

APPLICATION FORM FOR JAPAN'S TECHNICAL COOPERATION

1. **Date of Entry:** Day 28 Month July Year 2017

2. **Applicant:** The Government of Georgia

3. **Technical Cooperation (T/C) Title:**

***Emergency Medical System Development in Georgia with in
Japan's Experience_(target organization: LEPL - Emergency
Situations Coordination and Urgent Medical Assistance Center***

4. **Type of the T/C** ※Select only one scheme.

※ Technical Cooperation Project / Technical Cooperation for Development
Planning

☐ Science and Technology Research Partnership for Sustainable Development
(SATREPS)

※ Individual Expert

※ Individual Training

5. **Contact Point (Implementing Agency):** The Ministry of Labour, Health and
Social Affairs of Georgia, LEPL - Emergency Situations Coordination and Urgent
Medical Assistance Center

Address: 144 Tsereteli Av, Tbilisi 0119 Georgia

Contact Person: **Avtandil Talakvadze**

Tel. No.: +995 32 51 00 39 (IP 1400) Mob: +995 599 12 00 01 Fax No.

E-Mail: atalakvadze@moh.gov.ge

6. **Background of the T/C**

- *In Georgia, there are issues of national health care emergency system modernization and preparedness for various type disasters. Japan experience and knowledge seems an ideal prospect and Georgia health care system desire a fresh challenge and possibility of progression, to enable emergency sector fulfill its goal and build modern health emergency system.*
- *To resolve these issues, the government of Georgia sets policy/development plan/strategy. Under the Sendai Framework for Disaster Risk Reduction 2015-2030 years, Georgian government established inter-agency working group, which created DRR national action plan/strategy for 2016-2020 years and LEPL - Emergency Situations Coordination and Urgent Medical Assistance Center is the member of these group and participating as well as local also in international level meetings/conferences/workshops.*
- *Obtaining knowledge in the field of emergency medical through the training (in Japan or in Georgia) by Japanese experts is useful to analyze the issues and implement the effective project which will support Georgia to reduce the risk of disasters and improve national health emergency*

system with various modern technologies that has developed nowadays in Japan. As a coordinator of Health care system as well as daily regime also in emergency situations, Center participated in various type of Emergency Situations and constantly have the opportunity to share the best practices of European countries (Poland, Ireland, Romania, Israel etc.). Georgia is located in high seismic active area as well as Japan, with this in mind, we think that the Japanese experience will allow us to improve our knowledge on effective medical assistance during and after the disaster.

7. Outline of the T/C

(1) Overall Goal

(Long-term objective)

- *To modernize Emergency Medical Care System as a part and the main player of whole inter-sectoral emergency response system in Georgia*
- *To establish and develop the paramedic institution throughout the country*
- *To increase health care emergency system coordinators knowledge*
- *To develop emergency preparedness and response programs (plans)*

(2) T/C Purpose

(Objective expected to be achieved by the end of the project period. Elaborate with quantitative indicators if possible)

- *To enhance the knowledge on effective health sector coordination, modern health care emergency technologies and information space.*
- *To understand how to plan, construct, and implement activities like mobilization of health sector forces during emergency situations for effective medical assistance.*
- *To improve the design of medical supplies*
- *Existence of critical number of staff retrained as paramedics;*
- *Existence of required medical equipment for field hospital (for 10 affected persons);*

(3) Outputs

(Objectives to be realized by the “T/C Activities” in order to achieve the “T/C Purpose”)

The participants will be able to enhance the knowledge on effective medical assistance during and after disasters, also participants will be able to analyze the issues, plan and implement in our health care system Japan’s deep experience in the field of emergency medical care.

The medical teams composed by paramedics will allow us to increase the quality of prehospital care during the emergencies

Existence of field hospital equipment kits will improve quality of response and effective medical service delivery in disaster area

(4) T/C Site

(In case there is any particular candidate site, please give specifics such as the name of the target area for the T/C and attach a rough map to the documents submitted. The attached map should be at a scale that clearly shows the project site.)

