

August 26, 2021.

WORK PLAN TO COMPLETE THE TECHNICAL SURVEYS IN THE 4 MILITARY RANGES WHICH IS SUSPECTED THERE MAY BE CLUSTER MUNITION REMANNTS

I. Timeline of the survey activities, including information on the time required to conduct the needed technical surveys (disaggregated per each of the four military training sites).

- A. April to May 2021, planning to carry out Technical Survey (TS) at the Armed Forces level, requirements and necessary resources are established.
- B. May to July 2021, management of necessary resources.
- C. August 2021, training of Explosive Ordnance Disposal Units (EOD).
- D. September to October 2021, planning to carry out Technical Survey at the EOD Unit level.
- E. November to December 2021, execution of the TS simultaneously
- F. January to February 2022, delivery of TS reports.

Note: Dates are approximate and subject to variations. August 23, 2021

II. Information as to which military branch or entity is responsible for conducting the technical survey for each of the four military training sites

Location	Unit
Pampa de Chaca Este , 45.4 km from the City of Arica Urban Sector.	Army EOD Unit, Arica, 21 people. On daily basis, Army personnel will go to the place suspected of being contaminated with Cluster Munitions Remnants (CMR), in Army transport, they will remain in site throughout the working day, and then will be withdrawn to the city of Arica. They will be provided with food in the field.
Delta , Zapiga commune of Huara, Tarapacá Region 65.2 km from Pozo Almonte.	Army EOD Unit, Calama, 8 people. On a daily basis, Army personnel will go to the place suspected of being contaminated with CMR, in Army transport, they will remain in site throughout the working day, and then will be withdrawn to the commune of Huara, where the II Armored Brigade is located. They will be provided with food in the field.

Location	Unit
Barrancas , 46.4 km from the City of Iquique.	Air Force EOD Unit, Iquique, 12 people. On daily basis, Air Force personnel will go to the place suspected of being contaminated with CMR, in Air Force land transport, they will remain in site throughout the working day, and then will be withdrawn to the Air Force Brigade location. They will be provided with food in the field.
Punta Zenteno , 66.3 km from the City of Punta Arenas.	Navy EOD Unit, Punta Arenas, 17 people. On daily basis, Navy personnel will go to the place suspected of being contaminated with CMR, in navy land transport, they will remain in site throughout the working day, and then will be withdrawn to Punta Arenas. They will be provided with food in the field.

III. Capacity intended for activities at each of the four military training sites

These are the capacities and conformation of the current EOD Units, but for the TS only the amount of people described in the previous Paragraph (III) will be employed.

A. Army EOD Unit, Arica

1. Personnel.

- a. 30 people, to carry out EOD tracking tasks, who have training for EOD 1, 2, or more. These personnel are organized into 4 crews (crews of 6 people) of trackers, each led by a crew chief. It has a section commander and a company commander. In addition, this Unit has personnel who have training in the IMSMA - MARS system, which allows georeferencing the EOs that are detected and making the information required by the United Nations transparency.
- b. 9 people to logistically support with transport, ambulance, nurse, support in the control of supply and EOD 3 team or more, for the destruction of the EO that are detected. Has a logistical support section commander

2. Equipment.

TIPE	AMOUNT
Vallon VMH3Cs	12
Vallon VMH3	2
UXOs search head 60 cms	2
LDE personal protection suit	26
LDE suit demining boots	53
LDE suit covers demining boots	43
LDH helmet	38
LDH viewer	39

With this equipment, a binomial (2 EOD personnel) have the ability to track 5,000 m² in a working day.

3. Transport.

TIPE	AMOUNT
Pickup truck	1
AEA ambulance	1
Medium trucks	2
Bus	1

With these means of transport it has the ability to move the Unit and health support team, which allows the stabilization of a patient.

B. Army EOD Unit, Calama.

1. Personnel.

- a. 30 people, to carry out EOD tracking tasks, who have training for EOD 1, 2, or more. These personnel are organized into 4 crews (crews of 6 people) of trackers, each led by a crew chief. It has a section commander and a company commander. In addition, this Unit has personnel who have training in the IMSMA - MARS system, which allows georeferencing the EOs that are detected and making the information required by the United Nations transparency.
- b. 9 people to logistically support with transport, ambulance, nurse, support in the control of supply and EOD 3 team or more, for the destruction of the EO that are detected. Has a logistical support section commander.

2. Equipment.

TIPE	AMOUNT
Vallon VMH3Cs	6
Vallon VMH3	12
UXOs search head 60 cms	2
LDE personal protection suit	45
LDE suit demining boots	42
LDE suit covers demining boots	33
LDH helmet	52
LDH viewer	46

With this equipment, a binomial (2 EOD personnel) have the ability to track 5,000 m2 in a working day.

3. Transport.

TIPE	AMOUNT
Pickup truck	1
AEA ambulance	1
Medium trucks	2
Bus	1

With these means of transport it has the ability to move the Unit and health support team, which allows the stabilization of a patient.

C. Air Force EOD Unit, Iquique.

1. Personnel.

- a. 16 people, to carry out EOD tracking tasks, who have training for EOD 1, 2, or more. These personnel are organized into 2 crews (crews of 6 people) of trackers, each led by a crew chief. It has a section commander and a company commander. In addition, this Unit has personnel who have training in the IMSMA - MARS system, which allows georeferencing the EOs that are detected and making the information required by the United Nations transparency.
- b. 9 people to logistically support with transport, ambulance, nurse, support in the control of supply and EOD 3 team or more, for the destruction of the EO that are detected. Has a logistical support section commander.

