

A Suggested Model to Re-build swimming pools using B.O.O.T

***Dr/ Samah Mohamed Amin Halawa**

Keywords: B.O.O.T stands for the words: Build, Own, Operate and Transfer.

Research Introduction & Problem:

B.O.O.T system is a kind of privatization suits the nature of the developing countries economically and socially. This system finances and operates one of the basic infrastructure projects through credit facilitations not the project's capital. Then, the loan and the project expenses are repaid from the revenue. The ownership of the project returns to the government at the end of the agreed operation period. Thus, B.O.O.T means the following words: (Build, Own, Operate and Transfer). (29, 28: 3).

During the researcher work in the fields of administration, education, sport and teaching, she found that, despite the existence of

swimming pools in sport clubs and youth centers, they are not legal and don't get any maintenance or attention; some of them are neglected and unused, and don't get any attention concerning rebuilding in order to cope with the advanced technological systems that keep pace with the international standards of swimming pools.

If finance was one of the obstacles that face directors and hinder the execution; then, it is necessary to find other ways of investment, through some modern economical techniques, such as B.O.O.T system which results in reducing the burden on the state; through authorizing one of the local or foreign

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investment companies to build and operate these pools for a certain period known as franchise period, after which the ownership is transferred back to the state or the athletic authority. These days are considered of the most difficult times for the state and the athletic authorities and they are in desperate need to activate the B.O.O.T system because most of the swimming pools in sport clubs suffer from deterioration and the athletic authorities suffer from economical crises after the state cutoff the subsidies and left them to the private sector.

Therefore, applying B.O.O.T system in the athletic field is the best and most appropriate way to develop swimming pools in particular and institutions in general and to achieve the athletic development.

Research Aims:

This research aims to make a suggested model to

rebuild swimming pools using B.O.O.T system through recognizing the following:

1- The importance of B.O.O.T system projects in order to invest in swimming pools.

2- The problems related to applying B.O.O.T system in swimming pools.

3- The revenue from investment using B.O.O.T system in swimming pools.

First: Research Method:

The researcher used the descriptive "survey" method as it suits the nature of this study.

Second: Research Sample:

- Research Sample was chosen from members of administration boards in clubs:

Table (1) shows the total number of administration boards in clubs; (36) members, (7) of them are excluded, (7) members are selected for the pilot study, and (22) members for the basic study.

Table (1)

The study society of administration boards in clubs

No.	Research	Basic	Pilot	Excluded	Total
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	sample Place	sample	sample	members	no.
1	Al-Nogom Club	6	2	1	9
2	Al-Salam Club	5	2	2	9
3	Al-Sadat Youth Center	6	1	2	9
4	Engineers Syndicate	5	2	2	9
Total		22	7	7	36

Research Sample was chosen from businessmen and investors:

Table (2)

Description of study society of investors

No.	Study Sample	Pilot Sample	Basic Sample	Total
1	Members of Investors' Association in Al-Sadat city	15	30	45

Table (2) shows that the total number of investors' Association in Al-Sadat city is (45), (15) of them were chosen for the pilot study and (30) for the basic study.

Third: Tools of Data Gathering:

In light of research aims and through surveying references, the researcher reviewed many scientific references & researches and previous studies that addressed administration fields, athletic administration, and investment in the athletic field. She

designed two questionnaire forms to study "a suggested model to rebuild swimming pools using B.O.O.T system"; one of them "for members of clubs' administration boards and the other for investors". The researcher followed the steps of building a questionnaire according to scientific research rules as follows:

The researcher defined the axes reached as follows:

- The axis of "the importance of B.O.O.T system projects that invest in swimming pools".

- The axis of “the problems related to applying B.O.O.T system in swimming pools”.

- The axis of “the revenue from investing in B.O.O.T system in swimming pools”.

