

Needs Assessment Report
For
Education, Health and Youth Facilities
Montazah District, Alex. Governorate

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Introduction

1. Location:

Montazah is the most developed district in Alexandria. It includes important tourist attractions industrial areas and agricultural centers. This very densely populated district includes one Kism - El Montazah Kism.

Boundaries:

North: Mediterranean Sea
South: El Amia Drain
East : Abou Kir area
West : El Galaa and El Methak streets.

2. Area:

The district area is about 141 Km²

3. Population:

The population of the district is 500,000 persons approximately. It also combines Urban and Rural societies.

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) (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 in the Preparatory and Secondary stages.
- f. The minimum number of classrooms for Primary or Preparatory school is 18. The minimum number of classrooms for a Secondary school is 18 to 24.

2. Educational Facilities:

Enrollment and condition data is displayed on (Table E-2).

3. School Shifts:

- a. 6 schools (12%) have one shift.
- b. 19 schools (37%) have two shifts.
- c. 26 schools (51%) have three shifts.

4. Educational Facilities Status:

(Table E-3)

5. Student Density and Needs for Classrooms:

(Table E-4)

6. Expected Future Increases:

The expected annual increase is 2.7%.

7. Deficiencies and Shortages in the Educational Services:

- a. There are a large number of rented and moana schools which represent about 20% of the total number of the district's schools. Therefore, the building replacement operations in these schools are difficult.
- b. There is no land assigned to the educational services.
- c. Lack of vacant land.
- d. Financial resources are insufficient to purchase adequate lands.
- e. Expansion potential is very difficult and insufficient for expected increases.

Governorate : Alexandria
District : Montazah

SURVEY SUMMARY OF BASIC DATA & OBSERVATIONS FOR EDUCATIONAL FACILITIES

Date Prepared: 1999

CODE NO.	FACILITY NAME	ENROLLMENT BY SHIFT											CONDITIONS (4)				EXPAN- SION POT. (5)	
		OWNER-SHIP (1)	TYPE SCHOOL (2)	SEX (3)	FIRST			SECOND			THIRD		BUILD- ING	LIGHT- ING	EQUIP- MENT	W.C.		
					CLASS- ROOMS	STUD- ENTS	AVE. DENS.	CLASS- ROOMS	STUD- ENTS	AVE. DENS.	CLASS- ROOMS	STUD- ENTS						AVE. DENS.
1	El Asstra Prie.	G	P	B	12	1194	66	18	1024	57	18	1045	58	A	A	B	A	H
2	Salah El Desouy Prie.	G	P	B	10	777	60	13	772	59	13	764	59	A	A	A	A	N
3	Abou Heff Prie.	G	P	B	23	1493	62	23	1525	66	23	1574	67	A	A	A	A	N
4	El Manshia El Baharia	G	P	B	14	755	54	14	699	50	14	722	52	A	A	A	A	N
5	Malak Hefry Prie.	G	P	B	27	1647	61	27	1624	59	27	1619	60	A	A	A	A	N
6	Tahsen El Sena (old)	P/P/PP	P	B	10	428	42	10	426	42	10	425	42	A	A	A	A	C
7	Tahsen El Sena (new)	P	P	B	12	745	62	12	807	67	12	744	62	A	A	B	A	N
8	Issaql Fahay Prie.	P	P	B	17	925	54	17	768	45	17	842	50	B	A	B	A	N
9	Moustafa Mosharafa Prie.	G	P	B	17	714	59	17	725	56	17	756	58	A	C	C	A	N
10	El Shnead Mohamed Mahoud El Ashawy	G	P	B	17	703	57	17	748	58	17	729	57	A	A	B	A	V
11	El Monasadia Prie.	G	P	B	17	1155	68	17	1105	65	17	1161	62	A	B	C	B	N
12	Jabar Mairas Prie.	G	P	B	29	1810	52	29	1648	57	29	1532	53	B	B	C	C	N
13	Ebn Khaloud Prie.	G	P	B	21	1074	51	21	1017	48	-	-	-	A	A	A	A	N
14	Rakky El Akhial Prie.	MD	P	B	8	321	40	8	350	44	-	-	-	A	A	A	A	V
15	Abbet Mosen (new)	G	P	B	20	1313	76	20	1490	75	20	1293	65	A	A	A	A	N
16	Abbet Mosen (old)	G	P	B	8	565	71	8	520	65	8	499	62	C	B	A	A	N
17	Khorsned (new)	G	P	B	26	1419	55	17	974	57	29	1733	60	A	A	A	A	N
18	Khorsned (old)	G	P	B	6	349	58	6	292	49	6	294	49	C	C	C	C	N
19	Abou Year Prie.	G	P	B	23	1230	53	23	1191	49	-	-	-	A	A	A	A	N
20	Al-Dilya Prie.	MD	P	B	70	435	44	10	445	45	-	-	-	A	A	A	A	N
21	El-Mansoura Prie.	G	P	B	14	751	56	14	715	51	14	743	53	C	A	B	A	N
22	Ebn El Nafas Prie.	G	P	B	6	342	57	6	317	52	6	337	56	A	A	A	A	H
23	Abdel Aal Abou El Ghit	G	P	B	10	466	47	10	474	47	-	-	-	A	A	A	A	N
24	Aly Moubark (new)	G	P	B	11	599	54	-	-	-	-	-	-	A	A	A	A	N
25	Aly Moubark (old)	G	P	B	6	296	49	-	-	-	-	-	-	A	A	A	A	N
26	Saad Jahloul Prie.	G	P	B	24	1372	56	24	1369	58	24	1397	58	A	A	A	A	N
27	El Mandara Prie.	G	P	B	7	315	45	8	316	40	8	309	38	B	A	C	C	V
28	El Nabawy El Mohandes	G	P	B	19	1021	54	19	1071	56	19	1040	55	B	C	C	C	N
29	Taher Bak Prie.	G	P	B	6	335	56	6	322	54	-	-	-	C	B	C	B	N
30	Al Eslah Prie.	P/PP	P	B	18	943	52	17	732	44	-	-	-	A	A	A	A	N
31	Aziz Abaza Prie.	G	P	B	15	890	59	15	878	59	15	857	57	A	A	A	A	H
32	El Shieaa Prie.	G	P	B	24	1537	64	24	1530	65	24	1524	63	A	A	A	A	N
33	Ater El Sadat Prie.	G	P	B	21	1177	571	21	1085	52	11/10	612/531	56/53	B	A	A	C	N

