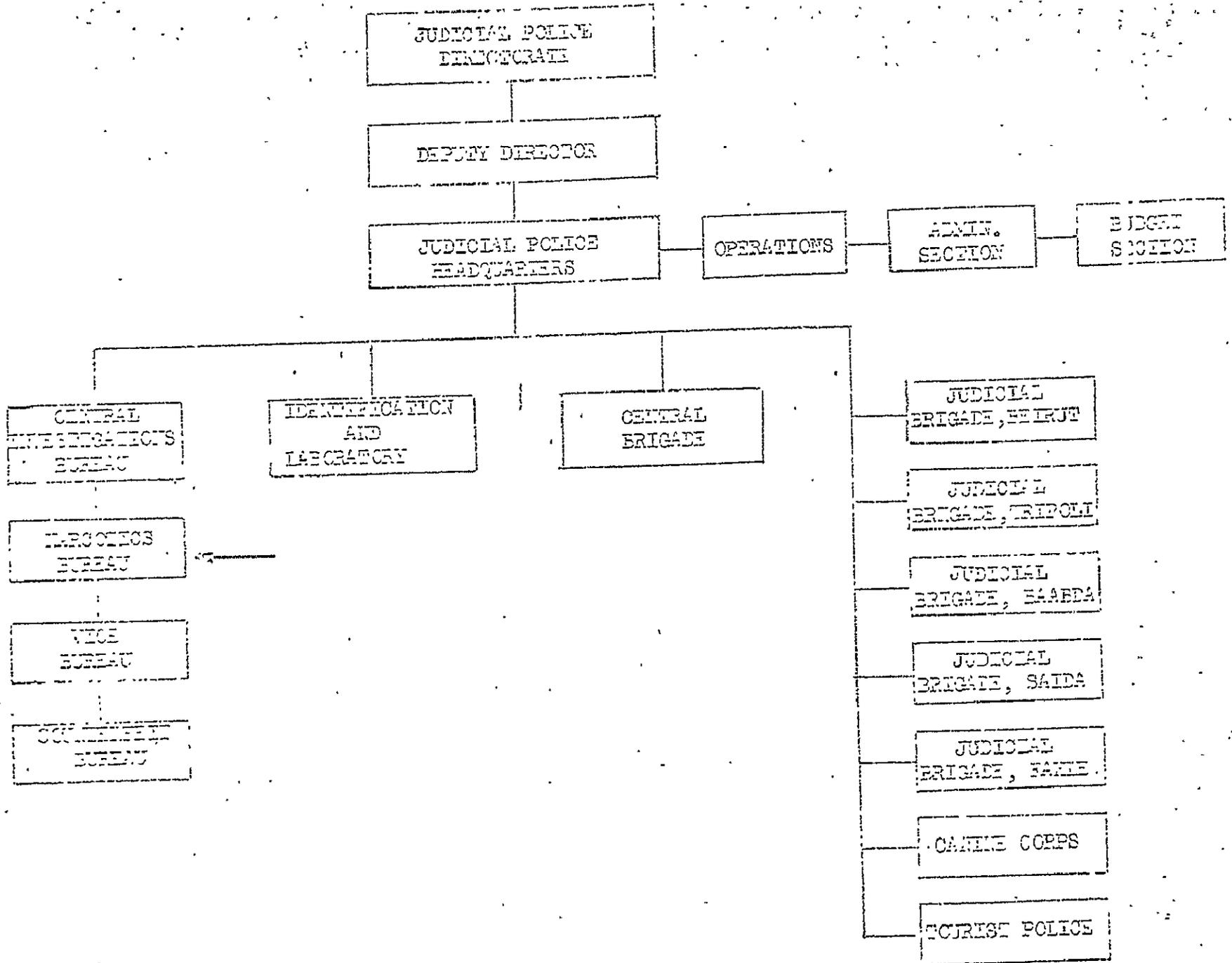
Motorola Company was on the "black list" in Lebanon, having maintained a factory in Israel. Under strong recommendation of the ISF Technical Division, the GOL agreed

to use a provision in the Lebanese laws allowing exceptions when the national interest is at stake. Motorola was thus given full latitude to open offices, recruit personnel and establish a complete service shop in Beirut. This shop will be operative in 60 days. A maintenance van is already in Beirut, test equipment en route, two U. S. service engineers in residence, and local technicians hired. A former Lebanese Air Force Major, Mr. Bou Abdullah, is in charge of the Motorola operations in Lebanon.