Fourth: exploring experts' opinion:

The researcher put the suggested phrases in two questionnaire forms then displayed them on (5) experts in the athletic administration, the total number of questionnaire phrases of “members of administration boards in clubs” became (40) phrases. Also, the total number of questionnaire phrases of “investors” became (29) phrases.

Method of Questionnaire evaluation:

The experts agreed that the evaluation scale of questionnaire degrees will be tripartite.

Sixth: Questionnaire's Scientific Interactions:

(A) The Judgments' validity (the logical validity):

The researcher used the judgments' validity (logical validity), as she displayed the two questionnaires: “members of clubs' administration boards” and “investors”.

(B) Validity of Internal Consistency:

The researcher calculated the two studied questionnaires through using the internal consistency validity; as the researcher calculated the value of correlation interactions between the degree of each phrase separately and the total degree of this axis on the pilot sample of the study.

Reliability:

The research found the reliability coefficient of the questionnaire's axes of “members of clubs' administration boards”; they were (3) axes and had (40) phrases. She found also the questionnaire axes of “investors”; they were (3) axes and had (29) phrases using two methods which are: the responses of pilot study samples were divided on both questionnaires using the equation of Spearman & Brown to find the correlation coefficient between even and odd phrases and also to find the reliability using Cronbach's alpha coefficient.

(a) The reliability using Cronbach's alpha coefficient of the questionnaire of “members of clubs' administration boards”:

The value of Cronbach alpha coefficient of the (40) questionnaire phrases of “members of clubs’ administration boards” was (0.9929), and was between (0.9764 and 0.9818); which is the least value of this coefficient and indicates its reliability.

(b) The reliability using Cronbach’s alpha coefficient

of the questionnaire of “investors”:

(c) The value of Cronbach alpha coefficient of the (29) questionnaire phrases of “investors” was (0.9651), and all the phrases were significant as the value of Cronbach alpha coefficient was between (0.8880 and 0.9175); which is the least value of this coefficient and indicates its reliability.

Display and Discussion of Results:

Table (1)

The repetition, percentage, Ca2 value and order of response phrases of research sample of “members of clubs’ administration boards” of axis’ phrases “the importance of B.O.O.T system projects to invest in swimming pools” N=22

No.	Phrases	Yes		No		To some extent		Estimated Total	Relative weight	Ca2	Order
		repetition	%	repetition	%	repetition	%				
1	Finance is the corner stone of B.O.O.T system projects to invest in swimming pools	22	100.0	0	0.0	0	0.0	66	100.0	*44.0	1
2	The company that executes B.O.O.T system is responsible for financing and designing the athletic project in the period agreed upon.	18	81.82	3	13.64	1	4.55	59	89.39	*23.55	13
3	The applied projects using B.O.O.T system returns to the owner authority after finishing the contract.	22	100.0	0	0.0	0	0.0	66	100.0	*44.0	13

Follow Table (1)

The repetition, percentage, Ca2 value and order of response phrases of research sample of “members of clubs’ administration boards” of axis’ phrases “the importance of B.O.O.T system projects to invest in swimming pools” N=22

No.	Phrases	Yes		No		To some extent		Estimated Total	Relative weight	Ca2	Order
		repetition	%	repetition	%	repetition	%				
4	The private sector bears the budgets of these projects and consequently, reduces the financial burdens on the authority.	22	100.0	0	0.0	0	0.0	66	100.0	*44.0	1
5	The athletic investment projects need modern technology which some authorities cannot afford in the meantime.	19	86.36	0	0.0	3	13.64	63	95.45	*28.45	11
6	The private sector bears the risks; consequently, this reduces the authority's budget deficit to meet these needs.	22	100.0	0	0.0	0	0.0	66	100.0	*44.0	1
7	This system attracts private capitals to invest in swimming pools.	17	77.27	2	9.09	3	13.64	59	89.39	*19.18	13
8	B.O.O.T system is one of the modern financial techniques that pace with the modern leap in the fields of construction and hero making.	17	77.27	3	13.64	2	9.09	58	87.88	*19.18	15
9	B.O.O.T system is one form of financing investment projects in swimming pools.	22	100.0	0	0.0	0	0.0	66	100.0	*44.0	1

