



# 2018

## Project Proposal

### Provision of Lab Reagents & Consumables for Gaza Hospitals and Primary Healthcare Center



The Palestinian Ministry of  
Health  
INTERNATIONAL COOPERATION  
DEPARTMENT



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<b>Project Name</b>	Provision of reagents and consumables for Labs in Gaza Hospitals and Primary Healthcare Centers.
<b>Beneficiary Institution</b>	13 hospitals and 49 primary healthcare centers.
<b>Beneficiary Group</b>	4.5 million Tests are performed to 2million people in Gaza Strip.
<b>Estimated Budget</b>	4,686,501 USD
<b>Duration</b>	12 months.
<b>Importance of the Project</b>	To continue providing health services, and improve the quality of services.
<b>Project Summary</b>	The project proposes supplying Gaza hospitals and primary health care services with lab reagents and consumables to enable 50 labs to carry out 4.5 million tests in each year, which enables the medical team to make right decisions and right management of Gaza Patients. These labs in Gaza hospitals and clinics are suffering from the scarcity of the consumables, which are crucial in performing the tests, since there are 20% of items are at zero stock.
<b>Introduction</b>	<p>The Palestinian Ministry of Health is the main provider of primary and secondary health services to more than 2 million people in the Gaza Strip. These services are provided through 13 hospitals and 49 primary care centers.</p> <p>Health Facilities carry out more around 4.5 million blood tests and others, which enable the medical team in hospitals and clinics to make the right diagnosis and consequently the right decision to manage the patients in Gaza Strip. The tests are done through 50 labs in hospitals and clinics, which are operated by 462 qualified lab technicians.</p> <p>The lab reagents and consumables are considered as operational elements of the primary and secondary health services at Gaza health facilities which. The 50 labs in hospitals and clinics rely on around 658 different items to perform the required tests.</p>
<b>Problem Description</b>	Recently, around 20% of the required items are at zero stock, which seriously threatens the health services supply since the chaos, which the medical team may face in making right diagnosis and right decision.



### Project Description

The tests will involve but not only the following :

- Viruses' tests: which detects hepatitis A, B and C, HIV ... etc.
- Biochemistry: detects serum minerals like calcium and materials like bilirubin.
- Blood Bank tests: identify the blood type.
- CBC: gives indicator about hemoglobin, red blood cells, and white cells.
- Coagulation test: measures the blood coagulation.
- Endocrine tests: measures the hormones in plasma like insulin, thyroid.
- Immunology test: detects immunoglobulin's, which reflects sensitivity.
- Microbiology: measures the sensitivity of organisms in vitro to antibiotics.
- Others: kits and consumables

### Project Objectives

- To provide Gaza Hospitals and clinics with **viruses tests** for one year.
- To provide Gaza Hospitals and clinics with **Biochemistry** tests for one year.
- To provide Gaza Hospitals and clinics with **Blood Type tests** for one year.
- To provide Gaza Hospitals and clinics with **CBC reagents** for one year.
- To provide Gaza Hospitals and clinics with **Coagulation tests** for one year.
- To provide Gaza Hospitals and clinics with **Hormones tests** for one year.
- To provide Gaza Hospitals and clinics with **Immunity tests** for one year.
- To provide Gaza Hospitals and clinics with **microbiology test materials** for one year.
- To provide Gaza Hospitals and clinics with **other test materials** for one year.

### Project Justification

- Around 20% of lab reagents and consumables are at zero stock in Gaza hospitals and primary healthcare centers.
- Reagents and consumables are crucial to perform more than 4.5million tests in Gaza health facilities.
- The medical team in will be able to make the right diagnosis and the right decision in managing the patients in Gaza.

### Project Outcomes

- The 50 labs in Gaza health facilities will be able to carry out 4.5 million tests.
- The medical team will be able to manage patients in Gaza.
- The complications that the patients in Gaza might face will be minimized.



✓ Budget Breakdown:

No	list	No. of	Total price\$
1	Biochemistry	98	532,127
2	Blood bank	39	418,954
3	Chemicals	94	56,494
4	Disposable and glass ware	76	561,540
5	Endocrinology	24	272,250
6	Immunology	19	67,056
7	Blood gases and electrolyte	63	663,372
8	Cell counter	16	690,710
9	Coagulometers	15	127,964
10	Electrophoresis	13	12,604
11	R.T PCR	45	92,890
12	Microbiology	138	269,340
13	Pathology	139	66,031
14	Serology	16	56,894
15	Virology	12	776,862
16	Small Instrument	6	21,411
	Total	813	4,686,501

- Please find the attached Lab Lists (17 item)