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# LOCAL DEVELOPMENT II URBAN PROJECT

Submitted to

**USAID / CAIRO**

Submitted by

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in association with

PUBLIC ADMINISTRATION SERVICE  
DEVELOPMENT CONSULTING OFFICE

DELOITTE HASKINS AND SELLS  
ENGINEERING AND GEOLOGICAL  
CONSULTING OFFICE

**Needs Assessment Report**  
**For**  
**Education, Health and Youth Facilities**  
**East District - Port Said Governorate**

## Table of Contents

<u>Subject</u>	<u>Page No.</u>
<b><u>Introduction :</u></b>	
1- Location	1
2- Area	1
3- Population	1
4- Report Components	1
<b><u>I- Educational Facilities :</u></b>	
1- Standards.	2
2- Educational Facilities.	2
3- School Shifts.	2
4- Educational Facilities Status.	2
5- Student Density and Needs for Classrooms.	2
6- Expected Future Increases.	2
7- Deficiencies and Shortages in Educational Facilities.	6
8- Development Potential in Educational Services.	6
9- Needs Assessment and Estimated Costs.	6
<b><u>II- Health Facilities :</u></b>	
1- Policies and Standards of Public Health.	8
2- Health Facilities.	8
3- Deficiencies and Development Potential in Health Services.	8
4- Needs Assessment and Estimated Costs.	8
<b><u>III- Youth Facilities :</u></b>	
1- Standards	14
2- Youth Facilities	14
3- Needs Assessment and Estimated Costs.	14

## Tables

<u>Table</u>	<u>Page No.</u>
<b>I- <u>Education :</u></b>	
- Survey summary of Basic Data and observations for educational facilities, E-2	3
- School physical conditions summary sheet, E-3.	4
- Classroom projections : Additional classrooms table constructed, E-4.	5
- Multi - year capital improvements program, educational facilities, E-5.	7
<b>II- <u>Health</u></b>	
- Summary of Basic Data and observations for public Health Facilities, H-2	9,10
- Multi - year capital improvements program, Health Facilities, H-3	11,12,13
<b>III- <u>Youth</u></b>	
- Survey summary of Basic Data and observations for Public Youth Centers, Y-2	15
- Multi - year capital improvements program, Youth Facilities, Y-3	16
<b>Note :</b>	
Tables E-1, H-1, and Y-1 are individual field survey forms and are only in Arabic.	

## **INTRODUCTION**

## **Introduction**

### **1- Location :**

East district is situated in the east side of Port Said Governorate.

It is bordered by the sea to the north and the El Raswa bridge to the south.

It is considered as the first of Port Said's districts due to its good location over looking the sea and the Suez Canal. More over, it is a meeting point for all visitors. It is famous for its tourism activity due to the existence of the Port, the Port Said Museum, the Military Museum and El Nowras village. East District includes commercial activity and the investment industrial area.

### **2- Area :**

The area of the district is 4.235 km<sup>2</sup>.

### **3- Population :**

The population of the district is approximately 41,111 persons.

### **4- The report components :**

This report includes three sections :

- Section I : Education Facilities.
- Section II : Health Facilities.
- Section III : Youth Facilities.

**Section I**  
**Educational Facilities**

East district offers educational services to its residents through its Primary, Preparatory and Secondary schools. There are 10 schools with 143 classrooms accommodating 8697 students in the different education stages.

**1- Standards :**

- a- Classroom density: (40) Primary / Preparatory, (36) Secondary (general education), (32) Secondary (technical education).
- b- Full day system (one shift).
- c- One urinal and one toilet per 20 students of the first hundred. One to three urinals and toilets for each additional hundred.
- d- One W.C. for each floor of the school.
- e- One desk for each 2 students of the Primary Stage.  
One desk for each student of the Preparatory and Secondary Stages.
- f- The minimum classroom number for a Primary or Preparatory school is 18.  
The minimum classroom number for a Secondary school is 18 to 24.

**2- Education Facilities :**

Enrollment and condition data is displayed on table E-2.

**3- School Shifts :**

- a- 4 Schools (40%) have one shift only.
- b- 6 Schools (60%) have two shifts.

**4- Educational Facilities Status :**

(Table E-3)

**5- Students Density and Needs For Classrooms :**

(Table E-4)

**6- Expected Future Increases:**

Expected future increase is 2.7% annually.