Follow Table (1)

The repetition, percentage, Ca2 value and order of response phrases of research sample of “members of clubs’ administration boards” of axis’ phrases “the importance of B.O.O.T system projects to invest in swimming pools” N=22

No.	Phrases	Yes		No		To some extent		Estimated Total	Relative weight	Ca2	Order
		repetition	%	repetition	%	repetition	%				
1	To overcome the governmental delays of investment projects.	22	100.0	0	0.0	0	0.0	66	100.0	*44.0	1
1	To make use of the private sector's experience in building and managing basic infrastructure projects before transferring them to the authority.	16	72.73	6	27.27	0	0.0	54	81.82	*17.82	16
1	The swimming pool budget does not allow developing its outbuildings.	22	100.0	0	0.0	0	0.0	66	100.0	*44.0	1
1	The swimming pool budget is not enough to buy tools and equipments.	20	90.91	0	0.0	2	9.09	64	96.97	*33.09	10
1	The financial resources of the building are not enough to build new establishments such as “water ball pool, diving, Olympic pool....”	22	100.0	0	0.0	0	0.0	66	100.0	*44.0	1
1	The ability of marketing the swimming pool	22	100.0	0	0.0	0	0.0	66	100.0	*44.0	1
1	Helping the state to pace with the athletic progress to face the increase of players and practitioners.0.0	3	13.64	0	0.0	19	86.36	47	71.21	*28.45	17
1	The success of the preliminary stage of using B.O.O.T system depends on preparing the bids documents then estimating these bids and selecting the executive company	17	77.27	0	0.0	5	22.73	61	92.42	*20.82	12

The table value of Ca2 at morale level of (0.05) and free degree (2) = (5.991)

The study performed by the researcher confirmed that phrase no. (1 and 10) occupy the first place and the percentage of agreement using yes was 100% which indicates that members of administration boards agree that the B.O.O.T system will overcome the governmental delays in the investment projects. Ezzat

Moulok Kenawy (2004) (4) and Mohamed Refaat Shash (2001) (5) approve that and see that the advantages the applying B.O.O.T system will lighten the state burden of delays caused by the budget deficit which represents the corner stone in benefiting from investing in swimming pools.

Table (2)

The repetition, percentage, Ca2 value and order of response phrases of research sample of “members of clubs’ administration boards” of axis’ phrases “the problems relatedto applying B.O.O.T system in swimming pools” N= 22

No.	phrases	Yes		No		To some extent		Estimated Total	Relative weight	Ca2	Order
		repetition	%	repetition	%	repetition	%				
1	The insufficient cultural awareness of some athletic officials in the athletic investing of swimming pools using B.O.O.T in general										
2	The negligence of athletic investment of swimming pools in the printed, audible and seen mass media which hinders applying it in the athletic authorities.	8	36.36	0	0.0	14	63.64	52	78.79	*13.45	10
3	The fair of some investors from the people’s rejection of the presented service.	22	100.0	0	0.0	0	0.0	66	100.0	*44.0	1
4	The diverse sources to get the approvals and issuing licenses for such projects.	20	90.91	2	9.09	0	0.0	62	93.94	*33.09	6

Follow Table (2)
The repetition, percentage, Ca2 value and order of response
phrases of research sample of “members of clubs’ administration
boards” of axis’ phrases “the problems relatedto applying
B.O.O.T system in swimming pools” N= 22