NOTES: 1. Ownership - G (Government), P (Private), MD (Masha)
 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 : Alexandria
District : Montazah

SURVEY SUMMARY OF BASIC DATA & OBSERVATIONS FOR EDUCATIONAL FACILITIES

Date Prepared: 1989

FACILITY					ENROLLMENT BY SHIFT									CONDITIONS (4)				EXPAN- SION POT. (5)
CODE NO.	NAME	OWNER- SHIP (1)	TYPE SCHOOL (2)	SEX (3)	FIRST			SECOND			THIRD			BUILD- ING	LIGHT- ING	EQUIP- MENT	W.C.	
					CLASS- ROOMS	STUD- ENTS	AVE. DENS.	CLASS- ROOMS	STUD- ENTS	AVE. DENS.	CLASS- ROOMS	STUD- ENTS	AVE. DENS.					
1	Amr Abdel Aziz Shoater Prep.	G	PR	M	20	1128	56	20	1070	54	-	-	-	A	A	B	B	N
2	El Salaa Prep.	G	PR	M	32	1709	53	32	1654	52	-	-	-	A	C	E	A	N
3	Hanfy Mahmoud	G	PR	F/M	32	1391	43	32	1320	41	-	-	-	A	B	B	B	N
4	El Nasria Prep.	R	PR	F/M	12	717	60	12	707	59	-	-	-	A	A	A	A	N
5	Anted Badawy	G	PR	F/M	26	1222	47	26	1303	50	-	-	-	A	A	B	A	N
6	El Zaen El Sadat	G	PR/P/PR	F/M	17	674	51	9	425	47	24	1097	46	A	A	A	B	N
7	El Manshia El Baharia	R	PR	E/M	7	363	50	7	285	41	-	-	-	C	C	C	C	N
8	Basila Bou Hraic	R	PR	F/M	13	477	37	13	645	50	-	-	-	C	C	C	C	N
9	Fouad Mohiy El Dien	G	PR/P/PR	F/E/M	24	1329	55	17	570	44	24	1303	54	A	A	A	B	N
10	Aly Ibn Abi Taleb	G	PR	F/M	25	1319	51	25	1337	53	-	-	-	A	A	A	A	N
11	El Shaheed Mohamed Sedky	G	PR	F/M	15	720	48	15	899	60	-	-	-	A	A	B	A	N
12	Siedy Beshr (old)	G	PR	F	29	1500	52	29	1381	48	-	-	-	C	B	B	A	N
13	Siedy Beshr (new)	R	PR	F	10	405	41	10	405	41	-	-	-	D	A	A	B	N
1	Gamal Abdel Naser S.	G	S	M	40	1946	49	-	-	-	-	-	-	A	A	A	A	N
2	El Montazah S.	G	S	F	19	999	53	-	-	-	-	-	-	A	A	A	A	V
3	Industrial S.	G	S	M	58	1983	34	-	-	-	-	-	-	A	A	A	C	N
4	Agricultural S.	G	S	M	65	2200	34	-	-	-	-	-	-	A	A	E	B	N
5	Commercial S.	G	S	F	26	890	34	26	920	35	-	-	-	A	A	E	A	N

