



Republic of Yemen

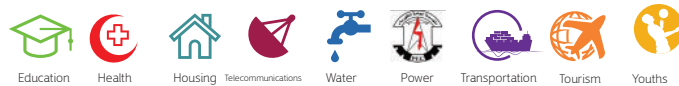
Taiz Province

**Office of Ministry of Planning and
International Cooperation**











Damage and Needs Assessment

Taiz Province

First Stage (2018)



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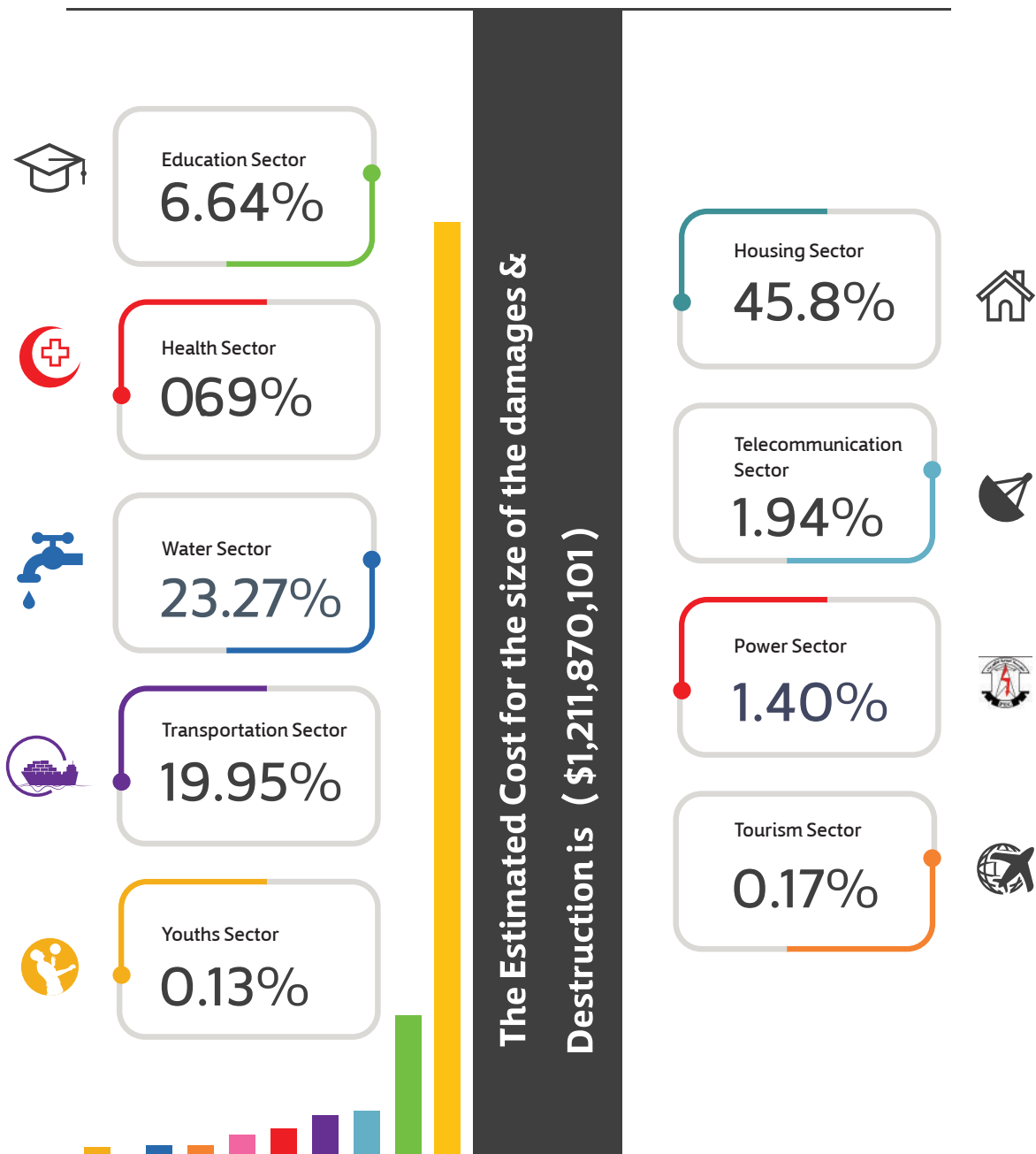
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Introduction

Taiz Governorate is ranked number (02) the second largest governorate among the Republic Governorates that was exposed to & affected by the war, in terms of the size of damages and destruction to all sectors, either in the city or in the province. The data & numbers of the Primary Reports which we received from the government Offices and institutions working in the province. The size & extent of the damages and destruction that affected those sectors has been estimated at a total cost of (\$1,211, 870,101) along the liberated areas in the city or in the rural districts and areas, (See table below).