No.	phrases	Yes		No		To some extent		Estimated Total	Relative weight	Ca2	Order
		repetition	%	repetition	%	repetition	%				
5	The governmental interferences in the athletic authorities' affairs cause many complications in executing this system.	22	100.0	0	0.0	0	0.0	66	100.0	*44.0	1
6	The slow release of legislations and laws of the authorities of youth and sport to achieve the free investment in swimming pools.	22	100.0	0	0.0	0	0.0	66	100.0	*44.0	1
7	The continuous change of the administrative boards of athletic authorities according to the elections regulations caused cancellation of contracts signed by the former authority administrative board of some projects applying B.O.O.T system.	14	63.64	2	9.09	6	27.27	56	84.85	*10.18	9
8	The administration's refusal to approve the execution of some projects using B.O.O.T system in some athletic clubs due to the authorities' law of youth and sport which are part of the social authorities that are non-profit therefore the administration refused.	22	100.0	0	0.0	0	0.0	66	100.0	*44.0	1

Follow Table (2)
The repetition, percentage, Ca2 value and order of response
phrases of research sample of “members of clubs’ administration
boards” of axis’ phrases “the problems relatedto applying
B.O.O.T system in swimming pools” N= 22

No.	phrases	Yes		No		To some extent		Estimated Total	Relative weight	Ca2	Order
		repetition	%	repetition	%	repetition	%				
9	To announce the projects using the public tender system and not the direct bid.	20	90.91	2	9.09	0	0.0	62	93.94	*33.09	6
10	The establishment has the right to obtain periodical reports about the performance level of the project which may contradict with the investor's desire.	20	90.91	0	0.0	2	9.09	64	96.97	*33.09	5
11	The lack of a clear legal method in case of disputes between the investor and the authority.	20	90.91	2	9.09	0	0.0	62	93.94	*33.09	6

The table value of Ca2 at morale level of (0.05) and free degree (2) = (5.991)

The study performed by the researcher confirmed that a percentage of 68.18% of administration boards members assure that there is a lack of sufficient cultural awareness of some athletic officials regarding athletic investment of swimming pools using B.O.O.T system in general. Agrees with this the study of Ashraf Elogeily (1999) (1), that there is no public awareness of the importance of athletic investment in Egypt,

and a lack of legislations concerned with the athletic field including investment domains. 63.63% of the members see that the negligence of athletic investment culture in printed, audio and seen media hinders its execution, this is confirmed in the study of (Mohamed Refaat Salem) (2009) (6) which considers the slow release of legislations and laws of Youth and Sport Authorities is one of the main problems

that obstacles the application of B.O.O.T system. The study assured that by 100%, this also agrees with the study of (Yehia Mubarak Faleh) (2010) (8) as he referred to the fact that the

state does not encourage investors to invest in the athletic clubs because of bureaucratic interaction which results in the investors' evasion of investing in clubs.

Table (3)

The repetition, percentage, Ca2 value and order of response phrases of research sample of "members of clubs' administration boards" of axis' phrases "the revenue from investing in B.O.O.T system in swimming pools" N= 22

No.	phrases	Yes		No		To some extent		Estimated Total	Relative weight	Ca2	Order
		repetition	%	repetition	%	repetition	%				
1	The B.O.O.T system works to rationalize the best use of financial resources of swimming pools.	22	100.0	0	0.0	0	0.0	66	100.0	*44.0	1
2	The administrative re-structure resulting from applying B.O.O.T system increases the financial resources.	22	100.0	0	0.0	0	0.0	66	100.0	*44.0	1
3	B.O.O.T system creates a competitive climate between the club and the athletic authorities to improve the quality of the service presented to people.	22	100.0	0	0.0	0	0.0	66	100.0	*44.0	1
4	Applying B.O.O.T system helps in achieving the cultural and ideological aims of swimming pool.	14	63.64	0	0.0	8	36.36	58	87.88	*13.45	12
5	Applying B.O.O.T system result in improving the infrastructure of swimming pool.	22	100.0	0	0.0	0	0.0	66	100.0	*44.0	1
6	B.O.O.T system contribute in expanding the establishment and the best use of the athletic facilities of swimming pool	22	100.0	0	0.0	0	0.0	66	100.0	*44.0	1