Governorate : Port Said  
District : East

## SURVEY SUMMARY OF BASIC DATA &amp; OBSERVATIONS FOR EDUCATIONAL FACILITIES

Date Prepared: 1989

FACILITY					ENROLLMENT BY SHIFT									CONDITIONS (4)				EXPAN- SION POT. (5)
					FIRST			SECOND			THIRD							
CODE NO.	NAME	OWNER- SHIP (1)	TYPE SCHOOL (2)	SEX (3)	CLASS- ROOMS	STUD- ENTS	AVE. DENS.	CLASS- ROOMS	STUD- ENTS	AVE. DENS.	CLASS- ROOMS	STUD- ENTS	AVE. DENS.	BUILD- ING	LIGHT- ING	EQUIP- MENT	W.C.	
1	El Nile	R	P	B	10	170	17							D	C	C	C	N
2	El Taymoreya / El malek Feysal	G	P	B	10	460	46	10	450	45				B	B	B	D	V
3	El Kanal	G	P	B	9	423	47							A	A	A	C	V
4	Amr Ebn Elas/ Aly Ebn Aby Taleb	G	P	B	15	655	44	15	631	42				A	B	B	C	V
5	El Zaher / El Fath	G	P	B	9	321	36	11	400	36				A	A	B	B	V
6	Om El Moamenen / Hamed El Alfy	G	P	B	6	291	49	7	277	40				A	A	B	C	V
7	El Farma / El Andalos	G	P	B	11	505	46	11	412	37				A	A	B	B	V
8	Aly Mobarak	G	P	B	17	922	54							A	A	B	C	N
9	El Kanal / El Malek Feysal	G	PR	M	30	1121	37	30	973	32				A	A	B	B	N
10	El Mosheer Ahmed Ismail	G	S	F	26	686	26							B	C	C	C	H/V

NOTES: 1. Ownership - G (Government), R (Rented), MO (Moana)  
 2. Schools - P (Primary), PR (Preparatory), S (Secondary), SE (Special Education)  
 3. Sex - F (Female), M (Male), B (Both)  
 4. Conditions - A (Good), B (Fair), C (Poor), D (Serious)  
 5. Expansion Potential - H (Horizontal), V (Vertical), N (No)

Source: Wilbur Smith and Associates

Schools, Physical Condition  
Summary Sheet

Governorate: Port Said  
District : East

Date Prepared: 1989

School Type	Total No. of Schools	Physical Condition																Expansion Potential					
		Government				Rented				Moana				Total				Governorate					
		A	B	C	D	A	B	C	D	A	B	C	D	A	B	C	D	V	H				
Primary	8	6	1	-	-													6	1	-	1	6	-
Preparatory	1	1	-	-	-													1	-	-	-	-	-
Secondary Commercial	1	-	1	-	-													-	1	-	-	1	1
Special Education																							
<b>TOTAL</b>	<b>10</b>	<b>7</b>	<b>2</b>	<b>-</b>	<b>-</b>				<b>1</b>									<b>7</b>	<b>2</b>	<b>-</b>	<b>1</b>	<b>7</b>	<b>1</b>
																		<b>7</b>	<b>1</b>	<b>School</b>	<b>Schools</b>		

Expansion potentials are only for Government-owned Schools

H is horizontal, V is vertical, provide No. of classrooms which have potential for expansion

A = Good (needs only periodical maintenance, for example, painting & minor repairs) <10% of facility needs work

B = Fair (needs some renovations, for example, replacing of sewer risers, door frames & stair steps); 10-25% of facility needs work

C = Poor (needs major upgrading); > 50% of facility needs work

D = Serious (including building subject to failure or not economical to repair)

ES/E-3EP



**7- Deficiencies and Shortages in the Educational Services :**

- a- There is no vacant land allocated for the educational services.
- b- Vacant lands are rare.
- c- There are no financial resources to purchase the land even if it is available.
- d- Expansion is only possible in a way which cannot meet the expected future increases.

**8- Development Potential in Educational Services :**

- a- From (Table E-4) the need for classrooms is apparent, according to the projected increases (Item 6), in the coming 5 years.
  - In case the second shift is cancelled with the classroom density meeting the standard, an additional 112 classrooms are needed. This means constructing approximately 22 classrooms per year.
- b- It is essential that the district:
  - 1- Increase the funds allocated for maintenance works.
  - 2- Provide equipment and furnitures for classrooms, labs. and workshops.
  - 3- Construct additional classrooms. This depends upon the available expansion potential.
  - 4- Raise the efficiency level of the teachers by means of holding training courses for them.
  - 5- Use modern educational aids.

**9- Needs Assessment and Estimated Cost :**

(Table E-5)

The total estimated cost is LE 407,000.