NOTES: 1. Ownership - G (Government), R (Rented), MO (Moana)
2. Schools - P (Primary), PR (Preparatory), E (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: Alexandria

District : Montazah

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	33	21	4	2	-	1	1	2	-	1	-	1	-	23	5	5	-	4	7
Preparatory	13	9	-	-	-	1	-	3	-	-	-	-	-	10	-	3	-	-	-
Secondary	2	2	-	-	-	-	-	-	-	-	-	-	-	2	-	-	-	1	-
Secondary / Preparatory	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Secondary Technical	3	3	-	-	-	-	-	-	-	-	-	-	-	3	-	-	-	-	-
Special Education																			
TOTAL	51	35	4	2	-	2	1	5	-	1	-	1	-	38	5	8	-	5 Schools	7 Schools

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)

Grade	Enrollment of E			Actual Class Size 1996			Actual Class Size 1997		
	1994	1995	1996	1994	1995	1996	1994	1995	1996
1	100	100	100	20	20	20	20	20	20
2	100	100	100	20	20	20	20	20	20
3	100	100	100	20	20	20	20	20	20
4	100	100	100	20	20	20	20	20	20
5	100	100	100	20	20	20	20	20	20
6	100	100	100	20	20	20	20	20	20
7	100	100	100	20	20	20	20	20	20
8	100	100	100	20	20	20	20	20	20
9	100	100	100	20	20	20	20	20	20
10	100	100	100	20	20	20	20	20	20
11	100	100	100	20	20	20	20	20	20
12	100	100	100	20	20	20	20	20	20
Total	1200	1200	1200	240	240	240	240	240	240

- 1. Pre-Program
- 2. Program Preparation
- 3. Program Delivery
- 4. Program Evaluation & Assessment
- 5. Program Improvement

- 6. Additional Classroom Space Needed to be Constructed for Future Population of Existing Students (Detail: Level Based on Delivered Rate of Growth, Actual Existing Number of Seats)
- 7. Additional Classroom Space Needed to be Constructed for Future Population of Existing Students (Detail: Level Based on Delivered Rate of Growth, Actual Existing Number of Seats)
- 8. Additional Classroom Space Needed to be Constructed for Future Population of Existing Students (Detail: Level Based on Delivered Rate of Growth, Actual Existing Number of Seats)
- 9. Additional Classroom Space Needed to be Constructed for Future Population of Existing Students (Detail: Level Based on Delivered Rate of Growth, Actual Existing Number of Seats)
- 10. Additional Classroom Space Needed to be Constructed for Future Population of Existing Students (Detail: Level Based on Delivered Rate of Growth, Actual Existing Number of Seats)
- 11. Additional Classroom Space Needed to be Constructed for Future Population of Existing Students (Detail: Level Based on Delivered Rate of Growth, Actual Existing Number of Seats)
- 12. Additional Classroom Space Needed to be Constructed for Future Population of Existing Students (Detail: Level Based on Delivered Rate of Growth, Actual Existing Number of Seats)

$$\frac{\text{Total Number Students} \times \text{Average Density}}{\text{Average Density}} = \text{No. of Classrooms Needed}$$

$$\frac{\text{Total Number Students} \times \text{Rate of Growth}}{\text{Average Density}} = \text{No. of Classrooms Needed}$$

$$\frac{\text{Total Number Students} \times \text{Rate of Growth}}{\text{Standard Density}} = \text{No. of Classrooms Needed}$$