The percentage of the estimated cost on the sectors was as follows:



The Percentage Distribution for the Estimated Total Cost on the level of sectors

Program (Method) & Range

Geographical Range:

The assessment stage of the damages and needs estimation included the three directorates in the City (AlModhaffar - Kairo - Salah) and the liberated rural areas as well.

Sectorial Range:

This stage of assessment and needs estimation has focused on nine sectors, they are as follows:
Education - Health - Housing - Communications - Water - Power - Transportation - Tourism - Youth

Method (Way):

The assessment method that was used in assessment has chiefly depended on the basis of collecting the received & submitted data from official reports by the responsible authorities in each sector. This means That work was done by The executive offices for Tha local authority and by Dep artment of studies and Their Technical and field Teams .



Education Sector

The Education Sector has been exposed to great damages because of war. Some buildings were wholly destroyed and the others were partially damaged. As a result of the initially assessment for the size of the damages that affected the educational sector, in the liberated areas (first stage), was estimated at a total cost of (\$ 80.520.648)

Estimated Cost for Re-construction (\$)

41,460,054 \$

Estimated Cost for Restarting-Service (\$)

39,060,594 \$

Total Estimated Cost for the Size of the Damages that affected " Education Sector " (First Stage).

80,520,648 \$

0.21%

University

Estimated Cost for Re-construction (\$)

1,974,102 \$

Estimated Cost for Restarting-Service (\$)

517,931 \$

Total Estimated Cost for the Size of the Damages that affected " Education Office (First Stage).

2,492,033 \$

1.12%

Vocational Training

Estimated Cost for Re-construction (\$)

12,180,501 \$

Estimated Cost for Restarting-Service (\$)

1,366,667 \$

Total Estimated Cost for the Size of the Damages that affected " Education Office (First Stage).

13,547,168 \$

5.32%

Education

Estimated Cost for Re-construction (\$)

27,305,451 \$

Estimated Cost for Restarting-Service (\$)

37,175,996 \$

Total Estimated Cost for the Size of the Damages that affected " Education Office (First Stage).

64,481,447 \$



41

Educational Institutions That were affected & damaged in Districts : Kairo _ Almodhaffar

17 Totally damaged

24 Partially damaged

13

Educational Institution needs reconstruction in the rural districts

60

Educational Institution needs rehabilitation in the conflict areas

16

Educational Institution in the way of primary and vocational studies in the city districts (Almodhaffar - Kairo -Salah)

87

Educational Institution needs rehabilitation and reconstruction in seven partially affected rural districts

08

There are eight incomplete and halted educational institutions in the past years for improving the secondary education. They need completion

«Summing up Summery for the total of the estimated cost for the damaged Education Office Projects out of war- Taiz Province,2018 (first stage)»

NO	Project / Program Name	Estimated Cost for Re-construction (\$)	Estimated Cost for Restarting-service (\$)	Total Cost (\$)
1	Damages repairing for a number of (41) Educational Institution in Districts of (Almodhaffar - Kairo)	4,223,066	1,978,520	6,201,586
2	Damages repairing for a number of (16) Educational Institution in Districts of (Almodhaffar -Kairo -Salah)	1,150,000	860,000	2,010,000
3	Re-construction for a number of (13) wholly destroyed Educational Institution	3,900,000		3,900,000
4	Rehabilitation (repairing) & constructing educational buildings in the rural districts for a number of (87) institution.	8,857,000		8,857,000
5	Rehabilitation (repairing) & constructing for a number of (60) institution in the frontlines war areas.	6,500,000		6,500,000
6	Completing construction in (8) delayed & uncompleted projects from past years.	2,675,385		2,675,385
7	Suggested Project for treating & handling the rapid needs to restart service in the office.		34,337,476	34,337,476
Total		27,305,451	37,175,996	64,481,447

**Summing up Summary for the total estimated cost for the damaged «High Education Projects «
(Taiz University because of war, Taiz Province,2018. (first stage)**

