

National Health Programs

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EPI

Routine Vaccination	Doses
B.C.G	110.000
O.P.V	440.000
I.P.V	220.000
Hep.B	330.000
DPT	110.000
Hib	330.000

Measles	110.000
MMR	110.000
Rubella	60.000
DT	100.000
dt	100.000
T.T	100.000

Hep. B. Adult	30.000
Meningococal	30.000
Rabies vaccine	1.000
Rabies serum	030
O.P.V campaign	100.000
Estimated cost	3,000,000\$

School Health

Item	Quantity	Estimated cost \$
Griseofulvine 100mg syr. (antifungus drug)	20000	10,000
Anti scabies cream	2000	5,000
Anti lice shampoo	20.000	14,000
Stethosope	80	800
Electric snellen charts (with light)	110	2,200

Portable weight and height scale	110	2,200
First aid kits	20	1,400
Medical bags for equipments and forms	17	680
Otoscocpe	17	425
Sphygmomanometer	80	1,200
Total estimated cost		37905\$

Pesticides and equipments required for vector control in the West Bank during 2006

Item	Description	Quantity	Unit price (US \$)	Total Price (US \$)
Chlorpyrifos 480 g/l	Insecticide for sandflies control	3000 liters	13	39000
Cypermethrin 205	Insecticide for flies control	3000 liters	11	33000
Permethrine 20%	Insecticide for mosquitoes control	1000 liters	12	12000
Cyfluthrin 50 g/l	Insecticide for mosquitoes control	1500 liters	16	24000
Paraquat 130 g/l	Herbicide for control of plants on sewage water canals	500 liters	17	8500

Brodifacoum 0.005%	Rodenticide for rats and mice control	4000 kg	6.5	26000
Hand – operated sprayer	- Backpack sprayer -18 LITERS-A tank	2500 sprayers	75	187500
Hydraulic handgun sprayer	500 liters a tank	20 sprayers	1800	3600
Hand portable thermal fog generator	Tank size 8-12 liters	10 generator s	2200	22000
	Grand total			388000

Water Control

Item	Number	Estimated cost
DPDI tablet CL2 Tab for screening	30.000	7500
DPD3 Tab	10.000	2200
Phonel red Ph tab	12.000	12.000
Colorimeter instruments	20	3000
Colorimeter for water	10.000	40.000
Training for 150 staff	150	30.000
Total		94700

Food Control

Item	Number	Estimated cost \$
Thermometer 4x each district	60	30 each x 60 =1800 \$
PH meter 2 x each district	30	40 x 30 =1200\$
Equipment for sampel colletion oil pump, marking pens, labels containers, knives, gloves, alcohol , ice bags	15 districts	150 x15 =2250 \$
Ice box big size	30	40 x 300 =1200 \$
Ice box with battery to keep freezing	15	15 x180 =2250 \$

Digital camera	15 one x district	150 x15 =2250\$
Lamp detector	15	50 x15 =750\$
Kits + reagents for screening food borne diseasee		30.000\$
Training for 150 staff		30.000\$
Total		71700\$

M.C.H+R.H

Item	Number	Estimated cost
Portabel U.S	15	120.000 \$
Faxes	5	20.000\$
Photocopier s	5	40.000\$
L.C.D	4	12.000\$
Lap top	4	8.000\$

Hemeglobinometer & sticks	60	150.000\$
Record & sheets registry forms	1 year	50.000\$
STDs screening		50.000\$
AIDS drugs		50.000\$
Papsmear, mammography kits+ reagents		50.000\$
Contraceptives F.P		50.000\$

Health education materials		20.000\$
Prophylactic treatment for STDs + treatment (Drugs)		150.000\$
Training		30.000\$
Total		800,000 \$

Cancer Prevention + Control

Item	Costs
Establishing 2 units	50.000\$
Protocol+ guidelines	30.000\$
Risk factors identification analysis- prevention	30.000\$
Community awareness	50.000\$
Medical awareness	50.000\$
Training	20.000\$
Total	230,000\$

Chronic D. N.C.D

Item	Costs
Establishing 2 units W.B.+GAZA	50,000
Protocols + guidelines	30,000
Risk factors identification analysis prevention	30,000
Community awareness	50,000
Medical awareness	50,000
Training	20,000
Total	230,000

Occupational Medicine

A	Equipment	Amount required	Cost
	Sound level meter	4	-
	Colorimetric detector tubes for toxic gases (short sampling period tubes)	100	-
	Hand pumps for the above tubes	4	-
	Multigas monitor for combustible gases with visible and or audible alarm	4	-