- *The training course for LEPL - Emergency Situations Coordination and Urgent Medical Assistance Center staff in Japan*
- *The training/seminar course conducted by Japanese experts in local training center (Georgia, Tbilisi)*
- *To deliver field hospital equipment from Japan to Georgia, Recipient- LEPL Emergency Situations Coordination and Urgent Medical Assistance Center*

(5) T/C Activities

(Specific actions intended to produce each “Output” of T/C by effective use of the “Input”)

- *Prepare job report on Disaster Risk Reduction issues in Georgia and do presentation*
- *Lecture and discussion on Japan's experience and challenges*
- *Site observation- to introduce all the entities providing local medical services*
- *To exchange and conduct lectures and practical cases examples for Georgian doctors (paramedics) by Japanese experts*

(6) Input from the Recipient Government

- *(Counterpart personnel (identify the name and position of the Project manager), support staff, office space, running expenses, vehicles, equipment, etc.)*
- *Dispatching relevant persons to the training*
- *Hosting of Japanese experts*
- *To promote the necessary procedures for equipment delivery*

(7) Input from the Japanese Government

(Number and qualification of Japanese experts/consultants, contents of training (in Japan and in-country) courses, seminars and workshops, equipment, etc.)

- *Conduct the lecture and site observation in Japan*
- *To conduct the trainings for Georgian doctors by the Japanese experts (4 experts)*
- *Training topic: "Theoretical and practical skills of paramedics"*
- *The field hospital equipment granted by Japanese government (see attached file)*

8. Implementation Schedule

Month N/A Year 2018____ ~ Month N/A Year 2018

9. Description of an Implementing Agency

- (Budget allocated to the Agency, Number of Staff of the Agency, Department/division in charge of the T/C, etc.).
- **Please describe briefly.**
- LEPL - Emergency Situations Coordination and Urgent Medical Assistance Center carries out emergency medical care coordination throughout the country in common regime daily (24/7) and in emergencies during the disasters;
- representative (who should undergo trainings in Japan): 10 persons (Including ambulance driver, physician, nurse and health care system worker/coordinator)
- Number of medical stuff (who should undergo trainings in Georgia by Japanese trainers): 100-200 persons (physician, nurse)

10. Related Information

(1) Prospects of further plans and actions/ Expected funding resources for the Project:

(If implementing agency plans to take some (future) actions in connection with this proposed project, please describe the concrete plans/action and enter the funding sources for the plans and actions.)

Please describe briefly

- The Ministry of Labour, Health and Social Affairs of Georgia plans to establish paramedical institution in the country

(2) Activities in the same sector of other donor agencies, the recipient government and NGOs and others:

(Please pay particular attention to the following items:

- Whether you have requested the same project to other donors or not.
- Whether any other donor has already started a similar project in the target area or not.
- Presence/absence of cooperation results or plans by third-countries or international agencies for similar projects.
- In the case that a project was conducted in the same field in the past, describe the grounds for requesting this project/study, the present status of the previous project, and the situation regarding the technology transfer.
- Whether there are existing projects/studies regarding this requested project/ study or not. (Enter the time/period, content and concerned agencies of the existing studies.))

If any, please describe briefly.

11. Global Issues (Gender, Poverty, Climate change, etc.)

(Any relevant information of the project from global issues (gender, poverty, climate change, etc.) perspective.)

12. Environmental and Social Considerations

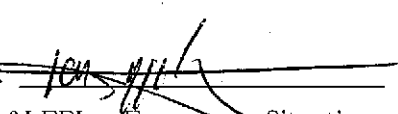
(In case of Technical Cooperation Project (including SATREPS) / Technical Cooperation for Development Planning, please fill in the attached screening format.)

(Note) If JICA considers that the environmental and social considerations are required to the T/C, the applicants agree on JICA's information disclosure of the T/C for public hearing in accordance with JICA guidelines for environmental and social considerations as stated in Question 11 of the attached Screening Format.

13. Others

If you have some specific topics which you want to know in the training, please write here.

To prepare emergency system worker/coordinators for various type disasters

Signed: 

Title: Head of LEPL – Emergency Situations
Coordination and Urgent Medical
Assistance Center

On behalf of the Government of Georgia,
The Ministry of Labour, Health and Social
Affairs of Georgia

Date: 28.07.14.

Additional Form for Equipment

※If the applicants select the Individual Equipment in 4. , please fill out this form.

