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LOCAL DEVELOPMENT II URBAN PROJECT

Submitted to

USAID / CAIRO

Submitted by

WILBUR SMITH ASSOCIATES

in association with

PUBLIC ADMINISTRATION SERVICE
DEVELOPMENT CONSULTING OFFICE

DELOITTE AND TOUCHE
ENGINEERING AND GEOLOGICAL
CONSULTING OFFICE

Needs Assessment Report
For
Education, Health and Youth Facilities
Cairo Governorate - El Sahel District

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INTRODUCTION

Introduction:

El Sahel District is one of Cairo Governorate's Districts. It is one of the Northern Zone areas. The Decree No.994 of the Prime Minister was issued on Sept. 4, 83. This Decree included the establishment of a new District called El Sahel that includes El Sahel Police Station, in addition to the modification of the boundaries of North Cairo District to include Rod El Farag Police Station and changing its name to Rod El Farag District. These boundaries were actually modified on Dec. 17, 88.

1. **Location:**

El Sahel District is surrounded by the following:

El Ismailia Canal on the North:

Cornish El Nile on the West:

Ahmed Helmi St., Aboud tunnel and El Semad St. on the East up to Ismailia Canal on the North.
Mikhaeel Saleeb St. starting from Ahmed Helmi, Khouloussy St., Rod El Farag St. up to Salizian Institute and Abdel Kader Taha St. on the South

2. **Area:**

The area of the District is approximately 6.50 Km².

3. **Population:**

The population according to the latest census is 529,400 persons.

4. **The Report Components:**

This report includes three sections:

Section I: Educational Facilities

Section II: Health Facilities

Section III: Youth Facilities

Section I
Educational Facilities

1. Standards:

- a. Classroom density: (40) Primary / Preparatory; (36) Secondary (General Education); and (32) Secondary (Technical Education).
- b. Full day system (one shift).
- c. One urinal and one toilet for each (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 number of classrooms for a Primary or Preparatory school is 18. The minimum number of classrooms for a Secondary school is 18 to 24.

2. Educational Facilities:

(Table E-2)

3. School Shifts:

- a. (43) Schools (55%) have one shift only.
- b. (35) Schools (45%) have two shifts.

4. Educational Facilities Status:

(Table E-3)

5. Student Density and Needs for Classrooms:

(Table E-4)

6. Expected Future Increases:

The expected future increase is 2.7% annually.

7. Deficiencies and Shortages in The Educational Services:

- a. There is a large number of rented and moana schools.
- b. There is no land assigned for the educational services.
- c. There is no vacant land within the district boundaries.
- d. There are no financial resources allocated for the purchase of land.
- e. The insufficient amounts of equipment and furniture.

Governorate : Cairo
District : El Sahel

SURVEY SUMMARY OF BASIC DATA & OBSERVATIONS FOR EDUCATIONAL FACILITIES

Date Prepared: 1967

FACILITY		ENROLLMENT BY SHIFT											CONDITIONS (4)				EXPAN- SION POT. (5)	
		FIRST			SECOND			THIRD					BUIL- ING	LIGHT- ING	EQUIP- MENT	N.C.		
CODE NO.	NAME	Grads- B-TF (1)	TYPE SCHOL. (2)	SEX (3)	CLASS- ROOMS	STUD- ENTS	Ave. DENS.	CLASS- ROOMS	STUD- ENTS	Ave. DENS.	CLASS- ROOMS	STUD- ENTS					Ave. DENS.	BUIL- ING
1	Abu Eln- El Sedki	E	F	E	30	1376	47	31	1240	40				A	B	B	C	A
2	El Iadesseya	E	F	E	12	517	43	12	511	42				A	B	B	B	N
3	El Sayeda Khadiga	E	F	E	13	506	39	12	522	41				A	B	B	B	N
4	Ratec	E	F	E	10	326	32							A	B	B	B	N
5	El Kahal	E	P/Pr	B/M	11	324	29	11	292	27				B	A	B	B	N
6	Madavei Shoubra for Boys	F	P	E	6	203	34							A	C	E	B	N
7	El Azhar	F	F	E	6	215	36							E	C	E	C	N
8	El Ezza	F	P/Pr	E/B	6	165	28	6	150	25				E	C	B	B	N
9	El Falah	F	P	B	9	256	28							E	C	B	B	N
10	Bahethat El Badya	E	F	E	15	705	47	15	646	43				E	C	B	B	N
11	Assar Ebn Yasser	E	F	E	13	592	46	12	569	45				B	B	B	B	N
12	El Nanda El Maditha	E	F	E	13	615	48	13	539	41				A	C	B	C	N
13	El Gohary	F	F	E	11	400	36							B	B	B	C	N
14	El Nekaa	E	F	E	6	191	32							B	B	B	C	N
15	Shagaret El Berr	E	F	E	14	585	42	11	581	35				A	C	E	B	N
16	El Gull	E	F	E	10	318	32							E	C	B	B	N
17	Hafec Ibrahim (Languages)	E	P/Pr	E	10/10	420/400	32/32							E	C	E	E	N
18	Madavei Shoubra (Mixed)	F	F	E	17	600	35							A	E	A	E	N
19	El Ashraf	F	F	E	22	926	42							E	C	E	E	N
20	El Rashed	M	E	E	9	310	34							E	C	E	F	N
21	Fateh El Madawa	E	F	E	15	671	45							E	C	E	B	N
22	Gusan Ebn Affar	E	F	E	24	1195	50							A	C	E	B	N
23	Talaat Harb	E	F	E	15	670	45	7	300	44				A	A	A	A	N
24	El Sayeda Rokaya	E	F	E	14	560	40	14	541	39				A	B	B	B	N
25	El Goshouria	E	F	E	15	617	54							A	C	B	C	N
26	Rabaah El Adawa	E	F	E	21	876	42	21	870	42				A	A	B	C	N
27	El Sahel	E	F	E	12	496	41	12	435	36				A	A	B	C	N
28	Mohamed Farid	E	F	E	25	1191	48							E	C	B	C	N
29	Tarek Ebn Ziad (Languages)	E	P/Pr	E	11/11	430/400	36/36							E	C	B	C	N
30	Mensel El Sereq	E	F	E	15	616	41							A	A	B	A	N
31	Abdalla El Hadia	E	F	E	11	541	49	11	451	41				A	A	E	A	N
32	Saad Ebn Abu Awwad	E	F	E	27	1070	40	6	226	38				A	A	E	A	N

NOTES: 1. Ownership: - G (Government), P (Rented), MO (Moana)
2. Schools: - P (Primary), PP (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