Follow Table (3)

The repetition, percentage, Ca2 value and order of response phrases of research sample of “members of clubs’ administration boards” of axis’ phrases “the revenue from investing in B.O.O.T system in swimming pools” N= 22

No.	phrases	Yes		No		To some extent		Estimated Total	Relative weight	Ca2	Order
		repetition	%	repetition	%	repetition	%				
7	B.O.O.T system increases the internal sources of swimming pool which achieves a financial balance in revenues and expenses and reduces the financial subsidiaries from the administration.	18	81.82	2	9.09	2	9.09	60	90.91	*23.27	11
8	The investor has the right to enjoy all the guarantees, facilitations and incentives stated in the investment laws regulating the economical activity.	22	100.0	0	0.0	0	0.0	66	100.0	*44.0	1
9	To determine a period during the week to low-income members to guarantee the benefit of the local community of this system.	22	100.0	0	0.0	0	0.0	66	100.0	*44.0	1
10	Using B.O.O.T system helps to attract investments to execute the swimming pools according to the highest level.	22	100.0	0	0.0	0	0.0	66	100.0	*44.0	1
11	B.O.O.T system improves the workers’ performance and increases their efficiency through financial incentives.	20	90.91	0	0.0	2	9.09	64	96.97	*33.09	10
12	B.O.O.T system applies modern technology and focuses on profit.	22	100.0	0	0.0	0	0.0	66	100.0	*44.0	1

The table value of Ca2 at morale level of (0.05) and free degree (2) = (5.991)

From what in mentioned previously we find that the percentage of agreement was very high in the axis of revenue from investing using B.O.O.T system in swimming pools. This strengthens the members' faith in the project. We also find that 14% of administration boards members assure that B.O.O.T system helps in achieving the intellectual and athletic aims of swimming pools. While 8% when interviewed by the researcher saw that we should make use of the swimming pools outbuilding and not necessarily

to be used for athletic purposes. The study confirms that 81% of the members see that the B.O.O.T system increases the internal resources of swimming pools which achieves a financial balance in revenues and expenses and reduces the financial subsidies on the administration. This agrees with the study of (Maha Abdel Hameed Eskander) (2011) (7), that applying the B.O.O.T system reduces the burden on the state budget and increases the percentage of annual incomes.

Table (4)

The repetition, percentage, Ca2 value and order of response phrases of research sample of "investors" of axis' phrases "the importance of B.O.O.T system projects in investing in swimming pools" N= 30

No.	phrases	Yes		No		To some extent		Estimated Total	Relative weight	Ca2	Order
		repetition	%	repetition	%	repetition	%				
1	The company applying B.O.O.T system is responsible for financing and designing the athletic project in the agreed period.	30	100.0	0	0.0	0	0.0	90	100.0	*60.0	1
2	The projected executed using B.O.O.T system return to the owner authority after finishing the contract.	22	73.33	0	0.0	8	26.67	82	91.11	*24.80	11

Follow Table (4)

The repetition, percentage, Ca2 value and order of response phrases of research sample of “investors” of axis’ phrases “the importance of B.O.O.T system projects in investing in swimming pools” N= 30

No.	phrases	Yes		No		To some extent		Estimated Total	Relative weight	Ca2	Order
		repetition	%	repetition	%	repetition	%				
3	The B.O.O.T system achieves athletic growth especially in the developing countries.	30	100.0	0	0.0	0	0.0	90	100.0	*60.0	1
4	The private sector bears the risks; consequently, reduces the deficit of the athletic authority to meet the needs in the athletic investment.	30	100.0	0	0.0	0	0.0	90	100.0	*60.0	1
5	This system is considered a source of attraction of private capital to invest in swimming pools.	30	100.0	0	0.0	0	0.0	90	100.0	*60.0	1
6	B.O.O.T system is one of the modern financing techniques to cope with the modern leap in the fields of construction and hero making.	30	100.0	0	0.0	0	0.0	90	100.0	*60.0	1
7	B.O.O.T system is one of the forms of financing investment projects in swimming pools.	30	100.0	0	0.0	0	0.0	90	100.0	*60.0	1
8	Capital development through investing in swimming pools.	30	100.0	0	0.0	0	0.0	90	100.0	*60.0	1