## MULTI-YEAR CAPITAL IMPROVEMENTS PROGRAM

## EDUCATIONAL FACILITIES

Governorate : Port Said  
 District : East

Date Prepared: 1989

Facility Titles	Description of Improvement	Total Estimated Cost (LE)
1- El Nile Prim. Sch.	- Needs new building	400,000
2- El Malek Feysal Prim. Sch.	- General maintenance.	3,000
3- El Kanal Prim. Sch.	- Maintenance of W.C.s.	1,000
4- Amr Ebn Ellass Prim. Sch.	- Maintenance of W.C.s.	3,000
	TOTAL	407,000

ES/E-5FP

## Section II

### Health Facilities

#### 1- Policies and standards of Public Health :

Following are the policies and standards of public health as per Alexandria Governorate Health Dept. in 1983:

- a- Average number of beds per hospital is 200. One hundred beds are first established then the other hundred.
- b- Maximum number of beds per hospital is 400.
- c- The number of beds fluctuates between 35 and 40 per 10,000 persons in the population served.
- d- 4 hospitals per 200,000 persons.
- e- One health center for each 10,000 persons.
- f- One Urban health center consisting of an out patient clinic, a school health center, a health office and a mother/child care center for each 50,000 persons.

#### 2- Health Facilities :

(Table H-2)

#### 3- Deficiencies, Shortages and Development Potential in Health Services :

- a- Shortage of the medical equipment.
- b- No land is allocated for health services.

Also, the efficiency level as the health services can be raised by :

- 1- Providing equipment for health establishments.
- 2- Regular maintenance for health establishments.
- 3- Providing spare parts for equipment maintenance.
- 4- Holding training sessions for physicians and technical staff.

#### 4- Needs Assessment and Estimated Cost :

(Table H-3)

The total estimated cost amounts to L.E. 1,422,150



Government of Port Louis  
District of East

SUMMARY OF RADIO DATA AND OBSERVATIONS OF  
PUBLIC HEALTH FACILITIES

Date Prepared: 1999

No.	FACILITY NAME	EST. / DE. / REPAIRS	STAFF		TREATMENT	EQUIP.	AVERAGE	IN-PATIENT		TREATMENT	BUILDING	FACILITY CONDITION					SIP		
			TECH. STAFF	NURSES				NO. PATIENTS	NURSES			SEEDS	TREATMENT	SEEDS	WATER	W.C.		W.C.	
												ROOF	WALLS	FLOORS	STAIRS	WATER	W.C.	W.C.	
5	Bacteriological Lab.	19. East Boveri	A	C	B	-	Food analysis for Bacteria.					E	N	N	N	N	E	E	-
6	Food Lab.	19. East Boveri		E								E	N	N	N	N	E	E	-
7	Chemical Lab.	19. East Boveri		R		A	Reported Food Analysis					E	N	N	N	N	E	E	-
<p>NOTES: 1) Facility condition = A (Good), B (Fair), C (Poor), D (Serious) 2) Expansion potential = H (horizontal), V (vertical), N (No)</p>																			

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MULTI-YEAR CAPITAL IMPROVEMENTS PROGRAM

Governorate : Port Said  
District : East

HEALTH FACILITIES

Date Prepared: 1989

Facility Title	Description of Improvement	Total Estimated Cost (LE)
Port Said Public Hospital	<ul style="list-style-type: none"> <li>- Renal Dialysis apparatuses</li> <li>- Oxygen tents for burns</li> <li>- Mask Anesthesia apparatuses</li> <li>- Wheel Chairs for patients</li> <li>- Prepare of Neuro-Surgical operations theater</li> <li>- Improvement of lighting</li> <li>- Preparing of burns section</li> <li>- Construction of additional f'oor for physicians staff</li> <li>- Preparing the lab. for intensive care.</li> <li>- Electrical elevator for the old building</li> <li>- Blood analysis apparatus.</li> <li>- Electro-Cardiographic apparatus</li> <li>- Restoring the kitchen</li> <li>- Drying apparatuses in Laundry room</li> <li>- Equipment for E.M.T. section</li> <li>- Salt analysis apparatuses</li> <li>- Allmetal face for the Hospital</li> <li>- Following up monitor for Heart, Pressure and Electric shocks.</li> <li>- Curtains between patient's beds.</li> </ul>	<p>48,000</p> <p>60,000</p> <p>10,000</p> <p>85,000</p> <p>60,000</p> <p>60,000</p> <p>50,000</p> <p>3,000</p> <p>40,000</p> <p>60,000</p>