Governorate : Cairo
District : El Saei

SURVEY SUMMARY OF BASIC DATA & OBSERVATIONS FOR EDUCATIONAL FACILITIES

Date Prepared: 1961

FACILITY		ENROLLMENT BY SHIFT												CONDITIONS (4)				EXPAN- SION POT. (5)
		FIRST				SECOND				THIRD				BUIL- ING	LIGH- ING	EQUIP- MENT	N.C.	
CODE NO.	NAME	OWN- SHIP (1)	TYPE SCHOL. (2)	SEX (3)	CLASS- ROOMS (4)	STU- DENTS (5)	AVE. DENS. (6)	CLASS- ROOMS (7)	STU- DENTS (8)	AVE. DENS. (9)	CLASS- ROOMS (10)	STU- DENTS (11)	AVE. DENS. (12)					BUIL- ING
32	Ahmed Orabi	G	F	B	15	912	46							E	B	B	E	
34	Abbas El Akkad	G	F	B	18	827	47							A	A	E	A	N
35	El Iskraa	G	F	E	24	1681	45	11	511	47				A	A	E	B	N
36	Salah El Din	K	F	E	6	234	39	6	244	41				B	B	E	B	V
37	Cour. Ebn Abdel Aziz	G	F	E	22	995	45	22	901	39				A	E	E	C	N
38	De El Rosemsier	G	F	B	27	1225	46	27	1312	49				A	B	E	B	N
39	El Tynouraya	G	F	B	9	295	33	9	281	32				C	B	E	A	H
40	El Faradeya	MC	F	B	14	467	32							B	C	B	B	H
41	El Maali for Boys	MC	F	B	7	195	28							B	B	E	B	H
42	Galal El Dessouki	G	F	E	21	951	45							A	E	E	C	N
43	Shaban	G	F	B	7	165	26							C	C	C	C	N
44	Nadi El Nil	E	F	E	7	171	24							C	C	C	C	N
45	Gawad Hosh	G	F	E	12	467	39	11	464	42				A	E	E	B	V
46	El Emar Mohamed Abd.	G	F	E	12	557	46							A	A	E	A	N
47	Refaat	E	F	E	25	1145	46							A	E	E	E	V
48	El Ergoulia for Boy	MC	F	E	1	221	22							E	E	E	E	A
49	Cour Makraa	E	F	E	14	581	42	14	561	41				A	E	E	E	V
1	El Teraah El Solakeya	G	Fr	P	41	1540	37	41	1255	32				A	C	E	E	A
2	El Saei	P	Fr	P	11	266	27	11	352	31				E	E	E	E	A
3	Stoubra El Haditha	E	Fr	P	26	912	35	26	807	31				A	E	E	C	H
4	Farid Abu Nadid	G	Fr	P	36	1137	36	36	1032	34				B	B	E	B	M
5	Salah El Din (Basic Educ.)	G	Fr	P	21	993	47							A	C	E	B	M
6	El Teraah for Girls	E	Fr	F	27	1276	47	27	1172	32				A	E	E	E	A
7	Ma'avel Stoubra	E	Fr	F	22	1021	47	22	867	28				A	E	E	C	A
8	Kot El Farag for Girls	E	Fr	F	21	952	45	21	861	31				E	E	E	E	A
9	Amal Serry	E	Fr	F	12	477	39	12	472	39				E	E	E	E	K
10	Moza Saaran	E	Fr	F	11	511	47	11	821	34				A	C	E	E	A
11	De El Rosemsier	E	Fr	F	11	722	46	11	547	31				A	E	E	E	N
12	El Nanda El Arabeya	MC	Fr	P	12	427	27							E	E	E	E	N
13	El Hashemeya	MC	Fr	P	12	312	24							E	C	E	E	N
14	El Mohafza Aia El Bassar	E	SP	E	17	115	9							A	E	E	E	N
15	El Aaal Classes (vocational)	E	SP	E	6	166	18							A	E	E	E	N
16	El Tarbeya El Fetreya Classes	G	SP	E	1	44	9							A	C	E	E	N

NOTES: 1. Ownership - G (Government), R (Rented), MC (Munici- 4. Conditions - A (Good), B (Fair), C (Poor), D (Serious)
2. Schools - F (Primary), PF (Preparatory), S (Secondary), SE (Special Education) 5. Expansion Potential - H (Horizontal), V (Vertical), N (N/A)
3. Sex - F (Female), M (Male), B (Both)

Source: Wulbur Smith and Associates

Governorate : Cairo
District : El Sanel

SURVEY SUMMARY OF BASIC DATA & 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	Rod El Farag Sec. (Boys)	R	S	M	30	820	27	9	329	37				B	C	B	A	N
2	Nasser Sec. (Boys)	G	S	M	43	1668	39							A	B	B	B	N
3	Shoubra Sec. (Girls)	G	S	F	54	2487	46	5	202	40				A	B	B	B	H
4	Nasser Sec. (Girls)	G	S	F	56	2453	42							A	B	B	B	H
5	El Sayeda Nafissa Sec.	G	S	F	52	2367	46	11	394	36				B	B	B	B	N
6	El Sadat Commercial Sec.	G	S	M	27	834	31							B	B	B	B	N
7	Shoubra Commercial Sec.	G	S	M	52	1826	35							A	B	B	B	N
8	El Tegara Commercial Sec.	G	S	F	46	1618	35							A	B	B	B	N
9	El Salam Commercial Sec.	G	S	F	39	1305	33							B	B	B	B	N
10	Shoubra Mechanical Sec. (3 years)	G	S	M	131	5047	39							A	B	B	B	N
11	El Sadat Industrial Sec.(3 years)	G	S	M	7	296	42							B	B	B	B	N
12	Galal Fahay Technical Sec.(5 years)	G	S	M	67	2007	30							B	B	B	B	N
13	Cairo Weaving Techn. Sec.(5 years)	G	S	M	48	1311	27							A	A	B	A	H

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: Cairo
District : El Sahel

Date Prepared: 1989

School Type	Total No. of Schools	Physical Condition																Expansion Potential	
		Government				Rented				Moans				Total				Governorate	
		A	B	C	D	A	B	C	D	A	B	C	D	A	B	C	D	V	H
Primary	49	26	4	1	-	4	6	3	-	-	5	-	-	30	15	4	-	20	50
Preparatory	13	7	2	-	-	-	2	-	-	-	2	-	-	7	6	-	-	12	15
Secondary (General)	13	8	4	-	-	-	1	-	-	-	-	-	-	8	5	-	-	-	9
Secondary / Technical																			
Special Education	3	3	-	-	-	-	-	-	-	-	-	-	-	3	-	-	-	-	-
TOTAL	78	44	10	1	-	4	9	3	-	-	7	-	-	48	26	4	-	32	74

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)

