

6. ワクチン調達計画表 (Multi Year Plan 2006~2010案第2稿に基づく)

Estimated of 2006-2010 years for EPI vaccine requirements and source of budget

	2006		2007		2008		2009		2010			
	Vaccine	Doses	US\$	Vaccine	Doses	US\$	Vaccine	Doses	US\$	Doses		
Government	BCG	395,875	\$39,762	BCG	400,625	\$40,722	BCG	414,572	\$41,640	BCG	419,547	
	OPV	359,886	\$45,526	OPV	33,854	\$39,432	OPV	293,070	\$37,073	OPV	276,814	
				DT	128,406	\$13,739	DT	128,218	\$13,719	DT	121,647	
				HepB		66,868	\$17,854	HepB	67,671	\$18,068	HepB	68,483
							DTP	44,520	\$7,075	DTP	45,054	
		\$85,288	14%			\$96,211	14%			\$117,575	15%	
JICA	Measles	197,937	\$37,232	Measles	200,313	\$37,679	Measles	205,149	\$38,589	Measles	207,611	
	DTP	203,472	\$32,336	DTP	104,329	\$16,580	DTP	46,580	\$7,403			
	HepB	194,157	\$52,948	HepB	121,966	\$33,046						
	DT	128,865	\$13,789									
		\$136,305	23.1%			\$87,305	12.3%			\$38,589	4.8%	
GAVI	DTP+Hep			DTP+Hep			DTP+Hep			DTP+Hep		
	B+Hib	96,649	\$368,813	B+Hib	138,083	\$526,925	B+Hib	170,957	\$652,374	B+Hib	173,009	
		\$368,813	62.5%			\$526,925	74.2%			\$652,374	80.7%	
		\$590,406				\$710,441				\$808,538		
										\$116,320	15%	
										\$38,589		
										\$660,202	80.7%	
										\$815,111		

7. 2006年度要請機材リスト (英文)

No.	Description	Q' ty	(unit)	Specifications	Price	(unit)	Procurement
1	DTP vaccine	165,225	doses	Vial of 10 doses	24,900	US\$	UNICEF
2	Measles vaccine	254,761	doses	Vial of 10 doses	40,800	US\$	UNICEF
3	DT vaccine	147,081	doses	Vial of 10 doses	15,688	US\$	UNICEF
3	Hep B vaccine	195,862	doses	Vial of 10 doses	47,040	US\$	UNICEF
5	Large Vaccine Carrier	210	doses	Model TM8, PIS E4/94-M	7,193	US\$	UNICEF
	TOTAL				135,621	US\$	