NO	Project / Program Name	Estimated Cost for Re-construction (\$)	Estimated Cost for Restarting-service (\$)	Total Cost (\$)
1	Al-saeed Engineering & Information Technology College	941,571	94,855	1,036,426
2	Applied Sciences College	98,321	20,860	119,181
3	Education College	103,884	15,907	119,791
4	Law College	28,184	927	29,111
5	Administrative Sciences College	10,307	4,927	15,234
6	Arts College	1,000	8,010	9,010
7	Computer Center	78,432	24,508	102,940
8	Deputyship of Students' Affairs	25,217	10,863	36,080
9	Psychological Guidance Center		3,524	3,524
10	22 May Hall		4,762	4,762
11	Continuous Education (Learning) Center.		23,619	23,619
12	Central Library	19,915	5,429	25,344
13	International Cooperation & Foreign Relations Unit		9,740	9,740
14	Female Students' Accommodation (Housing)	165,364		165,364
15	22 May Hall	58,844		58,844
16	Students' Services Center	25,839		25,839
17	Tawfeek Hall	27,224		27,224
18	Educational Development Hall	2,000		2,000
19	Medicine College	8,000		8,000
20	Repairing of Electricity & Communication Network		80,000	80,000
21	Students' Needs of the Educational Materials		10,000	10,000
22	Fence of University Campus	60,000		60,000
23	Female Students' Transport Means	320,000		320,000
24	Operating (Working) Expenses		200,000	200,000
Total		1,974,102	517,931	2,492,033

**Summing up Summary for the total estimated cost for the damaged
«Vocational Education & Professional Training Office» because of war, Taiz Province,2018.
(first stage)**

NO	Project / Program Name	Estimated Cost for Re-construction (\$)	Estimated Cost for Restarting-service (\$)	Total Cost (\$)
1	Technical & Industrial Institute - Alhaseb	2,840,000	166,667	3,006,667
2	Technical & Commercial Institute	902,833	100,000	1,002,833
3	Technical & Industrial Institute - Alhawban	2,537,667	166,667	2,704,333
4	Technical, Professional, Industrial & Agricultural Institute -Alkheyami	600,000	100,000	700,000
5	Industrial Institute -Alturbah	466,667	100,000	566,667
6	Industrial Institute - Ghobairah	200,000	233,333	433,333
7	Industrial Institute - Mawzaa	166,667	66,667	233,333
8	Alkhansa Institute - Osaiferah	666,667	33,333	700,000
9	Alsaeed Professional & Technical Institute -Alkhotwah	366,667	66,667	433,333
10	Technical Institute - Alganad	266,667	66,667	333,333
11	Industrial Institute _ Bani Awn	300,000	66,667	366,667
12	Technical & Commercial Institute - Alsenah	1,266,667	66,667	1,333,333
13	Technical & Commercial Institute - Odainah	1,300,000	66,667	1,366,667
14	Technical Institute - Alhabab	133,333	66,667	200,000
15	Technical Education Office -Taiz City	166,668		166,668
Total		12,180,501	1,366,667	13,547,168

Health Sector

The incoming & received data in the primary reports indicates that «Health Sector was exposed into huge damages in its infrastructure, facilities & equipment which were destroyed. The total & estimated cost for the size of the damages in the sector was (\$ 8.416.428), as follows : [\$ 2.548.237] is the estimated cost for re-construction and [\$5.868.191] is the estimated cost for restarting the services.

2,548,237 \$

**Estimated Cost for
Re-construction**

5,868,191 \$

**Estimated Cost for
Restarting the Services**

8,416,428 \$

**Total Estimated Cost for the Size
of the Damages that affected
«Health Sector « (first Stage).**



**Summing up Summary for Total & Estimated Cost for Projects of
Health & Population, affected and damaged by the war -Taiz Province ,2018 (first stage).**

NO	Project / Program Name	Estimated Cost for Re-construction (\$)	Estimated Cost for Restarting-service (\$)	Total Cost (\$)
1	Authority of Althawrah Public Hospital	366,000		366,000
2	Central Health Laboratory	166,000		166,000
3	Algomhory New Hospital	126,000		126,000
4	Algomhory Old Hospital	144,000		144,000
5	Alrawdah Hospital	115,000		115,000
6	Alaskary [Military] Hospital	709,000		709,000
7	Palestine Hospital	63,000		63,000
8	Repairing the Swedish Hospital	290,917		290,917
9	Hope Hospital for Cancer Patients	156,000		156,000
10	Aldarn Hospital [TB - Tuberculosis Hospital]	104,000		104,000
11	Repairing the Hospital of the Skin Diseases	128,357		128,357
12	Building of Program Managing [Leprosy].	22,150		22,150
13	Sleeping Building [Leprosy].	157,813		157,813
14	Heart Center		3,250,000	3,250,000
15	Operating (Working) Expenses for Public Hospitals		2,618,191	2,618,191
Total		2,548,237	5,868,191	8,416,428

Housing Sector

Housing & Road Sector was exposed into big damages on the level of the city and the province, the total estimated cost for this sector was [\$ 555.027.920].