13. Additional Classroom Space Needed to be Constructed for Future Population of Existing Students (Detail: Level Based on Delivered Rate of Growth, Actual Existing Number of Seats)

14. Additional Classroom Space Needed to be Constructed for Future Population of Existing Students (Detail: Level Based on Delivered Rate of Growth, Actual Existing Number of Seats)

15. Additional Classroom Space Needed to be Constructed for Future Population of Existing Students (Detail: Level Based on Delivered Rate of Growth, Actual Existing Number of Seats)

16. Additional Classroom Space Needed to be Constructed for Future Population of Existing Students (Detail: Level Based on Delivered Rate of Growth, Actual Existing Number of Seats)

6.

8. Development Potential in Educational Services:

- a. From (Table E-4) the need for classrooms is apparent just from the expected future increases (Item 6) during the next five years. This results in a need for a total number of new classrooms of 2,385 (see last column) or about 447 classrooms per year and cancellation of the second and third shifts.
- b. Increase the funds allocated for maintenance works.
- c. Provide furniture and equipment for classrooms, laboratories and workshops.
- d. Build additional classrooms at schools having expansion potential.
- e. Raise the efficiency level of the teachers by means of holding training sessions for them.
- f. Use the modern educational aids.

9. Needs Assessment and Estimated Cost:

- The total estimated cost for the Primary stage is L.E 1,351,000.
- The total estimated cost for the Preparatory stage is L.E 724,000.
- The total estimated cost for the Secondary stage is L.E 696,000.
- The total estimated cost is L.E.2,771,000.

MULTI-YEAR CAPITAL IMPROVEMENTS PROGRAM

EDUCATIONAL FACILITIES

Governorate : Alexandria

District : Montazah

Date Prepared: 1989

Facility Titles	Description of Improvement	Total Estimated Cost (LE)
1. El Asafra Primary School	Vertical addition of 4 classrooms	36,000
2. Salah El Dosoki Primary School	Rehabilitation and maintenance	20,000
3. Abou Haef Primary School	Rehabilitation and maintenance	30,000
4. El Manshia El Baharia Primary School	Rehabilitation and maintenance	20,000
5. Malak Hifny Primary School	Construction of 6 classrooms	85,000
6. Tahseen El Sehha El Kadima	Rehabilitation and maintenance	25,000
7. Tahseen El Sehha El Gididah	Rehabilitation and maintenance	20,000
8. Ismail Fahmy Primary School	Vertical addition of multi-activity building	20,000
9. Mostafa Mosharafa Primary School	Construction of 4 classrooms	50,000
10. El Shaheed Mohamed Mahmoud EL-Ashmawy	Vertical addition of 3 classrooms on 3 floors.	30,000
11. El Mohamadiah Primary School	Rehabilitation and maintenance	30,000
12. Omar Makrom Primary School	Rehabilitation and maintenance for all School buildings.	60,000
13. Ibn Khaldoun Primary School	Rehabilitation and maintenance	35,000
14. Roky El Akhlak Primary School	Rehabilitation and maintenance	20,000
15. Ezbet Mohsen El Gididah	Rehabilitation and maintenance	20,000
16. Ezbet Mohsen El Kadima	Rehabilitation and maintenance	25,000
17. Khorshed El Gididah	Rehabilitation and maintenance	20,000
18. Khorshed El Kadima	Rehabilitation and maintenance	45,000
19. Abou Kier Primary School	Rehabilitation and maintenance	25,000
20. El Haamorah Primary School	Construction of W.C.	20,000
21. Ibn El Nafees Primary School	Rehabilitation and maintenance	20,000
22. Saad Zaghlol Primary School	Rehabilitation and maintenance	20,000
23. El Madara Primary School	Rehabilitation and maintenance and construction of 6 classrooms.	120,000
24. El Nabawy El Mohandes	Rehabilitation and maintenance	35,000
25. Taher Bek Primary School	Rehabilitation and maintenance	35,000
26. El Eslah Primary School	Rehabilitation and maintenance	20,000
27. Aziz Abazah Primary School	Construction of 4 new classrooms	50,000
28. El Shimaa Primary School	Rehabilitation and maintenance	20,000
29. Atef El Sedat Prim. School	Rehabilitation and maintenance	45,000
30. El Semad at Abou Kier	Rehabilitation and maintenance	20,000
31. El Oliya Primary School	Rehabilitation and maintenance	30,000
32. Abdel Aal Abou El Ghatu	Rehabilitation and maintenance	20,000
33. Ali Mobarak El Gididah	Rehabilitation and maintenance	20,000
34. Ali Mobarak El Kadima	Rehabilitation and maintenance	60,000
	Furniture and equipment for new classrooms	200,000
	Sub Total	1,351,000