8. コールドチェーン機材配置表

The situation of cold chain equipment in Mongolia

Annex 1

Province (Aimag)	Name of Health facility	Equipment	Manufacture	Model name (PIS code/UNICEF catalog code)	Q'ty	Year of set up	Present Situation (e.g fine/fair/bad)			Donor	
							Fine	Fair	Bad		
Arkhangai	Soum hospital	Refrigerator	Denmark	E3/75-M Model MK-074	19	1998 - 16	3	15	1	JICA	
		Refrigerator	Denmark	E3/57 Model MK-142	5	2001 - 3		5		UNICEF	
	Soum hospital	Voltage regulator	Japan	Sollatek Voltage Stabiliser	12	2004 - 8				JICA	
		Cold box vaccine carrier	Luxembourg	E4/62-M Model RCW 12/CF	20	2005 - 4	12			JICA	
	Aimag centre	Refrigerator	Italy	E4/52	36	1996 - 36			20	UNICEF	
		Refrigerator with voltage regulator	Denmark	E3/75-M Model MK-074	6	1998 - 6			36	UNICEF	
		Freezer	Denmark	E3/82-M Model MK-304	1	1996 - 1			6	JICA	
		Freezer	Denmark	E3/27-M Model MF 304	1	2002 - 1	1		1	UNICEF	
		Cold box	Denmark	Model SB 202	1	1996 - 1			1	JICA	
		Cold box	India	E4/72-M Model ICB-11F	4	1997 - 1				1	UNICEF
Bayan-Ulgii	Aimag centre	Cold box	Luxembourg	E4/62-M Model RCW 12/CF	2	2005 - 3	3			JICA	
		Large vaccine carrier	India	E4/67-M Model IVC-9AF	7	1996 - 2			2	UNICEF	
	Soum hospital	Refrigerator	Denmark	E3/75-M Model MK-074	15	2001 - 7			7	JICA	
		Refrigerator	India	E3/75 Model MK/MF 4010	2	1997 - 5				1	UNICEF
	Soum hospital	Voltage regulator	Denmark	E3/75-M Model MK-074	15	2000 - 7				2	JICA
		Cold box vaccine carrier	India	E3/75 Model MK/MF 4010	2	2001 - 3	3	10	2		WHO
	Aimag centre	Voltage regulator	Japan	Sollatek Voltage Stabiliser	6	1997 - 2				2	WHO
		Cold box vaccine carrier	Luxembourg	E4/62-M Model RCW 12/CF	16	2004 - 2			6		JICA
	Aimag centre	Refrigerator	Italy	E4/52	88	1996 - 16			16		UNICEF
		Refrigerator with voltage regulator	Denmark	E3/75-M Model MK-074	1	1996 - 88			88		UNICEF
Aimag centre	Refrigerator with voltage regulator	Denmark	E3/82-M Model MK-304	1	2001 - 1	1				JICA	
	Freezer	Denmark	E3/82-M Model MK-304	1	1996 - 1			1		UNICEF	
Aimag centre	Freezer	Denmark	E3/27-M Model MF 304	2	1997 - 1					JICA	
	Freezer	Denmark	Model SB 202	1	2002 - 1	1		1		UNICEF	
Aimag centre	Cold box	Luxembourg	E4/62-M Model RCW 12/CF	4	1996 - 1					JICA	
	Cold box	India	E4/62-M Model RCW 12/CF	4	1996 - 2			4		UNICEF	
Aimag centre	Cold box	India	E4/62-M Model RCW 12/CF	3	1999 - 2					JICA	
	Large vaccine carrier	India	E4/62-M Model RCW 12/CF	3	1997 - 1			2	1	WHO	
Aimag centre	Cold box	India	E4/62-M Model RCW 12/CF	3	2005 - 2			2		JICA	
	Large vaccine carrier	India	E4/67-M Model IVC-9AF	6	2001 - 6			6		JICA	