On the basis of the preliminary field survey, we find the followings :

1-Building & Enterprises [Institutions] :-

The destroyed buildings & Institutions out of war were counted in the liberated areas and parts of the governorate, [public buildings - people special buildings - mosques -], the total estimated cost for the size of the damage , in this field, is [\$ 27.668.920]. In percentage, it is (5 %) out of the total damages size in the sector.

1-Building & Enterprises [Institutions] :-

The inner roads projects were exposed into great damages during this war and they could not be used and the total estimated cost for the size of project damages is [\$ 527.359.000]. It represents the percentage of (95 %) from the stopped & incomplete roads in the whole province.



Summing up Summary for Total & Estimated Cost for Projects of Housing Sector, affected and damaged by the war - Taiz Province ,2018 (first stage).

No	Project / Program Name	Estimated Cost for Re-construction (\$)	Estimated Cost for Restarting-service (\$)	Total Cost (\$)
1	Program of Making & Tarmacking (Asphalt) Roads of Districts.	147,339,000		147,339,000
2	Program of Tarmacking,Paving & Maintaining the Asphalt.	22,035,000		22,035,000
3	Stony (stone) Paving for Districts and Secondary Cities	12,946,000		12,946,000
4	Ring Roads & Expanding Cities Entries.	42,276,000		42,276,000
5	Strategic Roads Projects.	81,742,000		81,742,000
6	Bridges & Archways Projects.	8,871,000		8,871,000
7	Lighting Projects.	4,139,000		4,139,000
8	Incomplete, Halting(delayed) Projects.	140,641,000		140,641,000
9	New Requested Projects.	67,370,000		67,370,000
Total Amount of Roads Projects.		527,359,000		527,359,000
10	Public (Governmental) Buildings.	2,731,381		2,731,381
11	Mosques.	780,299		780,299
12	People Special Buildings.	24,157,240		24,157,240
General Total Amount of the Sector		555,027,920		555,027,920

Communication Sector

The Telephoning Networks & the Communication and Central Stations of the sector were exposed into damages during the war ,some of them into robberies and stealing. This has badly affected and deteriorated the service in the sector. The primary reports of the sub-committees ,in the city & some of the districts, have indicated that the total estimated cost for the size of the damages in the sector is [\$ 23.550.888], In percentage of (1.94 %) out of the total estimated size of the damages.

22,409,447 \$

Estimated Cost for Re-construction.

1,141,441 \$

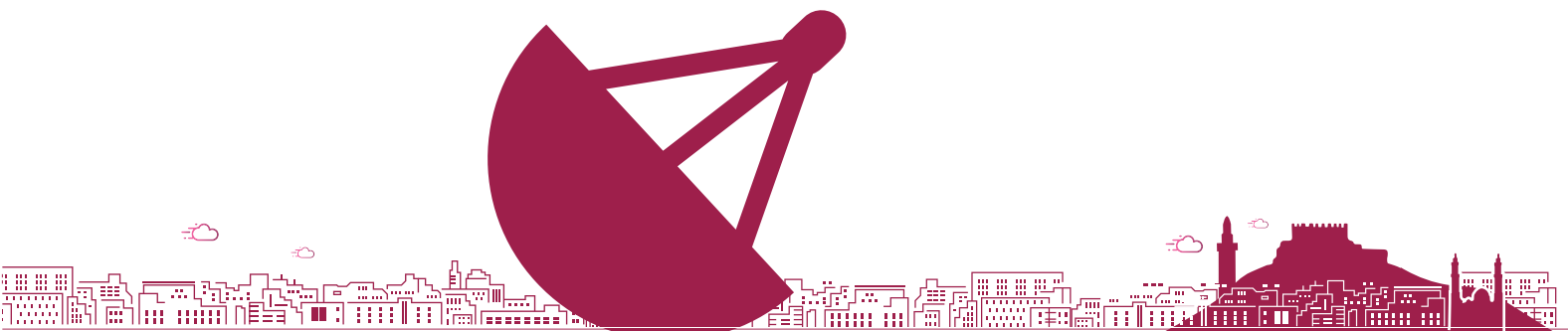
Estimated Cost for Restarting the Service

23,550,888 \$

Total of the Estimated Cost for the size of the damages that affected the sector & the destroyed Communication from the war. (first stage).