Governorate : Cairo
District : El Sani

CLASSROOM PROJECTION
Additional Classrooms Needed to be Constructed

Date Prepared: 1957

Type	Schools (as of 67)									Total		Additional Classrooms Needed																				
	1 Shift			2 Shifts			3 Shifts			No. of Class	No. of Sts.	Dens.	1st year				2nd year				3rd year				4th year				5th year			
	No. of Class	No. of Sts.	Dens.	No. of Class	No. of Sts.	Dens.	No. of Class	No. of Sts.	Dens.				F	T	S	Sh																
F.	715	30147	42	287	11913	42	-	-	-	1022	42060	42	-	-	313	365	-	-	341	394	-	-	370	424	-	-	349	455	-	-	429	486
Pr.	338	12121	36	280	8677	31	-	-	-	618	20808	34	-	-	291	196	-	-	307	211	-	-	325	225	2	-	343	241	12	-	361	256
S.	237	9795	41	21	925	37	-	-	-	262	10720	41	-	-	32	69	-	-	39	77	-	-	46	86	-	-	54	94	-	-	62	103
S. T.	417	14244	34	-	-	-	-	-	-	417	14244	34	-	-	13	40	-	-	25	52	-	-	37	65	-	-	49	78	-	-	62	92
S. E.	24	265	11	-	-	-	-	-	-	24	265	11	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Total	1731	46582	38	572	21515	36	-	-	-	2222	89097	38	-	-	649	682	-	-	712	734	-	-	776	800	2	-	845	865	12	-	914	937

F = Primary
Pr. = Preparatory
S = Secondary
S.T. = Secondary Technical & Commercial
S.E. = Special Education

F = Additional Classrooms Per Year Needed to be Constructed for Future Population at Existing Students Density Level based on Declared Rate of Growth, ignoring Existing Number of Shifts.

Sh. 3 = Additional Classrooms Needed to be Constructed, if the Third Shift is Cancelled (to work 2 Shifts Only) at Existing Students Density Level, based on Declared Rate of Growth.

Sh. 2 = Additional Classrooms Needed to be Constructed, if the Second Shift is Cancelled (to work One Shift Only) at Existing Students Density Level, based on Declared Rate of Growth.

T = Additional Classrooms Needed to be Constructed to Meet Education Department's Students Density Criteria Working One Shift Only based on Declared Rate of Growth.

I = No. of years in future

NOTE:

Calculations for each category are not based on the results from other categories. (i.e. Sh. 3, Sh. 2 and T do not take into consideration the number needed for F.) The District would construct Sh. 3 or Sh. 2 or T. No. of classrooms, not F plus that number.

STANDARD DENSITY:

- (40 P. / Pr.)
- (30 S. General)
- (20 S.T. & C.)

$$F = \frac{\left[\frac{\text{Total No. of Students } \times (1 + \frac{\text{Rate of Growth}}{100})^I}{\text{Average Density (2)}} \right] - (\text{No. of Class. in First Sh. } \times \text{No. of Sh.})}{\text{No. of Shifts}}$$

$$\text{Sh. 3} = \frac{\left[\frac{\text{Total No. of Students } \times (1 + \frac{\text{Rate of Growth}}{100})^I}{\text{Average Density (2)}} \right] - (\text{No. of Class. in First Sh. } \times 2)}{2}$$

$$\text{Sh. 2} = \frac{\left[\frac{\text{Total No. of Students } \times (1 + \frac{\text{Rate of Growth}}{100})^I}{\text{Average Density (2)}} \right] - (\text{No. of Class. in First Sh.})}{1}$$

$$T = \frac{\left[\frac{\text{Total No. of Students } \times (1 + \frac{\text{Rate of Growth}}{100})^I}{\text{Standard Density}} \right] - (\text{No. of Class. in First Sh.})}{1}$$

8. Development Potential in Educational Services:

- a. From (Table E-4) it is obvious that the need for classrooms as per the expected future increases (Item 6) during the next five years will be assuming that the second shift is cancelled and the standard is met) a total of 937 classrooms or 187 annually should be constructed.
- b. Purchase the rented and Moana schools.
- c. Allocation of funds needed to purchase new land.
- d. Assign land for educational facilities.
- e. Increase the funds allocated for maintenance.
- f. Provide the equipment and furniture needed.
- g. Raise the efficiency of the teachers by means of holding training sessions for them.

9. Needs Assessment and Estimated Cost:

(Table E-5)

The total estimated cost amounts to L.E.7,048,100.

MULTI-YEAR CAPITAL IMPROVEMENTS PROGRAM

EDUCATIONAL FACILITIES

Governorate : Cairo

District : El Sahel

Date Prepared: 1989

Facility Titles	Description of Improvement	Total Estimated Cost (LE)
1. Abu Bakr El Seddik Prim. Sch.	Equipment	6,700
2. El Kadesseya Prim. Sch.	Equipment	4,050
3. El Syeda Khadiga Prim. Sch.	Equipment	4,100
4. Rateb Prim. Sch.	Equipment	4,100
5. El Kamal Prim. Sch.	Equipment	3,930
6. Hadayek Shoubra Prim. Sch. for Boys.	Equipment	4,160
7. El Azhar Prim. Sch.	Equipment	3,760
8. El Ezza Prim. Sch.	Equipment	3,760
9. El Felah Prim. Sch.	Equipment	3,760
10. Bahethat El Badeya Prim. Sch.	Equipment	6,000
11. Ammar Ebn Yasser Prim. Sch.	Equipment	6,690
12. El Nahda El Haditha Prim. Sch.	Equipment	7,170
13. El Gohary Prim. Sch.	Equipment	4,920
14. El Hekma Prim. Sch.	Equipment	4,510
15. Shagaret El Dorr Prim. Sch.	Equipment	7,100
16. El Guil Prim. Sch.	Equipment	4,270
17. Hadayek Shoubra Mixed Prim. Sch.	Equipment	7,510
18. El Ashraf Prim. Sch.	Equipment	7,100
19. El Rashad Prim. Sch.	Equipment	4,510
20. Fatma El Nabawiya Prim. Sch.	Equipment	7,160
	Sub-Total	105,260

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MULTI-YEAR CAPITAL IMPROVEMENTS PROGRAM

EDUCATIONAL FACILITIES

Governorate : Cairo

District : El Sahel

Date Prepared: 1989

Facility Titles	Description of Improvement	Total Estimated Cost (LE)
21. Osman Ebn Affan Prim. Sch.	Equipment	7,100
22. Talaat Harb Prim. Sch.	"	7,100
23. El Sayeda Rokaya Prim. Sch.	"	4,510
24. El Gunhouria Prim. Sch.	"	7,160
25. Rabaah El Adaweya Prim. Sch.	"	7,160
26. El Sahel Prim. Sch.	"	13,109
27. Mohamed Farid Prim. Sch.	"	6,880
28. Minie El Sereg Prim. Sch.	"	4,100
29. Abdalla El Nadim Prim. Sch.	"	4,270
30. Saad Ebn Abi Wakkass Prim. Sch.	"	7,270
31. Ahmed Orabi Prim. Sch.	"	6,880
32. Abbas El Akkad Prim. Sch.	"	4,630
33. El Zahraa Prim. Sch.	"	7,100
34. Salah El Din Prim. Sch.	"	7,100
35. Omar Ebn Abdel Aziz Prim. Sch.	"	3,965
36. Om El Moamenien Prim. Sch.	"	6,965
37. El Taymoureya Prim. Sch.	"	6,965
38. El Farideya Prim. Sch.	"	4,100
39. El Healy Prim. Sch. for Boys.	"	4,355
40. Galal El Dessouky Prim. Sch.	"	7,715
41. Shiban Primary Sch.	"	4,715
42. El Engilia Prim. Sch. for Girls.	"	4,715
	Sub-Total	137,855