Bayankhongor		Soum hospital		Aimag centre		Bulgan		Soum hospital		Aimag centre					
Refrigerator	Denmark	E3/75-M Model MK-074	11	1997 - 3 2000 - 3	5	6	JICA	Refrigerator	Denmark	E3/75-M Model MK-074	11	1997 - 3 2000 - 3	5	6	JICA
Refrigerator	India	E3/75 Model MK/MF 4010	3	1997 - 3		2	WHO	Refrigerator	India	E3/75 Model MK/MF 4010	3	1997 - 3		2	WHO
Refrigerator	Denmark	E3/57 Model MK-142	5	1998 - 5		4	UNICEF	Refrigerator	Denmark	E3/57 Model MK-142	5	1998 - 5		4	UNICEF
Voltage regulator	Japan	Sollatek Voltage Stabiliser	6	2004 - 2 2005 - 4		6	JICA	Voltage regulator	Japan	Sollatek Voltage Stabiliser	6	2004 - 2 2005 - 4		6	JICA
Cold box	Luxembourg	E4/62-M Model RCW 12/CF	18	1996 - 18		17	UNICEF	Cold box	Luxembourg	E4/62-M Model RCW 12/CF	18	1996 - 18		17	UNICEF
vaccine carrer	Italy	E4/52	56	1996 - 56		54	UNICEF	vaccine carrer	Italy	E4/52	56	1996 - 56		54	UNICEF
Refrigerator	Denmark	E3/75-M Model MK-074	2	2001 - 2		2	JICA	Refrigerator	Denmark	E3/75-M Model MK-074	2	2001 - 2		2	JICA
Refrigerator with voltage regulator	Denmark	E3/82-M Model MK-304	1	1996 - 1		1	UNICEF	Refrigerator with voltage regulator	Denmark	E3/82-M Model MK-304	1	1996 - 1		1	UNICEF
Freezer	Denmark	E3/27-M Model MF 304	1	2002 - 1		1	JICA	Freezer	Denmark	E3/27-M Model MF 304	1	2002 - 1		1	JICA
Freezer	Denmark	Model SB 202	1	1996 - 1		1	UNICEF	Freezer	Denmark	Model SB 202	1	1996 - 1		1	UNICEF
Cold box	Luxembourg	E4/62-M Model RCW 12/CF	5	1999 - 3		5	JICA	Cold box	Luxembourg	E4/62-M Model RCW 12/CF	5	1999 - 3		5	JICA
Cold box	India	E4/72-M Model ICB-11F	3	1997 - 1 2005 - 2		2	WHO JICA	Cold box	India	E4/72-M Model ICB-11F	3	1997 - 1 2005 - 2		2	WHO JICA
Large vaccine carrer	India	E4/67-M Model IVC-9AF	17	2001 - 17		17	JICA	Large vaccine carrer	India	E4/67-M Model IVC-9AF	17	2001 - 17		17	JICA
Refrigerator	Denmark	E3/75-M Model MK-074	14	1997 - 3 1998 - 10 2001 - 1		11	JICA	Refrigerator	Denmark	E3/75-M Model MK-074	14	1997 - 3 1998 - 10 2001 - 1		11	JICA
Refrigerator	Denmark	E3/57 Model MK-142	5	1998 - 5		2	UNICEF	Refrigerator	Denmark	E3/57 Model MK-142	5	1998 - 5		2	UNICEF
Voltage regulator	Japan	Sollatek Voltage Stabiliser	10	2004 - 6 2005 - 4		10	JICA	Voltage regulator	Japan	Sollatek Voltage Stabiliser	10	2004 - 6 2005 - 4		10	JICA
Cold box	Luxembourg	E4/62-M Model RCW 12/CF	10	1996 - 10		10	UNICEF	Cold box	Luxembourg	E4/62-M Model RCW 12/CF	10	1996 - 10		10	UNICEF
vaccine carrer	Italy	E4/52	56	1996 - 56		56	UNICEF	vaccine carrer	Italy	E4/52	56	1996 - 56		56	UNICEF
Refrigerator	Denmark	E3/75-M Model MK-074	2	2001 - 2		2	JICA	Refrigerator	Denmark	E3/75-M Model MK-074	2	2001 - 2		2	JICA
Refrigerator with voltage regulator	Denmark	E3/82-M Model MK-304	1	1996 - 1		1	UNICEF	Refrigerator with voltage regulator	Denmark	E3/82-M Model MK-304	1	1996 - 1		1	UNICEF
Freezer	Denmark	E3/27-M Model MF 304	1	2002 - 1		1	JICA	Freezer	Denmark	E3/27-M Model MF 304	1	2002 - 1		1	JICA
Freezer	Denmark	Model SB 202	1	1996 - 1		1	UNICEF	Freezer	Denmark	Model SB 202	1	1996 - 1		1	UNICEF
Large vaccine carrer	India	E4/67-M Model IVC-9AF	11	2001 - 11		1	JICA	Large vaccine carrer	India	E4/67-M Model IVC-9AF	11	2001 - 11		1	JICA
Cold box	Luxembourg	E4/62-M Model RCW 12/CF	6	1996 - 2 1999 - 4		6	UNICEF JICA	Cold box	Luxembourg	E4/62-M Model RCW 12/CF	6	1996 - 2 1999 - 4		6	UNICEF JICA
Cold box	India	E4/72-M Model ICB-11F	4	1997 - 2 2005 - 2		2	WHO JICA	Cold box	India	E4/72-M Model ICB-11F	4	1997 - 2 2005 - 2		2	WHO JICA