«Summing up Summery for Total & Estimated Cost for Projects of Information Technology & Communication, affected and damaged by the war -Taiz Province ,2018 (first stage).»

No	Project / Program Name	Estimated Cost for Re-construction (\$)	Estimated Cost for Restarting-service (\$)	Total Cost (\$)
1	Project of Rehabilitation (Repairing) the Telephoning Network & its Supplements.	22.409.447	1.141.441	23.550.888
General Total		22.409.447	1.141.441	23.550.888



Water Sector

The total estimated cost for the size of damages that affected «Water Sector» was [\$ 281.955.266] and an amount of [\$ 9.578.093] in the field of restarting services, according to the data mentioned in the report that was edited and reported by the «Local Institution for Water & Sanitation.»



Summing up Summary for Total & Estimated Cost for Projects of Housing Sector, affected and damaged by the war - Taiz Province ,2018 (first stage).

No	Project / Program Name	Estimated Cost for Re-construction (\$)	Estimated Cost for Restarting-service (\$)	Total Cost (\$)
1	Repairing (Maintaining) General Administration Building & Its Branches.	597,380		597,380
2	Project of Wells Maintaining and Operating Expenses.		1,541,293	1,541,293
3	Maintaining & Rehabilitating Water System.	253,696,123		253,696,123
4	Maintaining & Rehabilitating Sanitation Network.	7,492,600		7,492,600
5	Maintaining & Rehabilitating Stations of the Sanitation Processing.	3,310,000		3,310,000
6	Providing & Supplying Equipment and Spare Parts.	7,281,070		7,281,070
7	Improving the Institutional Construction.		736,000	736,000
8	Supporting Incomplete & Halting Costs. (Operating Expenses).		7,300,800	7,300,800
General Total		272,377,173	9,578,093	281,955,266

Power Sector

The Power Sector (Electricity) is the sector that has been totally stopped out of service for three years. This sector was affected by destroying the network, stations, transmitters and high pressure wires (lines). The total estimated cost for the damages in the sector is [\$ 16.951.935].

12,078,468 \$

Estimated Cost for
Re-construction.

4,873,467 \$

Estimated Cost
for Restarting the Service

16,951,935 \$

Total of the Estimated Cost for
the size of the damages that
affected the Electricity Sector.
(first stage).



Summing up Summary for Total & Estimated Cost for Projects of Power Sector, affected and damaged by the war -Taiz Province ,2018 (first stage).

No	Project / Program Name	Estimated Cost for Re-construction (\$)	Estimated Cost for Restarting-service (\$)	Total Cost (\$)
1	Rehabilitating & Replacing all the «High & Low Pressure Distributing Networks » that were affected and destroyed by the war, and the sub-transmitting stations,33 /11 kb	6,578,468		6,578,468
2	Rehabilitating & Replacing all the transmitting lines of the electricity power, system 132 kv Almakha - Albarh -Taiz which were affected by war, The main transmitting stations 132 / 33 kv and Osaiferah Generating Station.	3,500,000		3,500,000
3	Rehabilitating Public Electricity Corporation Building -Taiz area and all the supplement buildings of the area and providing all the work equipment, devices & transportation means to re-operating the electricity sector.	2,000,000		2,000,000
4	Cost of Generators partition (divider) and its supplements for distributing network.		3,433,930	3,433,930
5	Cost for required materials to Maintenance repairing for the 33 kv / 11 network.		143,077	143,077
6	Cost of re-repairing and maintaining the «Low Pressure Network .»		1,296,460	1,296,460
General Total		12,078,468	4,873,467	16,951,935

Transportation Sector

The total estimated cost for the size of damages that affected «Transport Sector» because of war was [\$ 241.740.333] and it represents the percentage of (19.95 %) out of the total amount for the estimated damages of the sectors.

241,740,333 \$

Total of the Estimated Cost for the size of the damages that affected the Transportation Sector. (first stage).

Summing up Summary for Total & Estimated Cost for Projects of Transportation Sector, affected and damaged by the war -Taiz Province ,2018 (first stage).