MULTI-YEAR CAPITAL IMPROVEMENTS PROGRAM

EDUCATIONAL FACILITIES

Governorate : Cairo
 District : El Sahei

Date Prepared: 1989

Facility Titles	Description of Improvement	Total Estimated Cost (LE)
43. Gawad Hosny Prim. Sch.	Equipment	4,355
44. El Eman Mohamed Abou Prim. Sch.	"	4,100
45. Refrat Prim. Sch.	"	7,100
46. El Engilia Prim. Sch. for Boys	"	4,100
47. Omar Makram Prim. Sch.	"	7,100
	Sub-Total	26,755
	Total of Equipment for Prim.Stage	269,870

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MULTI-YEAR CAPITAL IMPROVEMENTS PROGRAM

EDUCATIONAL FACILITIES

Governorate : Cairo

District : El Sahel

Date Prepared: 1989

Facility Titles	Description of Improvement	Total Estimated Cost (LE)
1. El Farideya Prim. Sch.	1. Raising the height of school's fence 2. Replacement works and electricity repair 3. W.C.s repair 4. School Bldg repair 5. Constr. of 3 clsms (if permit obtained)	5,000 8,000 20,000 20,000 40,000
2. El Maali Prim. Sch. for Boys	1. Comprehensive repair for walls and ceilings 2. W.C.s repair 3. Electrical works	40,000 25,000 10,000
3. Hafez Ibrahim El Tagribeya Sch.	1. Repair and painting 2. Electrical works 3. Sanitary works	10,000 5,000 10,000
4. El Mohafza Alall Bassar Prim. Sch.	1. Repair and texture of the outside of the bldg. 2. Internal painting 3. Electrical repairs 4. Repair of the bldg staircase 5. Tiling repair and installation 6. W.C. repair 7. Sanitary works for W.C.	15,000 5,000 12,000 1,000 600 1,000 500
5. El Falah Prim. mixed Sch.	1. Vertical expansion potential, constr. of a lab. on the first floor 2. Normal repairs 3. Outside repairs and texture 4. Inside painting 5. Tiling of ground floor 6. Repair of school staircase 7. Carpentry repairs 8. Electrical repairs 9. Gate for the school and plain concrete for the entrance	20,000 200 5,000 5,000 1,000 1,000 3,000 4,000 1,500
	Sub-Total	268,800

MULTI-YEAR CAPITAL IMPROVEMENTS PROGRAM

EDUCATIONAL FACILITIES

Governorate : Cairo

District : El Sahel

Date Prepared: 1989

Facility Titles	Description of Improvement	Total Estimated Cost (LE)
6. El Ezza Prim. Sch.	<ol style="list-style-type: none"> 1. Outside painting 2. Electrical works 3. A bldg of 9 clsrms on 3 floors may be constructed if a permit is obtained 	<p>10,000 5,000 120,000</p>
7. El Kedesseye Prim. Sch.	<ol style="list-style-type: none"> 1. Light repair works 2. Addition of one floor 3. Repair of W.C.s (glazed tile) 4. Replacement of electricity networks 	<p>10,000 60,000 15,000 10,000</p>
8. Osman Ebn Affan Prim. Sch.	The school is in a good condition	--
9. El Azhar Prim. Sch.	<ol style="list-style-type: none"> 1. Outside repair and texture for the building 2. Inside painting 3. Repair of the second floor ceiling and its isolation 4. Carpentry repair 5. W.C. repairs 6. Constr. of a new W.C. 7. Electrical repair 8. Supply of blackboards 	<p>7,000 6,000 3,000 2,000 500 20,000 6,000 1,000</p>
10. El Ashraf Prim. mixed Sch.	<ol style="list-style-type: none"> 1. Outside texture for the building 2. Paintings 3. Sanitary repairs 4. Equipping a lab. 5. Addition of one floor is possible 6. Constr. of two gates 7. Electrical repairs 8. Constr. of a floor for vocational education 	<p>20,000 60,000 20,000 1,000 45,000 2,000 15,000 8,000</p>
	Sub-T. tal	446,500

MULTI-YEAR CAPITAL IMPROVEMENTS PROGRAM

EDUCATIONAL FACILITIES

Governorate : Cairo

District : El Sahel

Date Prepared: 1989

Facility Titles	Description of Improvement	Total Estimated Cost (LE)
11. Hadayek Shoubra Prim. Sch. (Mixed)	<ol style="list-style-type: none"> 1. Texture and outside repairs 2. Painting, repairs and tiling works 3. Carpentry works 4. Sanitary works 5. Electrical works 6. Vertical expansion, 3 clsrms on 3 floors 	<p>12,000</p> <p>1,500</p> <p>5,000</p> <p>5,000</p> <p>7,000</p> <p>70,000</p>
12. Hadayek Shoubra Prim. Sch. for Boys	<ol style="list-style-type: none"> 1. Texture and outside repairs 2. Inside paintings 3. Sanitary repairs 4. Electrical works 5. Repairs for doors and windows 6. It is possible to build 4 clsrms on 3 floors 	<p>6,000</p> <p>3,000</p> <p>2,000</p> <p>7,000</p> <p>1,000</p> <p>84,000</p>
13. El Kahhal Prim Mixed Sch.	<ol style="list-style-type: none"> 1. Repair and texture of existing bldgs 2. Constr. of one floor (theater bldg) 3. Equipping the lab. 4. Replacement of the sanitary network 5. Inside paintings 	<p>12,000</p> <p>25,000</p> <p>5,000</p> <p>15,000</p> <p>13,000</p>
14. Abu Bakr El Seddik Prim. Sch.	<ol style="list-style-type: none"> 1. Repair of W.C.s 2. Increasing the height of the school's fence 3. Electrical works 4. Normal repairs 	<p>20,000</p> <p>5,000</p> <p>10,000</p> <p>25,000</p>
15. El Engilia Prim. Sch. for Boys	<ol style="list-style-type: none"> 1. Comprehensive repairs for the clsrms and ceilings 2. W.C.s repairs 	<p>35,000</p> <p>30,000</p>
16. Shagaret El Dorr Prim. Sch.	<ol style="list-style-type: none"> 1. Normal works 2. Sanitary " 3. Electrical " 	<p>15,000</p> <p>25,000</p> <p>10,000</p>
	Sub-Total	448,500