2. Equipment.

TIPE	AMOUNT
Vallon VMH3Cs	5
ACE Suit (Personal Protection)	16
ACE Suit Heavy Helmet	16
ACE Heavy Visor Suit	16

With this equipment, a binomial (2 EOD personnel) have the ability to track 5,000 m2 in a working day.

3. Transport.

TIPE	AMOUNT
Pickup truck	1
AEA ambulance	1
Medium trucks	2
Bus	1

With these means of transport it has the ability to move the Unit and health support team, which allows the stabilization of a patient.

D. Army EOD Unit, Punta Arenas.

This Unit will not participate in the TS, it would only participate in the subsequent EOD work.

1. Personnel.

- a. 30 people, to carry out EOD tracking tasks, who have training for EOD 1, 2, or more. These personnel are organized into 4 crews (crews of 6 people) of trackers, each led by a crew chief. It has a section commander and a company commander. In addition, this Unit has personnel who have training in the IMSMA - MARS system, which allows georeferencing the EOs that are detected and making the information required by the United Nations transparency.
- b. 9 people to logistically support with transport, ambulance, nurse, support in the control of supply and EOD 3 team or more, for the destruction of the EO that are detected. Has a logistical support section commander.

2. Equipment.

TIPE	AMOUNT
Vallon VMH3Cs	14
UXOs search head 60 cms	2
ACE personal protection suit	29
ACE Heavy Visor Suit	35
LDE personal protection suit	18
LDE suit demining boots	30
LDE suit covers demining boots	19
LDH helmet	63
LDH viewer	38

With this equipment, a binomial (2 EOD personnel) have the ability to track 5,000 m2 in a working day.

3. Transport.

TIPE	AMOUNT
Pickup truck	1
AEA ambulance	1
Medium trucks	2
Bus	1

With these means of transport it has the ability to move the Unit and health support team, which allows the stabilization of a patient.

E. Navy EOD Unit, Punta Arenas.

1. Personnel.

- a. 16 people, to carry out EOD tracking tasks, who have training for EOD 1, 2, or more. These personnel are organized into 2 crews (crews of 6 people) of trackers, each led by a crew chief. It has a section commander and a company commander. In addition, this Unit has personnel who have training in the IMSMA - MARS system, which allows georeferencing the EOs that are detected and making the information required by the United Nations transparency.
- b. 9 people to logistically support with transport, ambulance, nurse, support in the control of supply and EOD 3 team or more, for the destruction of the EO that are detected. Has a logistical support section commander.

2. Equipment.

TIPO	CANTIDAD
Vallon VMH3Cs	10
Vallon VMH3	4
UXOs search head 60 cms	2
ACE personal protection suit	30
ACE Suit Heavy Helmet	17
ACE Heavy Visor Suit	16
LDE suit demining boots	19

With this equipment, a binomial (2 EOD personnel) have the ability to track 5,000 m2 in a working day.

3. Transport.

TIPE	AMOUNT
Pickup truck	1
AEA ambulance	1
Medium trucks	2
Bus	1

With these means of transport it has the ability to move the Unit and health support team, which allows the stabilization of a patient.

IV. Budget for activities at each of the four military training sites.

The values are in United States Dollar and its equivalent in Chilean Pesos, to facilitate understanding.

ITEM	US\$	CH\$
Joint Staff (EMCO)	\$600	\$479.804
Travel allowances	\$312	\$249.804
Tickets	\$288	\$230.000
Technical Surveys Seminar	\$1.575	\$1.260.256
Travel allowances	\$988	\$790.256
Tickets	\$588	\$470.000
Army EOD Unit, Arica	\$11.941	\$9.552.428
Travel allowances	\$3.984	\$3.186.980
Catering	\$3.962	\$3.169.488
Fuel	\$3.080	\$2.464.000
Materials for Maintenance	\$915	\$731.960
Army EOD Unit, Calama	\$3.801	\$3.040.922
Travel allowances	\$2.158	\$1.726.762
Fuel	\$658	\$526.400
Materials for Maintenance	\$915	\$731.960
Tolls	\$70	\$55.800
Air Force EOD Unit, Iquique	\$6.223	\$4.978.033
Travel allowances	\$1.795	\$1.436.355
Catering	\$1.305	\$1.044.000
Fuel	\$788	\$630.000
Materials for Maintenance	\$2.335	\$1.867.678
Navy EOD Unit, Punta Arenas	\$6.622	\$5.297.324
Travel allowances	\$2.815	\$2.252.364
Catering	\$1.806	\$1.445.000
Fuel	\$1.085	\$868.000
Materials for Maintenance	\$915	\$731.960
Total	\$30.761	\$24.608.767

Note: Valor 1 US\$ dollar= \$800 chilean pesos

V. Resource mobilization plan which would demonstrate how it Chile intends to secure the required funding and assistance

The resources for the TS will be provided entirely by the Country through budgetary funds, international assistance will not be necessary.

VI. Other relevant information

The Head of the International Cooperation Department of the International Relations Division of this Undersecretariat, Mr. Valentín Segura, has been designated as the point of contact in the Ministry of Defense, email: vsegura@ssdefensa.gov.cl telephone: 56-2- 2690-8233.