No	Project / Program Name	Estimated Cost for Re-construction (\$)	Total Cost (\$)
1	Planned Project of Traffic Management, improvements and constructing bus stops / stations . (first stage)Projects of short term programs (second stage)	6,007,000	6,007,000
2	On the whole city (on the level of) city & governorate and establishing a building for the office.	67,400,000	67,400,000
3	Project of land ownerships (landlords) for bus stops / stations.	35,000,000	35,000,000
4	Rehabilitating "Almakha Port".	100,000,000	100,000,000
5	Rehabilitating and Operating Taiz Airport.	33,333,333	33,333,333
General Total		241,740,333	241,740,333

Tourism Sector

The required estimated cost for improving the infrastructure for « Tourism Sector» was [\$ 2.107.352], it is a cost of tourism projects in some of the governorate districts : (Almakha - Khadeer - Salah).

2,107,352 \$

Total of the Estimated Cost for the size of the damages that affected the Tourism Sector. (first stage).



Summing up Summary for Total & Estimated Cost for Projects of Tourism Sector, affected and damaged by the war - Taiz Province ,2018 (first stage).

No	Project / Program Name	Estimated Cost for Re-construction (\$)	Total Cost (\$)
1	Tourism Office Building & Tourist Training Center, Salah District.	274,019	274,019
2	Wadi Almolk Resort - Almakha.	833,333	833,333
3	Touist Resort - Alsakea (frost) Dam- Khadeer.	1,000,000	1,000,000
General Total		2,107,352	2,107,352

Youths Sector

The total estimated cost for the size of damages that affected «Youths Sector» because of war was [\$ 1,599,331] and it represents the percentage of (0.17 %) out of the total amount for the estimated damages of the sectors.



1,599,331 \$

Total of the Estimated Cost for the size of the damages that affected the Youths Sector. (first stage).



Summing up Summary for Total & Estimated Cost for Projects of Youths & Sport Sector, affected and damaged by the war - Taiz Province ,2018 (first stage).

No	Project / Program Name	Estimated Cost for Re-construction (\$)	Estimated Cost for Restarting-service (\$)	Total Cost (\$)
1	Repairing & Rehabilitating Buildings and Playground of Alshohadaa Stadium.	333,333		333,333
2	Repairing & Rehabilitating « The Closed Sporting Hall» & Buildings and Institutions of Alsakr Sport & Cultural Club.	333,333		333,333
3	The Closed Sporting Hall.	213,333		213,333
4	Fencing and Building Terraces, & Gate for Alshorok Sport & Cultural Club.	320,666		320,666
5	Fencing and Building a gate for Altaleah Sport & Cultural Club.	138,666		138,666
6	The Closed Sporting Hall for Alahli Sport & Cultural Club.	260,000		260,000
General Total		1,599,331		1,599,331

Summing up Summary for Total & Estimated Cost for all the affected Projects and damaged by the war -Taiz Province ,2018 (first stage).

No	Project / Program Name ρ		Estimated Cost for Re-construction (\$)	Estimated Cost for Restarting-service (\$)	Total Cost (\$)	Percentage Importance %
01	Education Sector	Education	27,305,451	37,175,996	64,481,447	5.32
		Vocational Education & Professional Training	12,180,501	1,366,667	13,547,168	1.12
		Taiz University	1,974,102	517,931	2,492,033	0.21
Total of Education Sector			41,460,054	39,060,594	80,520,648	6.64
02	Health & Population		2,548,237	5,868,191	8,416,428	0.69
03	Housing Sector	Roads Projects	527,359,000	0	527,359,000	43.52
		Governmental (Public) Buildings	2,731,381	0	2,731,381	0.23
		Mosques	780,299	0	780,299	0.06
		Special Buildings	24,157,240	0	24,157,240	1.99
Total of Housing Sector			555,027,920	0	555,027,920	45.80
04	Water		272,377,173	9,578,093	281,955,266	23.27
05	Telecommunications		22,409,447	1,141,441	23,550,888	1.94
06	Power (Energy)		12,078,468	4,873,467	16,951,935	1.40
07	Transportation (Transport)		241,740,333	0	241,740,333	19.95
08	Tourism		2,107,352	0	2,107,352	0.17
09	Youths & Sport		1,599,331	0	1,599,331	0.13
General Total for the Estimated Cost on the level of the sectors, (for all sectors).			1,151,348,315	60,521,786	1,211,870,101	



The total of the estimated cost for recovering requirements & reconstruction for some of the damaged sectors by war (Taiz Province), (first stage) is [\$ 1.211.870,101].

Governor of Governorate
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