	O2 monitors	4	-
	CO monitors	4	-
	Indoor environmental monitors for measuring temperature, relative humidity, CO	4	-
	Portable volatile organic compound monitors (direct reading)	4	-
	Total dust sampler (low volume)	4	-

	Occupational	Costs
A	Equipment	150,000
B	Medical awareness	50,000\$
C	Screening kits, reagents	100,000\$
D	Health education materials and awareness campaign	50,000\$
Total		350,000

Material name	Unit	Quantity	Unit Price / NIS	Total Price / NIS
n- TSH Screening Kit	Test	60000	2.5	150000
Anti HBc IgG	Kit	6	700	4200
Anti HBc IgM	Kit	7	583	4081
Anti Hbe	Kit	10	696	6960
Hbe Ag	Kit	10	638	6380
Mumps IgM	Kit	7	1160	8120
Mumps IgG	Kit	7	1160	8120
Anti HAV IgM	Kit	5	1200	6000
Anti Toxo plasma IgM	Kit	4	629.2	2516.8
Anti Toxo plasma IgG	Kit	4	629.2	2516.8
Anti Brucella IgM	Kit	2	1100	2200
Anti Brucella IgG	Kit	2	1100	2200
Anti Rubella IgG	Kit	15	2294.9	34423.5
Anti Rubella IgM	Kit	10	1948.5	19485
Anti Measles IgG	Kit	10	1905.2	19052
Anti Measles IgG	Kit	10	1602.1	16021
PKU Screening Kit	Kit	62000	2.1	130200

Material name	Unit	Quantity	Unit Price / NIS	Total Price / NIS
Flat Bottom Micro plate (96 Well)	Plate	1000	2.4	2400
U-Bottom micro plate (96 Well)	Plate	1000	5	5000
Tips (0.1-1)ml	Package	50	20	1000
Tips (1-250) ul	Package	120	17.5	2100
Tips (1-5) ml	Package	50	27	1350
Bacteriological Peptone	500 g	2	230	460
Sulfonamides	500 g	4	300	1200
N-(1-Naphthyl) ethylene-diamine hydrochloride	25 g	4	1500	6000
Ozone Accu Vac Ampules	25 pillows	4	465	1860
Nessler reagent	500 ml	2	190	380
Electrolyte solution	30 ml	2	150	300
Calcium carbonate	100 g	3	360	1080
Magnesium nitrate	300 g	3	200	600
Silver nitrate	50 g	4	350	1400
Boric Acid	50 g	5	60	300
Acetone	1.25 L	15	150	2250
Acetone HPLC	2.5 L	60	60	3600
Water HPLC	2.5 L	120	60	7200

Material name	Unit	Quantity	Unit Price / NIS	Total Price / NIS
Methanol HPLC	2.5 L	60	30	1800
n-Hexane HPLC	2.5 L	2	80	160
Propanol HPLC	2.5 L	2	140	280
Tetrahydrofurane HPLC	2.5 L	2	180	360
Ethanol HPLC	2.5 L	30	310	9300
Methanol HPLC	2.5 L	25	30	750
Buffer solution ph 4.01	500 ml	4	70	280
Buffer solution ph 7.01	500 ml	4	70	280
Buffer solution ph6.86	230 ml	2	160	320
Benzene	1.25 L	3	150	450
Toluene	1.25 L	5	40	200
Glacial acetic acid	1.25 L	20	40	800
Ammonium hydroxide	1.25 L	4	15	60
Acetone	1.25 L	5	108	540
Chloroform	1.25 L	30	200	6000
Diethyl ether	1.25 L	30	60	1800
Petroleum ether	1.25 L	30	40	1200
Sodium hydroxide	1 kg	4	25	100

Material name	Unit	Quantity	Unit Price / NIS	Total Price / NIS
Sulfuric Acid	1.25 L	3	40	120
Nitric Acid	1.25 L	2	30	60
Pumice stones	1 kg	2	356	712
Cetrimide agar base	500 g	1	300	300
Tryptic soy broth	500 g	3	107	321
Lactose broth	500 g	1	202	202
Tryptic soy agar	500 g	5	195	975
Modified letheen agar	500 g	5	386	1930
Chloramphenicol yeast glucose agar	500 g	40	232	9280
Potassium iodide	500 g	6	243	1458
Potassium sulphate	1 kg	1	95	95
Resorcinol	200 g	3	90	270
Sodium thiosulphate pentahydrate	500 g	4	42	168
Octadecyl silane chemically bonded to porous silica or ceramic , microparticles (RP18.5um,125*4mm)	Single	5	2000	10000
Octadecyl silane chemically bonded to porous silica or ceramic , microparticles (RP18.5um,250*4mm)	Single	2	2000	4000
Octyl silane chemically bonded to totally porous silica particles, RP-8 select B, 5um, 125*4mm	Single	5	2000	10000