MULTI-YEAR CAPITAL IMPROVEMENTS PROGRAM

EDUCATIONAL FACILITIES

Governorate : Alexandria

District : Montazah

Date Prepared: 1989

Facility Titles	Description of Improvement	Total Estimated Cost (LE)
1. Amr Abdel Aziz Shoair	Rehabilitation and maintenance	25,000
2. El Salam Pr. School	Rehabilitation and maintenance	30,000
3. Hanafy Mohmoud	Rehabilitation and maintenance	35,000
4. El Naseriah Pr. School	Rehabilitation and maintenance	30,000
5. Ahmed Badawy Pr. School	Rehabilitation and maintenance	25,000
6. El Zaïem El Sadat Pr. School	Construction of 10 classrooms and W.C.	109,000
7. El Manshiah El Bahariuh Pr. School	Rehabilitation and maintenance of W.C.	35,000
8. Gamilah Bou Hraid Pr. School	Rehabilitation and maintenance for School buildings and for W.C.s	45,000
9. Fouad Mohiy El Dien Pr. School	Rehabilitation and maintenance construction of additional W.C.	35,000
10. El Shaheed Mohmoud Sedki Pr. School	Rehabilitation and maintenance	20,000
11. Ali Ibn Abi Taleb Pr. School	Rehabilitation and maintenance	20,000
12. Sadi Beshr El Kadima Pr. School	Rehabilitation and maintenance	45,000
13. Sedi Beshr El Gidadah	Rehabilitation and maintenance	20,000
	Furniture and equipment for new classrooms	250,000
	Sub Total	724,000

af/E-5 AM1

MULTI-YEAR CAPITAL IMPROVEMENTS PROGRAM

EDUCATIONAL FACILITIES

Governorate : Alexandria

District : Montazah

Date Prepared: 1989

Facility Titles	Description of Improvement	Total Estimated Cost (LE)
1. Gamal Abdel Naser S. School	Construction of 4 classrooms	50,000
2. El Montazah Secondary School for Girls	Vertical addition of 7 classrooms and construction of W.C.	68,000
3. Industrial Secondary School	Construction of 5 classrooms and W.C	70,000
4. Agricultural Secondary School	Construction of 18 classrooms on 3 floors and Construction of additional W.C.s	200,000
5. Commercial Secondary School at El Mandarah	Providing the school with typewriters and spare parts.	8,000
	Furniture and equipment for new classrooms	300,000
	Sub Total	696,000
	Total	2,771,000

af/E-5 AH2

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 each hospital is 200. 100 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 unit for each 10,000 persons.
- f. 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:

- a. Deficiency of medical equipment.
- b. There is no land assigned for health services.

We can raise the level of efficiency of health services by:

1. Supporting the health facilities by modern medical equipment.
2. Regular maintenance for existing facilities.
3. Providing the medical equipment with the required spare parts.
4. Holding training courses for doctors and technicians.

4. Needs Assessment and cost estimate:

(Table H-3)

The total estimated cost amounts to L.E 901,650.