		Govialtai										Govisumber									
Soum hospital	Refrigerator	Denmark	E3/75-M Model MK-074	14	1997 - 5	4	8	2	JICA	Refrigerator	Denmark	E3/75-M Model MK-074	14	2000 - 5	4	8	2	JICA			
	Refrigerator	Denmark	E3/57 Model MK-142	5	1998 - 5	3	3	2	UNICEF	Refrigerator	Denmark	E3/57 Model MK-142	5	1998 - 5	3	3	2	UNICEF			
	Refrigerator	India	E3/75 Model MK/MF 4010	1	1997 - 1			1	WHO	Refrigerator	India	E3/75 Model MK/MF 4010	1	1997 - 1			1	WHO			
	Voltage regulator	Japan	Sollatek Voltage Stabiliser	8	2004 - 5	8			JICA	Voltage regulator	Japan	Sollatek Voltage Stabiliser	8	2004 - 5	8			JICA			
	Cold box	Luxembourg	E4/62-M Model RCW 12/CF	15	1996 - 15		15		UNICEF	Cold box	Luxembourg	E4/62-M Model RCW 12/CF	15	1996 - 15		15		UNICEF			
	vaccine carrier	Italy	E4/52	88	1996 - 88		56	32	UNICEF	vaccine carrier	Italy	E4/52	88	1996 - 88		56	32	UNICEF			
	Refrigerator	Denmark	E3/75-M Model MK-074	2	2001 - 2	2			JICA	Refrigerator	Denmark	E3/75-M Model MK-074	2	2001 - 2	2			JICA			
	Refrigerator with voltage regulator	Denmark	E3/82-M Model MK-304	1	1996 - 1		1		UNICEF	Refrigerator with voltage regulator	Denmark	E3/82-M Model MK-304	1	1996 - 1		1		UNICEF			
	Freezer	Denmark	E3/27-M Model MF 304	2	2002 - 1	1	1		JICA	Freezer	Denmark	E3/27-M Model MF 304	2	2002 - 1	1	1		JICA			
	Freezer	Denmark	Model SB 202	1	1996 - 1		1		UNICEF	Freezer	Denmark	Model SB 202	1	1996 - 1		1		UNICEF			
Large vaccine carrier	India	E4/67-M Model IVC-9AF	7	2001 - 7	7			JICA	Large vaccine carrier	India	E4/67-M Model IVC-9AF	7	2001 - 7	7			JICA				
Cold box	Luxembourg	E4/62-M Model RCW 12/CF	6	1999 - 4		6		UNICEF	Cold box	Luxembourg	E4/62-M Model RCW 12/CF	6	1999 - 4		6		UNICEF				
Cold box	India	E4/72-M Model ICB-11F	3	1997 - 1	2			WHO	Cold box	India	E4/72-M Model ICB-11F	3	1997 - 1	2			WHO				
				2005 - 2				JICA					2005 - 2				JICA				
				1997 - 1									1997 - 1								
				2000 - 1									2000 - 1								
				2001 - 1	2	1			JICA				2001 - 1	2	1			JICA			
				1998 - 1					UNICEF				1998 - 1					UNICEF			
				2004 - 1									2004 - 1								
				2005 - 2	3				JICA				2005 - 2	3				JICA			
				1996 - 2		2			UNICEF				1996 - 2		2			UNICEF			
				1996 - 16		16			UNICEF				1996 - 16		16			UNICEF			
				2000 - 4	4				JICA				2000 - 4	4				JICA			
				1996 - 1					UNICEF				1996 - 1					UNICEF			
				2002 - 1	1				JICA				2002 - 1	1				JICA			
				1996 - 1		1			UNICEF				1996 - 1		1			UNICEF			
				2001 - 3	3				JICA				2001 - 3	3				JICA			
				1997 - 1					WHO				1997 - 1					WHO			
				2005 - 1	2			1	JICA				2005 - 1	2		1		JICA			
				1996 - 1	1				UNICEF				1996 - 1	1				UNICEF			
				2001 - 1	1				JICA				2001 - 1	1				JICA			