Material name	Unit	Quantity	Unit Price / NIS	Total Price / NIS
Aminopropylsilane chemically bonded to totally porous silica gel support 10um (4mm*125mm)	Single	1	2000	2000
Phynyl groups chemically bonded to porous silica particle (5-10)Um (4mm*125mm)	Single	1	2000	2000
Porous silica particle 5-10 micrometer , 4*150mm	Column	2	2000	4000
Porous silica particle 5-10 micrometer , 4*250mm	Column	2	2000	4000
Precolumn for all of the column above	operculum	70	80	5600
Autoclavable screw tubes with cover	Tube	500	3.9	1950
Petri dishes 9 cm	Plate	100000	0.25	25000
Petri dishes 5 cm	Plate	20000	0.24	4800
Serile plastic tube screw with cover ,15ml volume	Tube	10000	1	10000
Erlenmeyer flask 2 liter	Flask	50	60	3000
Millipore filter 0.45 um	Filter	20000	1.2	24000
MHPC Agar	500 g	5	230	1150

Material name	Unit	Quantity	Unit Price / NIS	Total Price / NIS
Rappaport vassilliadis broth	500 g	8	240	1920
Plate count agar	500 g	40	157	6280
Eosin methylene blue agar	500 g	20	140	2800
Violet red bile lactose agar	500 g	30	121	3630
Baird parker agar	500 g	20	250	5000
Egg youlk tellurite emulsion	Vial	40	96	3840
Egg youlk emulsion	Vial	10	96	960
Staphylase Kit	Kit	2	334	668
Oxidase discs	Disc	30	1.8	54
Metal loop for microbiology	loop	4.8	20	96
Brilliant green agar	500 g	20	208	4160
XLD Agar	500 g	30	179	5370
API 20 E Biomerux	Kit	5	387	1935

Material name	Unit	Quantity	Unit Price / NIS	Total Price / NIS
Macconky sorbitol agar	500 g	1	232	232
Bacillus cereus agar	500 g	2	202	404
Bacillus cereus supplement	Vial	10	34	340
Gram stain kit	Kit	2	148	296
Sudan black stain	25 g	10	234	2340
Tryptose sulphite cycloserine supplement	Vial	15	30	450
Fraser selective supplement	kit	2	174	348
Oxford selective supplement	box/10 vial	1	444	444
API Listeria biomerux	Kit	2	393	786
Glass rod 20 cm length	Rod	30	10	300
ITC Broth	500 g	3	234	702
Celfsulodin irgasan novobiocin agar	500 g	1	350	350
Yersinia selective supplement	Vial	10	30	300
Autoclavable racks for blue tip	Rack	40	30	1200
Urine cup non sterile	Box/1000	10	200	2000
Urine cup sterile	Box/200	100	50	5000
Round bottom flask 500 ml	Flask	30	44	1320
Round bottom flask 250 ml	Flask	30	26	780

Material name	Unit	Quantity	Unit Price / NIS	Total Price / NIS
volumetric flask 10 ml	Flask	50	14	700
Salmonella test kit	Kit	1	780	780
Polypropylene tube 2ml / pack of 1000	pack.	2	709	1418
PCR Tube / pack of 1000	pack.	2	211	422
Flex DNA Polymerase 100 unit	Vial	8	303	2424
Flex DNA Polymerase 500 unit	Vial	2	1201	2402
Cobas Amplicor HBV monitor kit version 2.0	Kit	8	11000	88000
Cobas Amplicor HCV monitor kit version 2.0	Kit	2	11000	22000
100 bp DNA ladder	Vial	4	457	1828
D-CUPS /Box of 12	Box	8	137	1096
Cobas Amplicor A-RING/Box of 24	Box	8	150	1200
Cobas Amplicor wash buffer/ Box of 2 bottle	Box	6	400	2400
Free powder gloves	Box	50	28.6	1430
Aerosol barrier tip 5-250 ul/ box of 10	Box	15	240	3600
			Grand Total (NIS)	797782.1
			Grand Total (\$)	178474.7