NO.	FACILITY NAME	SERVICE AREA	OUT-PATIENT				IN-PATIENT				FACILITY CONDITION (1)								E/P. POT. (2)			
			AVERAGE /DAY	PHYSICIAN/TECH. STAFF	NURSES/OTH. STAFF	TREATMENT	AVERAGE /DAY	AVERAGE STAY/	No. BEDS	PHYSICIAN/TECH. STAFF	NURSES/OTH. STAFF	TREATMENT	BUILDINGS	PHARMACY	EMERG. ROOM	ILLUMINATION	TREATM. ROOMS	OPERAT. ROOMS		WATER BEWER	A.C.'s	
1	Dr. El Nabawy El Mohandes Hosp.	Alex. + Matrouh + Beheira Governorates					40	15	750	11/56	65/133	Psychiatrics/ Mental Retar- dation/ Addiction Treatment	B	A	-	A	B	B	B	B	B	V
2	Alex. Center for Daring and Addiction Treatment.	Alex. Governorate					50	15	70	35/1	-/10	Addiction Treatment	A	-	-	A	A	-	-	A	V	
3	Abou kir Central Hosp.	Yearob Farms	150	67/17	24/40	Medicine and all various diseases	10		60	67/17	24/40	Various diseases	B	B	-	A	B	B	C	C	V	
4	El Montazah Therapeutic Unit	Hod 10/ El-Melaha/ El Mandara/ El Montazah	300	11/24	-/10	various diseases							C	B	-	B	B	-	-	B	N	
5	El Masara Chest Diseases Hospital	El Montazah District	4				552	-	350	30/2	46/50	Chest diseases	B	B	-	C	B	C	C	C	V	
6	El Mandara Public Health Center	El Montazah District	1700	35/215	95/238	Vaccination			4 for Obstetrics				A	A	A	A	A	A	C	B	V	
7	Sid. Beshr Health Office	Area around the office	25	11/6	10/8	Serving Health Offices							B	-		C	-	-	A	B	N	

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

SUMMARY OF BASIC DATA AND OBSERVATIONS FOR
PUBLIC HEALTH FACILITIES

Data Prepared: 1989

NO.	FACILITY NAME	OUT-PATIENT					IN-PATIENT						FACILITY CONDITION (1)								EXP. POT. (2)
		SERVICE AREA	AVE. PATNS /DAY	PHYSICIAN/ TECH. STAFF	NURSES/ OTH. STAFF	TREATMENT	AVE. PATNS /DAY	AVERAGE STAY/	No. BEDS	PHYSICIAN/ TECH. STAFF	NURSES/ OTH. STAFF	TREATMENT	BUILDING	PHARMACY	EMERG. ROOM	ILLUMINATION	TREATM. ROOMS	OPERAT. ROOMS	WATER SEWER	W.C.'s	
8	Abou kir Health Office	Area around the office	25	5/2	10/3	Serving Health Offices							B	-	-	C	-	-	B	B	N
9	Darbala Health Office	Area around the office	25	11/3	21/6	Serving Health Offices							B	-	-	B	-	-	B	B	N
10	Sonn Rural Unit	*	30	8/13	14/5	All diseases							B	B	-	C	B	-	C	B	V
11	Mohsen Rural Unit	*	70	17/10	14/5	All diseases							A	B	-	B	B	-	B	B	H
12	Khorshed Rural Unit	*	60	15/11	16/5	All diseases							A	B	-	B	B	-	B	B	V
13	El Montazah Rural Unit	*	55	19/15	15/5	All diseases							A	B	-	B	B	-	B	B	H
14	Toson Infantile Care Center	Toson El Masara Mid-Town	45	1/8	8/3	Family Planning Mother & Childhood Care							A	B	B	A	B	-	B	A	N
15	New Darbala Health Office	Darbala Area		-/1	3/3	Serving health offices			Not started yet				A	-	-	-	-	-	B	B	N
16	Abou kir Child Care	Abou kir & its outskirts	50	11/6	16/3	Childhood & Motherhood & Family Planning							A	B	-	A	B	-	B	A	N
17	Abou kir School Health Unit	All Abou kir Sch. & its outskirts	200	5/15	15/28	All diseases							B	B	-	B	B	-	B	B	N