		Darkhan-uu										Dornogovi									
Soum hospital	Refrigerator	Denmark	E3/75-M Model MK-074	3	2000 - 3	3					JICA										
	Voltage regulator	Japan	Sollatek Voltage Stabiliser	4	2004 - 1	4					JICA										
	vaccine carrer	Italy	E4/52	40	1996 - 40	40					UNICEF										
	Refrigerator	Denmark	E3/75-M Model MK-074	1	2001 - 1	1					JICA										
	Refrigerator with voltage regulator	Denmark	E3/57 Model MK-142	4	1998 - 4	3	1				UNICEF										
	Freezer	Denmark	E3/82-M Model MK-304	1	1996 - 1	1					UNICEF										
	Freezer	Denmark	E3/27-M Model MF 304	2	2002 - 2	2					JICA										
	Large vaccine carrer	Denmark	Model SB 202	1	1996 - 1	1					UNICEF										
	Cold box	India	E4/67-M Model IVC-9AF	5	2001 - 5	5					JICA										
	Cold box	Luxembourg	E4/62-M Model RCW 12/CF	2	1996 - 1	2					UNICEF										
Aimag centre	Cold box	India	E4/72-M Model ICB-11F	3	1997 - 1	2	1				WHO										
	Refrigerator	Denmark	E3/75-M Model MK-074	19	2005 - 2	5	12	2			JICA										
	Refrigerator	India	E3/75 Model MK/MF 4010	1	1997 - 1	1		1			WHO										
	Voltage regulator	Japan	Sollatek Voltage Stabiliser	10	2004 - 6	10					JICA										
	Cold box	Luxembourg	E4/62-M Model RCW 12/CF	10	2005 - 4	10					JICA										
	vaccine carrer	Italy	E4/52	48	1996 - 10	10					UNICEF										
	Refrigerator	Denmark	E3/75-M Model MK-074	5	1996 - 48	48					UNICEF										
	Refrigerator with voltage regulator	Denmark	E3/82-M Model MK-304	1	2000 - 5	.5					JICA										
	Freezer	Denmark	E3/27-M Model MF 304	2	1996 - 1	1	1				UNICEF										
	Large vaccine carrer	India	E4/67-M Model IVC-9AF	6	1997 - 1	1	1				JICA										
Aimag centre	Cold box	Luxembourg	E4/62-M Model RCW 12/CF	6	2001 - 6	6					JICA										
	Cold box	Luxembourg	E4/62-M Model RCW 12/CF	6	1996 - 2	6					UNICEF										
	Cold box	India	E4/72-M Model ICB-11F	5	1999 - 4	6					JICA										
	Cold box	India	E4/72-M Model ICB-11F	5	1997 - 2	3	2				WHO										
	Cold box	India	E4/72-M Model ICB-11F	5	2005 - 3	3					JICA										

		Refrigerator	Denmark	E3/75-M Model MK-074	1	2000 - 1	1	JICA
Orkhon	Soum hospital	Voltage regulator	Japan	Sollatek Voltage Stabiliser	1	2004 - 1	1	JICA
		Cold box	Luxembourg	E4/62-M Model RCW 12/CF	1	1996 - 1	1	UNICEF
		vaccine carrer	Italy	E4/52	40	1996 - 40	40	UNICEF
		Refrigerator	Denmark	E3/75-M Model MK-074	7	2001 - 7	7	JICA
		Refrigerator with voltage regulator.	Denmark	E3/82-M Model MK-304	1	1996 - 1	1	UNICEF
		Freezer	Denmark	E3/27-M Model MF 304	2	1997 - 1	1	JICA
		Large vaccine carrer	India	E4/67-M Model IVC-9AF	4	2002 - 1	1	JICA
		Cold box	Luxembourg	E4/62-M Model RCW 12/CF	3	2001 - 4	4	JICA
		Cold box	India	E4/72-M Model ICB-11F	4	1996 - 2	3	UNICEF
		Cold box	India	E4/72-M Model ICB-11F	4	1999 - 1	3	JICA
Zavkhan	Soum hospital	Refrigerator	Denmark	E3/75-M Model MK-074	21	1997 - 2	20	JICA
		Refrigerator	Denmark	E3/75 Model MK/MF 4010	2	2000 - 10	1	JICA
		Voltage regulator	Japan	Sollatek Voltage Stabiliser	6	1997 - 2	2	WHO
		Cold box	Luxembourg	E4/62-M Model RCW 12/CF	20	2004 - 2	6	JICA
		vaccine carrer	Italy	E4/52	48	2005 - 4	20	UNICEF
		Refrigerator	Denmark	E3/75-M Model MK-074	3	1996 - 20	48	UNICEF
		Refrigerator	Denmark	E3/57 Model MK-142	4	1998 - 3	3	JICA
		Refrigerator with voltage regulator	Denmark	E3/82-M Model MK-304	1	1998 - 4	3	UNICEF
		Freezer	Denmark	E3/27-M Model MF 304	2	1996 - 1	1	UNICEF
		Freezer	Denmark	Model SB 202	1	1997 - 1	1	JICA
Aimag centre	Aimag centre	Large vaccine carrer	India	E4/67-M Model IVC-9AF	22	2002 - 1	1	UNICEF
		Cold box	Luxembourg	E4/62-M Model RCW 12/CF	3	1996 - 1	1	JICA
		Cold box	India	E4/72-M Model ICB-11F	6	2001 - 22	22	JICA
					3	1996 - 2	3	UNICEF
					3	1999 - 1	3	JICA
					6	1997 - 3	3	WHO
					3	2005 - 3	3	JICA
					22			
					3			
					6			