# I. S. F. ORGANIZATION CHART



1/ Detailed chart of Judicial Police Page



EQUIPMENT SPECIFICATIONS FOR CUSTOMS

NOTE: Motorola equipment is specified because of the installation and maintenance contract required, should the allotted funds be assigned to Customs. Motorola is the only firm in Beirut which would have the personnel and the service shop needed to fulfill such a contract.

<u>Item</u>	<u>Quantity</u>	<u>Description</u>	<u>Estimated Cost (Unit)</u>	<u>Total</u>
1	3	Console Base Station, two channel, standard squelch, narrow band, VHF/FM 50W RF output power, power supply 220 V, 50 cycles, Motorola Model L52MHK1190M, complete with desk microphone. Operating Frequencies: Channel 1 - 70.3 MHz Channel 2 - 70.6 MHz	994.00	2,982.00
2	3	Slim profile omnidirectional antenna, 66-88 MHz band, Motorola model TDC6020A, including TDN6075A mounting clamp, for operation at 71 MHz.	105.00	315.00
3	1	1,000' roll, 1/2" foam heliax transmission line	.70 per ft.	700.00
4	6	Sets of fittings for item 3, Motorola Kit No. TDN6062, (3 sets for base stations, 3 sets for ships)	28.00	168.00
5	8	* "Mocom 10", Motorola mobile transceiver, 15 watt RF output power, dash mount, negative ground, 12 V DC power supply, standard squelch, two channel, VHF/FM narrow band. Operating Frequencies: Channel 1 -- 70.3 MHz Channel 2 -- 70.6 MHz	615.00	4,920.00

(see note)

NOTE:

\* 3 units for ships, 5 for vehicles.

<u>Item</u>	<u>Quantity</u>	<u>Description</u>	<u>Estimated Cost (Unit)</u>	<u>Total</u>
		Motorola Model No. D32AAN1130K, including wired-in microphone, installation kit, cable kit, built-in speaker, antenna.		
6	3	Coaxial Unity gain antennas, for operation at 71 MHz, Communi- cation Products Company Model 114-509, 6061-T6 aluminum alloy, corrosion resistant, for mast mounting on ships. Include set of clamps No. 346-509.	60.00	180.00
7	3	100' towers, Rohn Model 250, complete for ground installation	452.00	1,356.00
8	12	Portable transceivers, Handie- Talkie, VHF/FM, 2 Watt RF output power, narrow band, Motorola Model Z22FFN1130N, operating frequencies: Channel 1 - 70.3 MHz Channel 2 - 70.6 MHz Each unit including nickel- cadmium battery, antenna, case and cover.	750.00	9,000.00
9	12	Carrying strap for item 8, Motorola No. NLN6349.	7.00	84.00
10	4	Motorola NLN6997, single unit battery charger, 220 V 50 cycle	45.00	180.00
11	1 lot	Spare parts for items 1, 5 and 8 (Motorola) as recommended by the manufacturer for mainten- ance of equipment for a period of two years, not to exceed 10% of cost of items		1,700.00
A) Total cost of equipment				\$21,585.00
GSA surcharge & transportation costs (20% of A)				4,317.00
Grand Total				\$25,902.00

EQUIPMENT SPECIFICATIONS FOR ISF

NOTE: These specifications correspond to the standardized equipment ISF is purchasing from Motorola. Any substitution would not be utilized by ISF.

<u>Item</u>	<u>Quantity</u>	<u>Description</u>	<u>Estimated Cost (Unit)</u>	<u>Total</u>
1	10	VHF/FM mobile transceivers, 146-174 MHz frequency range, narrow band, 10 channel, Motorola model Modified CD-100F, 15 Watt RF output power, fully solid state trunk mount, including control head, whip antenna, cabling and installation kit, microphone. Standard squelch. Frequencies are classified by Lebanese Government and would be provided by manufacturer.	1,500.00	15,000.00
2	10	VHF/FM portable transceivers, Motorola Handie-Talkie HT 220 series, Model No. H23FFN1104, 4 channel, narrow band, carrier squelch, 146-174 MHz frequency range. Frequency indication same as item 1.	800.00	8,000.00
3	1 lot	Spare parts for items 1 and 2 as selected by manufacturer for maintenance over a two year period, cost not to exceed 10% of cost of items.		2,300.00
Total				\$25,300.00
GSA Surcharge & Transportation				5,000.00
Grand Total				\$30,300.00

Sufficient amount of accessories have been ordered by ISF to provide carrying cases, battery chargers and other items normally ordered separately.