CARS NEEDED TO HEALTH DIVISIONS IN ALL DISTRICTS

Public health division	No.of cars	Car needs	Price
Ramallah & Albireh	4	Preventive medicine, School Health, Inv. Health, Administration	\$81000
Jerusalem	4	Preventive medicine, School Health, Inv. Health, Administration	\$81000
Beit Lehem	4	Preventive medicine, School Health, Inv. Health, Administration	\$81000
Jericho	5	Preventive medicine, School Health, Inv. Health, Administration	\$81000
Hebron	5	Preventive medicine, School Health, Inv. Health, Administration	\$81000

Nablus	5	Preventive medicine, School Health, Inv. Health, Administration	\$81000
Tulkarem	5	Preventive medicine, School Health, Inv. Health, Administration	\$81000
Qalquilia	5	Preventive medicine, School Health, Inv. Health, Administration	\$81000
Jenin	5	Preventive medicine, School Health, Inv. Health, Administration	\$81000

Primary Health Care	1	Administrative Works	\$2700
Total	41	----- -----	1.107.000
Cost per car 27.000\$ excluded the taxes			

Construction clinics through projects

District	MTP/Construction	World Bank	USAID
Ramallah	Deir As sudan,Beit Aour, Ras Karkar	Beitunia, Beit Aour	Ras Karkar, Deir as sudan
Jerusalem	Al-Ram	Al-Ram	-
Bethlehem	Aiyda camp, Khalet Al-Khas, Al-Hajaleh, Wad Al-Nees, Khalet Afaneh, juret Asham'a, Marah Mu'la, Zakaria, Batir,dar Rahal, Kherbet Adei	Bethlehem directorate	Al-AGwar Al-Wsta, Marj Al-Gazal ,Jericho Directorate
Hebron	Beit Awa,Ein sara,(Tawas, Atous, Jamrora,Shriyqa, Abu Swehla ,Om Bagla	Khalet Al-Maiya, Beit awa	Yata, Ein Sara, Khalet Al-Maiya, Beit Awa.

Nablus	Balata, Nablus Directorate Add Third Floor& warehouses, Aluban Al-Sharqee, Odlá, Aseera Al-Qibliya, Jureesh, Duma, ZAwata, Al-Jabal Al-Shamaly .	Qusra, Aqraba	Balata, Aluban Al-Sharqee, Odlá, Aseera Al-Qibliya, Jureesh, Duma, ZAwata, Al-Jabal Al-Shamaly
Tulkarem	Tulkarem Directorate	Anabta, far'oun	Zanabeh, Irtah, Iktaba, Shufa
Qaqilia	Jensafout, Haja, (beit amin, flamiya, habla)	Jensafout, Haja	-
Salfit	Qarawa, Bruqin, (Qira)	Qarawa bani Hassan, bruqin	Qira, Masha
Jenin	Jenin directorate, Arrabeh		Tammun, Anza, Kfert, Bart'a(Daheer Almaleh ,Om Al-Rihan), Tura
Jerico	--	--	--

Suggested Clinics for Rehabilitation on Project

District	MTP/Construction	World Bank	USAID
Ramallah	-	-	-
Jerusalem	-	Beir Nabala, Al-Eizariya MCH	-
Jericho	Environmental department in Jericho Directorate	Al-Dewk, Al-Nu'emeh	Bardla, Ein Al-Beda
Bethlehem	Beit Ola, Al-Dahriya	Al-Obiydia	-
Hebron	Central clinic, Nablus Directorate	-	Idna, Beit ola, Al-Dahriya, Al-Burj, Al-asmou'
Nablus		-	

Tulkarem	-	-	-
Qalqilia	-	-	-
Salfit	Mas-ha	-	-
Jenin	-	-	-

Nutrition

Item	Cost
Flour fortification equipment /kits	250,000
Salt iodization	25,000
Vit A+D supplies	M.C.H
Folic acid +iron supplies	M.C.H
Screening	M.C.H
Nutritional survey	200,000
Total	475.000

Mental Health

Item	Costs
Training	100,000
Rehabilitation centers	500,000
Transportation	100,000
Protocols + guideline	50,000
Total	750,000

Conclusion

- Immunization, Surveillance, Screening
- Water control, Food control
- Diseases prevention and control
- National programs school health
(Reproductive health, MCH, Nutrition)

All national health programs could be only
implemented successfully through the
MoH.