MULTI-YEAR CAPITAL IMPROVEMENTS PROGRAM

EDUCATIONAL FACILITIES

Governorate : Cairo

District : El Sahel

Date Prepared: 1989

Facility Titles	Description of Improvement	Total Estimated Cost (LE)
17. El Guil Prim. Sch.	<ol style="list-style-type: none"> 1. Outside repairs and texture 2. Inside painting 3. Repair of the fence 4. Sanitary works 5. Electrical works 	<p>4,000 6,000 2,000 2,000 5,000</p>
18. Rateb Prim. Sch.	<ol style="list-style-type: none"> 1. Outside repairs and texture 2. Inside painting and floor tiling 3. Increase the height of the fence 4. Electricity works 5. Constr. of a W.C. (10 units) 6. Rehabilitation of a basement 	<p>5,000 6,000 2,500 5,000 20,000 2,000</p>
19. Fatma El Nabaweya Prim. Sch.	<ol style="list-style-type: none"> 1. Comprehensive repairs for the electricity network 2. Upgrading of W.C.s 3. New Bldg., 3 clsrms on 3 floors 4. Addition of a floor on top of W.C.s 5. Repair and beautification of the school's facades 	<p>10,000 8,000 120,000 30,000 12,000</p>
20. Gawad Ali Hosry Prim. Sch.	<ol style="list-style-type: none"> 1. Laboratory equipment 2. Comprehensive electrical repairs 3. Light constr. on top of the W.C. 4. Vertical expansion of 3 clsrms on top of the new bldg. 5. Increasing the height of the fence 6. Beautification of facades + plants 7. W.C. at the old bldg., comprehensive repairs 	<p>12,000 15,000 8,000 30,000 10,000 5,000 5,000</p>
21. Om El Moamenein Prim. Sch.	<ol style="list-style-type: none"> 1. Repair of W.C.s 2. Repair of electrical network 3. Increasing the height of the fence 4. Beautification and clean-up works 	<p>15,000 15,000 10,000 2,000</p>
	Sub-Total	366,500

MULTI-YEAR CAPITAL IMPROVEMENTS PROGRAM

EDUCATIONAL FACILITIES

Governorate : Cairo

District : El Sahel

Date Prepared: 1989

Facility Titles	Description of Improvement	Total Estimated Cost (LE)
22. El Gomhouria Prim. Sch.	1. Painting works 2. Electrical " 3. Laboratory " 4. Renov. of W.C.s 5. Constr. of 3 clsrms including 2 labs. on 2 floors.	30,000 15,000 15,000 10,000 120,000
23. El Sayeda Rokaya Prim. Sch.	1. Demolition of an old W.C and constr. of a new 3 clsrm building. 2. Normal, sanitary and electrical repairs. 3. Increasing the height of the fence	100,000 1,000 5,000
24. El Sahel Prim. Sch.	1. Constr. of a new gate 2. Repair of the fence, demolishing and reconstruction of a part of it 3. W.C.s repairs 4. Constr. of 12 clsrms, a W.C. and labs.	1,000 4,000 1,500 150,000
25. Abbas El Akkad Prim. Sch.	1. Increasing the height of the fence 2. Installation of window wire 3. W.C.s repairs 4. Constr. of a wire fence for the garden 5. Repair and paint the bldg.	4,000 1,000 2,000 1,000 3,000
26. Saad Ebn Abi Wakkas Prim. Sch.	1. Normal repairs (plastering, painting and carpentry works) 2. W.C.s repairs 3. Increase the height of the fence	20,000 5,000 3,000
27. Meniet El Sereg Prim. Sch.	1. Repair of 2W.C.s (16 units) 2. Repair the main staircase of the bldg. 3. Painting the main bldg 4. Constr. of 4 clsrms on the annex of the bldg.	3,000 1,500 5,000 35,000
	Sub-Total	536,000

MULTI-YEAR CAPITAL IMPROVEMENTS PROGRAM

EDUCATIONAL FACILITIES

Governorate : Cairo
District : El Sahel

Date Prepared: 1989

Facility Titles	Description of Improvement	Total Estimated Cost (LE)
28. El Zahraa Prim. Sch.	1. Repairs at the building's annex (painting + plastering + windows and doors) 2. Addition of a 3 clsrm on one floor	5,000 25,000
29. Tarek Ebn Ziad El Tagribeya for Languages	1. Increasing the height of the fence from the side next to the utility police warehouse. 2. Constr. of a new additional gate for the school. 3. Constr. of a school theater.	3,000 1,000 35,000
30. Rebaah El Adaweya Prim. School	1. Repair of W.C.s (13 units) 2. Repairs (painting, plastering, doors and windows).	2,000 3,500
31. Abdalla El Nadim Prim. Sch.	1. Window wiring (bars + wires) 2. Paintings 3. Increasing the fence's height 4. W.C.s repairs.	2,000 3,000 2,000 1,500
32. Omar Ebn Abdel Aziz Prim. Sch.	1. Comprehensive repair for the W.C.s 2. Increasing the height of the fence 3. Electricity works 4. Painting works	56,000 10,000 15,000 40,000
33. Omar Makram Prim. Sch.	1. Increasing the height of the fence 2. Normal works 3. Sanitary works 4. Electrical works 5. Addition of one floor 6. Removal of all the big existing trees and plant a garden.	10,000 10,000 10,000 5,000 30,000 5,000
34. Talaat Harb Prim. Sch.	1. Painting works 2. W.C.s repairs 3. Electrical works 4. Addition of 2 stories (science lab. + 2 clsrms) 5. Constr. of one story (3 clsrms)	30,000 30,000 15,000 120,000 60,000
	Sub-Total	529,000

MULTI-YEAR CAPITAL IMPROVEMENTS PROGRAM

EDUCATIONAL FACILITIES

Governorate : Cairo

District : El Sehel

Date Prepared: 1989

Facility Titles	Description of Improvement	Total Estimated Cost (LE)
35. Refaat Prim. Sch.	<ol style="list-style-type: none"> 1. Normal repairs 2. Sanitary " 3. Electrical " 4. Constr. of 3 clsrms on 3 stories 5. Contr. of light buildings on the W.C. 6. Increasing the height of the fence and beautifying the facades. 	<p>15,000 8,000 12,000 120,000 20,000 10,000</p>
36. El Emam Mohamed Abdou Prim. Sch.	<ol style="list-style-type: none"> 1. Normal works 2. Sanitary " 3. Closing of the ground floor 4. Increasing the height of the fence 	<p>10,000 10,000 50,000 5,000</p>
37. El Shaheed Galal El Dessouky Prim. Sch.	<ol style="list-style-type: none"> 1. Constr. of a new W.C. 2. Increasing the height of the school 3. Repairing and painting of 3 clsrms wooden doors 4. Repairing the old W.C. 5. Constr. of a light bldg on top of the W.C.s 	<p>40,000 15,000 5,000 5,000 30,000</p>
38. El Nahda El Haditha Prim. Sch.	<ol style="list-style-type: none"> 1. Outside repair and texture 2. Inside painting and repair of the staircase 3. Constr. of a new W.C. 4. Isolation of the roofs 5. Installation of mosaic tile 6. Electricity repair 7. There is a potential of a horizontal expansion for the constr. of 3 clsrms on 2 stories. 	<p>8,000 7,000 30,000 1,000 2,000 7,000 40,000</p>
39. Shibani Prim. Sch.	It is not feasible in the long-run to do any up-grading works. Instead the school needs to be completely replaced. The school is rented, therefore any replacement work can be made after the transfer of its ownership to the government.	
	Sub-Total	450,000