MULTI-YEAR CAPITAL IMPROVEMENTS PROGRAM

Governorate : Port Said  
District : East

HEALTH FACILITIES

Date Prepared: 1989

Facility Title	Description of Improvement	Total Estimated Cost (LE)
- Quarantine	<ul style="list-style-type: none"> <li>- Speedy boats</li> <li>- Ambulance car</li> <li>- Fixed wireless sets.</li> <li>- Wireless Sets</li> </ul>	<ul style="list-style-type: none"> <li>600,000</li> <li>100,000</li> <li>24,000</li> <li>9,000</li> </ul>
- Toxicology Lab.	<ul style="list-style-type: none"> <li>- Chemical toximeter apparatus</li> <li>- Blood analysis apparatus</li> <li>- Repair the floor &amp; the lab. bathroom</li> <li>- Minerals toximeter apparatus</li> <li>- Repair of ceiling and stairs of the lab.</li> <li>- Construction of chemical store (50m<sup>2</sup>)</li> <li>- Scientific books and shelves.</li> </ul>	<ul style="list-style-type: none"> <li>30,000</li> <li>60,000</li> <li>100,000</li> <li>5,000</li> </ul>
- Bacteriological Lab.	<ul style="list-style-type: none"> <li>- Repair the bathroom.</li> <li>- Construction of store (50 m<sup>2</sup>)</li> </ul>	
- Food Chemical Lab.	<ul style="list-style-type: none"> <li>- Measuring of SO<sub>2</sub> percentage apparatus</li> <li>- Holders &amp; Clippers</li> <li>- Electrical balance</li> <li>- Electrical heater</li> <li>- Heat distribution network</li> <li>- Auto heater</li> <li>- Measuring of CO<sub>2</sub> percentage apparatus</li> <li>- Repair the ceiling of the lab.</li> <li>- Construction of store (100m<sup>2</sup>)</li> </ul>	<ul style="list-style-type: none"> <li>500</li> <li>500</li> <li>6,000</li> <li>500</li> <li>300</li> <li>500</li> <li>300</li> </ul>

MULTI-YEAR CAPITAL IMPROVEMENTS PROGRAM

Governorate : Port Said  
District : East

HEALTH FACILITIES

Date Prepared: 1989

Facility Title	Description of Improvement	Total Estimated Cost (LE)
- Chemical Lab. (for food analysis)	- Small wash machine - Over-heated electric oven - Electric fans for walls - Electric heaters for the Lab. - Construction of store and bathroom	150 7,000 800 1,600
TOTAL		1,422,150

ES/H-3EP3

### Section III

#### Youth Facilities

1- Standards

- a- One youth center for each 10,000 persons.
- b- The typical youth center should occupy approximately 5.5 feddans.
- c- Each center includes a swimming pool.
- d- Provide facilities to serve 80% of the district's youth. It is assumed that the other 20% will use facilities in private clubs.

2- Youth Facilities

(Table Y-2)

3- Needs Assessments and Estimated Cost :

(Table Y-3)

The total estimated cost amounts to L.E. 135,000.

Governorate : Port Said  
 District : East

Survey carried out during 1974 and 1975

Date Prepared: 1975

NO.	FACILITY				FACILITY CONDITION										EXPANSION POTENTIAL (2)
	NAME	TYPE OF FACILITY	ACTIVITIES PROVIDED	MEMBERSHIP	APPROXIMATE AREA SERVED	APPROXIMATE POPULATION SERVED	CEILING	EQUIPMENT	W.C.	LIGHTING	PLAYGROUND	WATER SUPPLY	SURROUNDING AREA		
1	El-Dahl Club	Sports and social club	All activities	Club	El-Mad and East District	20,000	B	B	B	B	B	B	A	V	

NOTES: (1) Facility condition - A (Good), B (Fair), C (Poor), D (Serious)  
 (2) Expansion potential - H (horizontal), V (vertical), N (No) - units of m<sup>2</sup>

ES/Y-2EP

## MULTI-YEAR CAPITAL IMPROVEMENTS PROGRAM

## YOUTH FACILITIES

Governorate : Port Said  
 District : East

Date Prepared: 1989

Youth Facility	Description of Improvement	Total Estimated Cost (LE)
1- El Omal Club.	Theater preparing Construction of additional floor Construction of computer center Maintenance and fixing of doors and windows. Construction of additional floor	30,000 20,000 30,000 10,000 45,000 -----
	TOTAL	135,000

ES/Y-3EP

SOURCE OF TABLES

Table

Sources

E-2 & E-5

District

H-2 & H-3

District

Y-2 & H-3

District

E-3 & E-4

Wilbur Smith Associates