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

MULTI-YEAR CAPITAL IMPROVEMENTS PROGRAM

Governorate : Alexandria

HEALTH FACILITIES

District : Montazah

Date Prepared: 1989

Facility Title	Description of Improvement	Total Estimated Cost (LE)
El Mandara Health Center	<ul style="list-style-type: none"> - Completing the construction of the ground and the upper floors, extending the clinic rooms and school health clinics, constructing a shed - Supplying the unit by an internal switch (10 lines) and 2 complete Dental units, an internal Radio unit, an Ambulance car for the Obstetrics cases, equipping the rooms of the new building with desks and chairs, repair of sewerage system. 	190,000
Khorshed Rural Unit	<ul style="list-style-type: none"> - Sputum analyser, Microscope, Ambulance car, apparatus for measuring Erythrocytic Sedimentation Rate (E.S.R), An apparatus for Dental fast Sheran filling, Burs Holder, Electric boiler 44cm, Galvanized holder, Straight root elevator, Carbol ampule syringes, Oxygen cylinder with Mask, Hose and Pressure Gauge, 24 Chairs, Equipping the nurses and the doctors' residences, Oxygen Cylinder with Anesthetic mask. 	85,000
El Montazah Rural Unit	<ul style="list-style-type: none"> - Ambulance car, Obstetric table, Cervical Cautery apparatus, Microscope, Bone forceps, Shed for Hygienic culture and education, Dental filling apparatus, Equipment cupboard, Dressing's table, Fast Burs Holder, Electric boiler 44cm., 3 Root elevators (straight, right and left), filling pressure instruments Carbol syringes, Oxygen cylinder with Gauge, Hose and Mask, 24 Chairs, Equipping the doctors' and the nurses' residences. 	105,000

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MULTI-YEAR CAPITAL IMPROVEMENTS PROGRAM

Governorate : Alexandria

HEALTH FACILITIES

District : Montazah

Date Prepared: 1989

Facility Title	Description of Improvement	Total Estimated Cost (LE)
Toson Infantile Care Center	Making partitions between the big rooms, steel curtains to protect the windows & Oxygen cylinders, equipping some offices, examination bed paravanes.	10,000
New Derbala Health Office	2nd floor has been constructed	
Abou Kir Infantile Care Center	Oxygen cylinder with accessories	1,050
Abou Kir School Health Center	Oxygen cylinder with accessories	1,050
Sidi Bishr Health Center	12 ft. refrigerator	850
Abou Kir Health Office	" "	850
Derbala Health Office	" "	850
John Rural Unit	12 ft. refrigerator, gas, electricity, Microscope Ambulance car, constructing a management room and 2 rooms for nurses and a shed for Hygienic education, constructing of a fence with an iron gate, Dental filling apparatus with fast Sheran, fast Burs Holder, filling pressures instruments, root elevators (straight, left and right), Carbol syringes, Dressing table, electric boiler 44 cm, Oxygen cylinder with Gauge, Hose and Mask, 24 chairs, equipping doctor's and nurses' residences, Galvanized holder. 2 Dental forceps (right and left)	135,000
Mohsen Rural Unit	Dental chair, Sputum Analyser, Dental filling apparatus, electric boiler 44 cm, 3 root elevators (straight, left and right), pressure filling instruments, Galvanized Holder, Carbol syringes, Oxygen cylinder with Hose, Gauge and Mask, 24 chairs, equipping doctors' and nurses' residences, fast Burs Holder, inclined valve.	6,000
	TOTAL	901,650