MULTI-YEAR CAPITAL IMPROVEMENTS PROGRAM

EDUCATIONAL FACILITIES

Governorate : Cairo

District : El Sahel

Date Prepared: 1989

Facility Titles	Description of Improvement	Total Estimated Cost (LE)
40. El Engilia Prim. Sch. for Girls	1. Comprehensive repairs for the bldg 2. Electricity works 3. W.C.s repairs	40,000 10,000 25,000
41. El Taimoureya Prim. Sch.	1. Increasing the height of the fence 2. Electricity works 3. Repair of the bldg 4. Three clsms on three floors may be constructed upon issue of a permit.	4,000 6,000 20,000 90,000
42. Wadi El Nil Prim. Mixed Sch.	Some procedures are currently being made to transfer the ownership of the school to the government in order to demolish the old school and reconstruct it.	
43. El Rashad Prim. Sch.	1. Normal repairs 2. Sanitary works 3. Electricity works	30,000 15,000 5,000
44. Mohamed Farid Prim. Sch.	1. Normal repairs 2. Sanitary works 3. Electricity works	25,000 15,000 5,000
45. Ahmed Oraby Prim. Sch.	1. Constr. of new W.C. 2. Normal repairs 3. Sanitary works 4. Electricity works	30,000 15,000 10,000 5,000
46. Salah El Din Prim. Sch.	1. Normal repairs 2. Sanitary works 3. Electricity works	15,000 10,000 5,000
47. Bahethat El Bodeya Prim. Sch.	1. Normal repairs 2. Electricity works 3. Sanitary works	15,000 10,000 15,000
	Sub-Total	420,000

MULTI-YEAR CAPITAL IMPROVEMENTS PROGRAM

EDUCATIONAL FACILITIES

Governorate : Cairo

District : El Sahel

Date Prepared: 1989

Facility Titles	Description of Improvement	Total Estimated Cost (LE)
48. Ammar Ebn Yasser Prim. Sch.	1. Normal repairs 2. Sanitary repairs 3. Electricity works 4. New W.C.	30,000 10,000 5,000 30,000
49. El Hekma Prim. Sch.	1. Normal repairs 2. Sanitary repairs 3. Electricity works	15,000 15,000 5,000
50. El Gohary Prim. Sch.	1. Constr. of a new W.C.	30,000
51. El Sayeda Khadiga Prim. Sch.	1. Normal works	10,000
	Sub-Total	150,000
	Total of The Prim. Stage	3,615,300

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MULTI-YEAR CAPITAL IMPROVEMENTS PROGRAM

EDUCATIONAL FACILITIES

Governorate : Cairo

District : El Sahel

Date Prepared: 1989

Facility Titles	Description of Improvement	Total Estimated Cost (LE)
1. El Mohafaza Alal Bassar Prep. & Sec. Sch. (Governmental)	The school building needs some simple repairs and painting - Normal works - Electricity works - Sanitary works	40,000 10,000 30,000
2. El Sahel Prep. Sch. for Boys (Rented)	- Normal and Sanitary repairs	23,500
3. Ezbet Abu Hadid Prep. Sch. (Governmental)	- Constr. of 12 clsrm, a W.C. and a workshop.	150,000
4. El Teraah Prep. Sch. for Boys (Governmental)	- Door and window carpentry, Normal & Sanitary repairs (plastering, painting, tiling and sanitary works).	20,000 15,000
5. Salah El Din Prep. Sch. for Boys (Governmental)	- Repair of the main bldg. (staircase, doors, windows, plastering, painting, tiling and electricity). - W.C. repair - Demolition and reconstructoin of the outside fence next to Saad Selim St.	50,000 2,000 30,000
6. El Anaf Prep. Vocational Sch. (Governmental)	- W.C.s repairs - Repair, lime & oil paintings of the main bldg. - Widow wiring - Constr. of a workshop	2,000 3,000 1,500 8,500
7. Om El Moamenein Prep. Sch. for Girls (Governmental)	- General repairs - Increasing the fence's height - Clean up, levelling and beautification of the site. - Three floors having 3 clsrms each	10,000 10,000 2,000 150,000
8. El Tarbeya El Fekreya Prep. Sch. at El-Mazallat	- Sanitary works - Electrical works - Const. of a workshop + 2 floors having 2 clsrms each. - Increasing the fence's height and beautification of playgrounds.	10,000 10,000 120,000 10,000
	Sub-Total	707,500

MULTI-YEAR CAPITAL IMPROVEMENTS PROGRAM

EDUCATIONAL FACILITIES

Governorate : Cairo

District : El Sahel

Date Prepared: 1989

Facility Titles	Description of Improvement	Total Estimated Cost (LE)
9. El Nahda El Arabia Prep. Sch. for Boys (Moana - Rented)	The school's building is very old and deteriorating. It needs the following : - Normal repairs - Electrical works - Sanitary works	20,000 10,000 15,000
10. Hadayek Shoubra Prep. Sch. for Girls (Governmental)	- Normal repairs - Electrical works - Sanitary works - Constr. of a new W.C.	20,000 15,000 10,000 35,000
11. Hoda Shaarawi Prep. Sch. for Girls	- Constr. of a lab. and 2 rooms for teachers and equipment for the lab. - Repair of the school's staircase - Window wiring - Increasing the fence's height - Addition of 2 floors on the main bldg. including 12 clsrms, rooms for supervisors and a W.C.	45,000 10,000 20,000 30,000 150,000
12. Shoubra El Haditha Prep. Sch. for Boys (Governmental)	Demolition of bldg. No.2 which consists of one floor including a bad W.C. a room for music and games and reconstruction of 3 floors. 1. Demolition = 150 x 50 = L.E.7,500 2. Reconstruction 3. Contingencies	7,500 90,000 2,500
13. El Hashemeya Prep. Sch. for Boys (Moana, Rented)	- Demolition of the school bldgs - Constr. of 9 clsrms on 3 floors	40,000 120,000
14. El Teraah Prep. Sch. for Girls (Governmental)	- Normal and Sanitary repairs - Const. of 3 workshops on the floor and 6 clsrms on 2 floors. - Beautification works + playgrounds	20,000 180,000 20,000
15. Rod El Farag Prep. Sch. for Girls	1. Normal repairs 2. Sanitary works 3. New W.C. 4. Electricity works	15,000 5,000 30,000 10,000
16. Ansaferry Prep. Sch. for Girls	1. Normal repairs & Sanitary works 2. Demolition of the rooms in the playground 3. Horizontal expansion potential	15,000 10,000 120,000
	Sub-total	1,065,000
	Total of The Prep. Stage	1,772,500