1. Estimated Cost for the Equipment

☐ Recipient Country / ☐ Japan / ☐ Third Country

N/A

2. Place of Procurement

N/A

3. Preferable Time of Delivery

JUNE 2018

4. Necessity of Dispatch of Expert/s for Installation and Adjustment of the Equipment

☐ Necessary / ☒ Not necessary / ☐ Not clear

5. Main Users of the Equipment

LEPL - Emergency Situations Coordination and Urgent Medical Assistance Center

6. List of the Equipment Requested

No	(Name of equipment)	(Specification)	(Quantity)	(Cost)
1	Functional Bed	Functional stretcher with oxygen tank and system hanger	10	N/A
2	Ventilator	Controlled Breathing device	8	N/A
3	Ventilator	portable device	2	N/A

4	Patient monitor	Blood pressure, pulse, saturation, respiration, heart	10	N/A
5	Suction Aspirator	or/ Central negative pressure	10	N/A
6	Defibrillator monitor		5	N/A
7	Non-shade lighting		1	N/A
8	Movable partitions between patient beds		10	N/A
9	1 syringe infusion		10	N/A
10	2 syringe infusion		10	N/A
11	High pressure oxygen cylinder	5 liter	10	N/A
12	Cardiograph		5	N/A
13	Imobilization shield		5	N/A
14	Traction splint		10	N/A
15	Wheelchair		2	N/A
16	Refrigerator for medicines		3	N/A
17	Shelf board		8	N/A
18	Cart for hazardous waste		2	N/A
19	Sterilizer		2	N/A
20	Blood Gas Analyzers		2	N/A
21	Microscope		2	N/A
22	Exhaust		1	N/A
23	Hematology Analyzer		1	N/A
24	Humidifier		10	N/A
25	Flow meter	5 liter	8	N/A
26	Flow meter	15 liter	8	N/A
27	O2 adapter		6	N/A
28	O2 Flowmeter adapter		6	N/A
29	Patient Warmer	Bair Hugger	2	N/A
30	Perfusion		6	N/A
31	pulse oximeter portable		2	N/A
32	Expres analyzer D-dimer, Troponin-T, myoglobin		2	N/A
33	Reflotron Blood Chemistry Analyzer		2	N/A
34	Urine Analyzer		2	N/A

				N/A
35	Variable pipette		2	
36	iv holder		6	N/A
37	Centrifuge		1	N/A
38	horizontal place holders		1	N/A
39	Medical Closet		2	N/A
40	x ray portable		1	N/A
41	x-ray processor		1	N/A
42	US scanner		1	N/A
43	ear thermometer		2	N/A
44	mirror ear thermo		2	N/A
45	instrument tray		70	N/A
46	instrument tray kidney		30	N/A
47	instrument tray sq		55	N/A
48	iron cart		3	N/A
49	instrument table		3	N/A
50	manipulation table		1	N/A
51	laundry cart		1	N/A
52	metal hanging pole		5	N/A
53	wheel chair		2	N/A
54	autoclave materials		1	N/A
55	sterilization package		2	N/A
56	sterilized packager		1	N/A
57	instrument cart wheel		7	N/A
58	auto ophthalmoscope		2	N/A
59	neck immobilizer kit		2	N/A
60	immobilization desk		2	N/A
61	head restraint orange		2	N/A
62	spine immobilizer		2	N/A
63	two part stretcher		2	N/A
64	stretcher		1	N/A
65	vacuum mattress		2	N/A
66	instrument kit		2	N/A
67	mattress pump		2	N/A
68	examination table		6	N/A
69	bed paper dispenser		6	N/A
70	restraint belt		10	N/A
71	negative illuminator		1	N/A
72	negative illuminator		1	N/A

Additional Form for Expert

If the applicants select the Individual Expert in 4., this form needs to be filled out.

1. Type of Assignment - **New**

(New / Extension / Successor)

If this type is "Extension" or "Successor", please show whose extension or successor it is.

2. Qualifications and Experience required

(1) Age Limit – **Not Limited**

(2) Educational Background

(Doctor / Master / Bachelor) - **Doctor / Master**

(3) Practical Experience on Related Field

Medical Doctors or Experts with experience and skills in conducting lectures/seminars in the field of paramedic institution.

(4) Language

(Name / Level) **English/Russian**

(5) Other Qualification and Experience

Paramedics/Medical doctors with experience in the field of urgent medical assistance during the emergencies.