MULTI-YEAR CAPITAL IMPROVEMENTS PROGRAM

Governorate : Alexandria
 District : El Montazah

HEALTH FACILITIES

Date Prepared: 1969

Facility Title	Description of Improvement	Total Estimated Cost (LE)
Dr. El Nabawy El Mohandes Psychiatric Hospital in El-Maamora	<ul style="list-style-type: none"> - Equipping the new nurses' residence & the old residence in order to use it for patient's treatment and it may contains about new 100 beds & chairs & & food tables ..etc. Equipping a hall for sports of patients refrigerators & deep-freezers for kitchens and stores. 	35,000
Alex. Center for Addiction Treatment, and for Curing	<ul style="list-style-type: none"> - Increasing the capacity to 90 beds (20 beds increase) equipping and paving the football playground, Urine & Blood analysis apparatus for addicts. 	6,000
Abou Kir Central Hospital	<ul style="list-style-type: none"> - Increasing the number of beds by 60 others equipping the main operation room which is constructed recently by operating table, side lights, ceiling lights, 6 Braille apparatuses, Suction apparatus, Surgical instruments for E.M.T & Gynecology sections, Diathermy apparatus, Ventilator apparatus, Electro-Cardiographic apparatus, Monitor, Sphygmomanometers, electronic Fetal Ste.hoscope, X-Ray apparatus, portable X-Ray apparatus, portable Dental X-Ray apparatus, Autoclave, lenses box for Ophthalmology section and also surgical instruments, Retinoscope, Nitrous Oxide and Oxygen cylinders for operations. - Equipment & maintenance for W.C.s & sewer lines. 	180,000 30,000

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MULTI-YEAR CAPITAL IMPROVEMENTS PROGRAM

Governorate : Alexandria
 District : Montazah

HEALTH FACILITIES

Date Prepared: 1989

Facility Title	Description of Improvement	Total Estimated Cost (LE)
El Montazah Therapeutic Unit	<ul style="list-style-type: none"> - New equipment and furniture for improving the level of treatment. - Establish an Ophthalmology & E.M.T. Sections. - Equipment for the following sections: <u>Dermatology</u>: electric Cautery, Forceps and Scissors of different sizes. <u>Dental</u>: Contra., disposable syringes, Dental X-Ray apparatus. <u>Medicine</u>: Electro - Cardiographic and X-Ray apparatuses. <u>Laboratory</u>: Sypco apparatus for analysis. 	30,000
Maamora Chest Hospital / Chest Dispensary	<p>Repairing the sewerage and W.C.s, painting the hospital departments, the facade and repairing the operation department for the Heart and Chest operations, establishment of an Intensive-Care unit. For the Chest Dispensary, The following equipment is needed: Broncho-scope, Chest X-Ray apparatus. An apparatus for checking the Lungs efficiency with a computer, Electro - Cardiographic apparatus.</p>	85,000

Section III
Youth Facilities

1. **Standards:**

- a. One youth center per 10,000 persons.
- b. The typical youth center should occupy approximately 5.5 feddans.
- c. Each center should include a swimming pool.
- d. Providing the facilities in order to serve 80% of district's youth. It's 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 is L.E.170,000.

PUBLIC YOUTH CENTERS

E/P/A/E - ELEMENT & BASED DATA AND OBSERVATION

Governorate : Alexandria
 District : Matruh

Date Inspection : 1987

No.	P A C I D I T I O N						P A C I D I T I O N						EXPANSION POTENTIAL	
	NAME	TYPE OF FACILITY	ACTIVITIES PROVIDED	MEMBERSHIP	APPROXIMATE AREA SERVED	APPROXIMATE POPULATION SERVED	COLLOC	COLIFORM	WATER	WASTEWATER	PLUMBING	ELECTR		REFRIGERATION
1	Ass. Yth Center	Y.C.	Sports & Cultural	190	Ass. Yth Tosca & All schools	197	E	E	E	A	E	E	A	A
2	EI Matruh Youth Center	*	*	500	E. Matruh EI Matruhah	500	E	E	E	C	E	E	E	H/A
3	Soc. Esst. Club	*	*		Soc. Esst. Cereale EI Elechi		E	E	C	A	E	A	A	A

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

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MULTI-YEAR CAPITAL IMPROVEMENTS PROGRAM

YOUTH FACILITIES

Governorate : Alexandria

District : Montazah

Date Prepared: 1989

Youth Facility	Description of Improvement	Total Estimated Cost (LE)
1. Abou Kir Youth Center	Erection of a fence around the land in front and behind the Y.C in order to increase the land use and protecting the land from any external occupation.	70,000
2. El Maamora Youth Center	Constructing a hall and a locker room unit besides the existing building to increase the activities.	60,000
3. Sidi Bishr club (sports)	Construction of a second floor on the existing building and completing the old building of W.C.'s.	40,000
	Total	170,000

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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