MULTI-YEAR CAPITAL IMPROVEMENTS PROGRAM

EDUCATIONAL FACILITIES

Governorate : Cairo

District : El Sahel

Date Prepared: 1989

Facility Titles	Description of Improvement	Total Estimated Cost (LE)
1. Nasser Sec. Sch. for Girls (Govt.)	<ul style="list-style-type: none"> - Normal works - Tile replacement - Theater equipment - Lab. equipment - Cretal for lower floors - Demolition & construction of a part of the fence - Constr. of a 2 stories bldg. - Electrical works - Contingencies 	20,000 30,000 8,000 5,000 4,000 10,000 90,000 20,000 3,000
2. Nasser Sec. Sch. for Boys (Govt.)	<ul style="list-style-type: none"> - Normal repairs - W.C. repairs - Constr. of a new W.C. 	15,000 3,000 40,000
3. Shoubra Sec. Sch. for Girls (Govt.)	<ul style="list-style-type: none"> - Normal repairs - Sanitary repairs - Constr. of 9 clsrms on 3 floors - Constr. of a new lab. - Increasing the fence's height and beautifying the playgrounds 	12,000 10,000 120,000 40,000 18,000
4. Rod El Farag S.c. Sch. for Boys (Rented)	<ul style="list-style-type: none"> - The school bldg is in a critical status - Normal works - Sanitary works - Electrical works <p>A new building can be built after getting the owner's permission.</p>	60,000 30,000 20,000 150,000
5. El Cahira Advanced Technical Sch. for Weaving (Govt.)	<ul style="list-style-type: none"> - Repairs, painting and electricity works - Sanitary works - Increase the fence's height - Constr. of warehouses 	20,000 3,000 5,000 60,000
6. El Sadat, Vocational and Commercial Sch.	<ul style="list-style-type: none"> - Normal repairs - Sanitary repairs - Electrical works - Repair and completion of the fence 	30,000 10,000 10,000 10,000
7. El Sayeda Nefissa Sec. Sch. for Girls	<ul style="list-style-type: none"> - School repairs 	80,000
	Total of The Sec. Stage	936,000

MULTI-YEAR CAPITAL IMPROVEMENTS PROGRAM

EDUCATIONAL FACILITIES

Governorate : Cairo

District : El Sahel

Date Prepared: 1989

Facility Titles	Description of Improvement	Total Estimated Cost (LE)
1. Shoubra Sec. Comm. Sch. for Girls (Govt.)	<ul style="list-style-type: none"> - Normal repairs - Electrical works - Sanitary works - Constr. of a new W.C 	30,000 10,000 5,000 35,000
2. Shoubra Sec. Comm. Sch. for Boys (Govt.)	- Normal and Sanitary works	20,000
3. Shoubra Sec. Mech. Sch. for (Boys) (Govt.)	<ul style="list-style-type: none"> - Demolition and reconstruction of a deteriorated fence - Normal repairs and painting - Sanitary works 	30,000 10,000 3,000
4. Galal Fahmy Tech. Sch. (Govt.)	<ul style="list-style-type: none"> - Normal and Sanitary repairs - Possible expansion for the construction of warehouses, classrooms and workshops 	50,000 200,000
5. Nasser Sec. Sch. for Girls	Equipment (student's desks, chairs, teacher's desks, cupboards and fans)	10,950
6. Shoubra Sec. Sch. for Girls	Equipment (student's desks, chairs, ceiling fans and broadcast.)	8,800
7. Nasser Sec. Sch. for Boys	Equipment (student's desks, chairs, teacher's desks, cupboards and ceiling fans).	9,160
8. El Sayeda Nefissa Sec. Sch. for Girls	Equipment (student's desks, chairs, cupboards and ceiling fans).	17,100
9. Tarek El-Ziad Mixed Sch.	Equipment (student's desks, chairs, teacher's desks, tables, cupboards and ceiling fans).	7,550
10. El Mohafza Alal Bassar Mixed Sch.	Equipment (student's desks & broadcast equipment)	500
11. Rod El Farag Sec. Sch. for Boys	Equipment (student's desks, chairs, teacher's tables, cupboards and ceiling fans).	7,370
	Total of the Sec.Tech. Stage	454,430
	Total of Educational Stage	7,048,100

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 in a 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 to 40 per 10,000 persons in the population served.
- d. 4 Hospitals for each 200,000 persons.
- e. One health unit for each 10,000 persons.
- h. One urban health unit consisting of an out-patient clinic, a school health unit, 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:

All hospitals and health units are in need of continuous maintenance for buildings, equipment, furniture, W.C.s and utilities. The laboratories and surgery sections are lacking modern and up-to-date equipment. Some of these hospitals and health units have either vertical or horizontal expansion potentials.

4. Needs Assessment and Estimated Cost:

(Table H-3)

the total estimated cost amounts to L.E.1,272,225.

Governorate : Cairo
District : El Sahel

SUMMARY OF BASIC DATA AND OBSERVATIONS FOR
PUBLIC HEALTH FACILITIES

Date Prepared: 1967

NO.	FACILITY NAME	SERVICE AREA	OUT-PATIENT				IN-PATIENT				FACILITY CONDITION (1)								EXP. POT. (2)			
			AVE. PATNS /DAY	PHYSICIAN TECH. STAFF	NURSES/ Gm. STAFF	TREATMENT	AVE. PATNS /DAY	AVERAGE STAY/	No. BEGS	PHYSICIAN/ TECH. STAFF	NURSES/ OTH. STAFF	TREATMENT	BUILDING	PHARMACY	EMERG. ROOM	ILLUMINATION	TREATM. ROOMS	OPERAT. ROOMS		WATER SEWER	W.C.'s	
1	El khazendara Public Hospital	El Sahel	66/213	60/23	64/31	Surgery/ Gynecology/ Internal Medicine/ ENT/ Pediatrics	43/16	29/3	122	63	95	Same as in the Outpatient Clinic	B	B	B	B	B	B	B	C	C	N
2	Rod El Farag Hospital for Ophthalmology	El Sahel	88/281	58/8	54/22	Ophthalmology	88/281		200	66	76		B	B	B	B	B	B	C	C	N	
3	El Khalafawi Popular Clinic	*	2/21	2/-	2/2								B	B	-	B	-	-	B	B	N	
4	El Guesr Popular Clinic	*	6/9	2/-	3/1								B	B	-	B	-	-	B	B	N	
5	Meniet El Sereq Health Office	*	7/61	1/3	4/4	Birth/Death Registry/ Vaccinations/ Immunizations							A	-	-	A	-	-	B	B	N	
6	Sherif Health Office	*	3/42	2/3	2/6	*							A	-	-	A	-	-	B	B	N	
7	El Barrad Health Office	*	1/40	2/3	4/3	*							A	-	-	A	-	-	B	B	N	
8	Hadayek Shoubra Health Office	*	9/41	2/3	4/3	*							A	-	-	A	-	-	B	B	N	
9	Shoubra Awal Child Care Center	*	8/4	2/5	5/6	Difficult Obstetric Cases, Mother/ Child Care, Birth Registry							A	B	-	A	A	-	B	B	N	

NOTES: (1) Facility condition - A (Good), B (Fair), C (Poor), D (Serious)
(2) Expansion potential - H (Horizontal), V (Vertical), N (No)

Governorate : Cairo
 District : El Sahe1

SUMMARY OF BASIC DATA AND OBSERVATIONS FOR
 PUBLIC HEALTH FACILITIES

Date Prepared: 1989

FACILITY		OUT-PATIENT					IN-PATIENT						FACILITY CONDITION (1)								EXP. POT. (2)
NO.	NAME	SERVICE AREA	AVE. PATNS /DAY	PHYSICIAN/ TECH. STAFF	NURSES/ DTH. STAFF	TREATMENT	AVE. PATNS /DAY	AVERAGE STAY	No. BEDS	PHYSICIAN/ TECH. STAFF	NURSES/ DTH. STAFF	TREATMENT	BUILDING	PHARMACY	EMERG. ROOM	ILLUMINATION	TREATM. ROOMS	OPERAT. ROOMS	WATER SEWER	W.C.'s	
10	Shoubra Thani Child Care Center	El Sahe1	4/5	15/0	7/3	Obstetric Cases, Mother/Child Care, Birth Registry							A	E	-	A	A	-	E	E	N
11	Shoubra Treatment Group (School Health)		8/157	40/4	53/6	Internal Medicine/ Ophthalmology/ Dental/ENT/ Endemics/ Dermatology							F	E	-	B	-	-	C	C	M
12	El Khalafawi Unit (School Health)		9/60	36/1	12/12	Internal Medicine/ Dental							F	E	-	E	-	-	E	E	A

NOTES: (1) Facility condition - A (Good), B (Fair), C (Poor), D (Serious)
 (2) Expansion potential - H (Horizontal), V (Vertical), N (No)

at/H-2 CS1

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MULTI-YEAR CAPITAL IMPROVEMENTS PROGRAM

Governorate : Cairo

HEALTH FACILITIES

District : El Sahel

Date Prepared: 1989

Facility Title	Description of Improvement	Total Estimated Cost (LE)
1. Shoubra Treatment Group (School Health)	1. Refurnishing of the facility 2. Equipping a lab. with modern medical equipment. - The facility consists of two flats in the popular housing at Victoria Square and does not need repair.	50,000 25,000
2. El Khalafawi Treatment Group (School Health)	The facility is in a good condition and needs few repairs, oil painting, sanitary and electrical works, refurnishing of the unit.	46,500
3. Child Care Center at Shoubra Thani	- Small repairs - Small 4-doors car for Deliveries, 2 incubators for premature cases, 2 trolleys and 2 equipped cupboards for operations.	1,500 30,000
4. Shoubra Awal Child Care Center	Some inside paintings	5,000
5. El Barrad Health Office	1. Needs small repairs 2. A pick-up vehicle for death cases, notifications, and infectious diseases patients	1,500 20,000
6. Meniet El Sereg Health Office	1. Needs small paintings. 2. A pick-up vehicle for death cases, notifications, and infectious diseases patients.	1,000 20,000
7. Sherif Health Office	1. Needs small repairs & oil paintings. 2. A Pick-up vehicle for death cases, notifications, and infectious diseases patients	2,000 20,000
8. Hadayek Shoubra health Office	1. A pick-up vehicle for death cases, notifications, and infectious diseases patients.	20,000
9. For the four previous offices	- 5 Leather cases for food samples. - 4 Sterilization ovens - 4 Sprinklers for the insecticide section (Like fog apparatus)	325 8,000 1,000
	Sub-Total	251,825

MULTI-YEAR CAPITAL IMPROVEMENTS PROGRAM

Governorate : Cairo
 District : El Sahel

HEALTH FACILITIES

Date Prepared: 1989

Facility Title	Description of Improvement	Total Estimated Cost (LE)
Rod El Farag Ophthalmology Hospital	1. Constr. of a lecture hall	50,000
	Equip. of a lecture hall	70,000
	2. Painting the inside of the building	13,500
	3. Repair of Sanitary Drainage network	21,000
	4. Painting the outside of the building	9,900
	5. Installation of two washing machines and a boiler.	50,000
	6. Constr. and installation of the clinic's elevator.	58,000
	7. Upgrading the hospital's kitchen.	2,000
	8. Renov. and Maint. of the hospital's elevator	7,500
	9. Constr. of a room for security.	3,500
	10. Equip. for the Economic Treatment Section	85,000
11. Equip. for the New Outpatient Clinic	40,000	
El-Khazendara Public Hospital	1. Upgrading the plasma bank from a storage bank to an equipped branch bank.	20,000
	2. Construction of a new laundry.	80,000
	3. Upgrading the hospital's lab.	20,000
	4. Constr. of an up-to-date kitchen	30,000
	5. Airconditioning and ventillation equipment	20,000
	6. Installation of an automatic switchboard to connect the outpatient clinic and the reception with the new building.	30,000
	7. Upgrading and isolating of the X-Ray section	15,000
	8. Completion of the two floors added to the new bldg of the outpatient clinic.	100,000
	9. Equipping the Ophthalmology clinic	75,000
	10. Equipping the Orthopedic section (outpatient clinic + Orthopedic compartment + Orthopedic surgery + machines and apparatuses)	180,000
	11. Purchase of furniture	20,000
	12. Repair of W.C.s	5,000
	13. Normal repairs	15,000
	Sub-Total	1,020,400
	Total of Health Facilities	1,272,225

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 Assessment and Estimated Cost:

(Table Y-3)

The total estimated cost amounts to L.E. 1,280,000.

PUBLIC YOUTH CENTERS

SURVEY SUMMARY - BASIC DATA AND OBSERVATIONS

Governorate : Cairo
 District : El Sahel

Date Prepared: 1989

NO.	F A C I L I T Y						F A C I L I T Y C O N D I T I O N (1)							EXPANSION POTENTIAL (2)
	NAME	TYPE OF FACILITY	ACTIVITIES PROVIDED	MEMBERSHIP	APPROXIMATE AREA SERVED	APPROXIMATE POPULATION SERVED	BUILDING	EQUIPMENT	W.C.	LIGHTING	PLAYGROUND	WATER/ SEWER	SURROUNDING AREA	
1	El Sahel Youth Center	Youth Center	Sports, Social, Cultural, Artistic Activities	4,000	El Sahel	40,000	B	C	D	A	D	D	E	H
NOTES: (1) Facility condition - A (Good), B (Fair), C (Poor), D (Serious) (2) Expansion potential - H (Horizontal), V (Vertical), N (No) - units of #2														

af/Y-2 05

MULTI-YEAR CAPITAL IMPROVEMENTS PROGRAM

YOUTH FACILITIES

Governorate : Cairo
 District : El Sahel

Date Prepared: 1989

Youth Facility	Description of Improvement	Total Estimated Cost (LE)
El Sahel Youth Center	1. Construction of a building for activities (Music, Table Tennis, Karate, Wrestling and Arts)	280,000
	2. Construction of a grandstand around the football playground, and a closet unit and a W.C. underneath it.	600,000
	3. Construction of a track for Athletics	150,000
	4. Equipment, lights, fixed chairs and an amphitheater for the center's theater	250,000
	Total of Youth Facilities	1,280,000

af/Y-3 CS

SOURCE OF TABLES

Table

E-2 & E-5

H-2 & H-3

Y-2 & H-3

E-3 & E-4

Sources

District

District

District

Wilbur Smith Associates