Follow Table (4)

The repetition, percentage, Ca2 value and order of response phrases of research sample of “investors” of axis’ phrases “the importance of B.O.O.T system projects in investing in swimming pools” N= 30

No.	phrases	Yes		No		To some extent		Estimated Total	Relative weight	Ca2	Order
		repetition	%	repetition	%	repetition	%				
9	The make use of the private sector's experience in establishing infrastructure projects and operating them before transferring them to the authority.	30	100.0	0	0.0	0	0.0	90	100.0	*60.0	1
10	The possibility of marketing swimming pools.	24	80.0	0	0.0	6	20	84	93.33	*31.20	10
11	Helping the state to pace with the athletic progress to face the increase in players and practitioners.	15	50.0	9	30.0	6	20.0	66	73.33	4.20	12
12	Activating the role of money markets through investing in swimming pools.	30	100.0	0	0.0	0	0.0	90	100.0	*60.0	1

The table value of Ca2 at morale level of (0.05) and free degree (2) = (5.991)

The study proved that 73.33% of investors agree that the projects applied using B.O.O.T system return to the owner authority after finishing the contract, this agrees with (statistical 2002) (10) in making construction, operating and returning the ownership.

This also agrees with the opinion of administration boards members; as the approval percentage on this phrase was 100%, and these two opinions agree with the study results of (Alia Abdel Moneim and Hassan Ahmed Shafei (2009) (3) that it is

necessary to follow the regulations put by both ministries of finance and industry regarding constructing and operating projects also that the contract must include to turn over the project at the end of the contract period in good

condition along with all the drawings of the project.

Displaying the results of the sample responses of “investors” concerning the axis phrases “problems associated with applying B.O.O.T system in swimming pools”.

Table (5)

The repetition, percentage, Ca2 value and order of response phrases of research sample of “investors” of axis’ phrases “problems associated with applying B.O.O.T system in swimming pools” N= 30

No.	phrases	Yes		No		To some extent		Estimated Total	Relative weight	Ca2	Order
		repetition	%	repetition	%	repetition	%				
1	The insufficient cultural awareness of some athletic officials in the athletic investing of swimming pools using B.O.O.T in general	30	100.0	0	0.0	0	0.0	90	100.0	*60.0	1
2	The negligence of athletic investment of swimming pools in the printed, audible and seen mass media which hinders applying it in the athletic authorities.	15	50.0	0	0.0	15	50.0	75	83.33	*15.0	8
3	The fair of some investors from the people's rejection of the presented service.	0	0.0	20	66.67	10	33.33	40	44.44	*20.0	11
4	The diverse sources to get the approvals and issuing licenses for such projects.	30	100.0	0	0.0	0	0.0	90	100.0	*60.0	1

Follow Table (5)
The repetition, percentage, Ca2 value and order of response
phrases of research sample of “investors” of axis’ phrases
“problems associated with applying B.O.O.T system in swimming
pools” N= 30

No.	phrases	Yes		No		To some extent		Estimated Total	Relative weight	Ca2	Order
		repetition	%	repetition	%	repetition	%				
5	The governmental interferences in the athletic authorities' affairs cause many complications in executing this system.	30	100.0	0	0.0	0	0.0	90	100.0	*60.0	1
6	The slow release of legislations and laws of the authorities of youth and sport to achieve the free investment in swimming pools.	30	100.0	0	0.0	0	0.0	90	100.0	*60.0	1
7	The continuous change of the administrative boards of athletic authorities according to the elections regulations caused cancelation of contracts signed by the former authority administrative board of some projects applying B.O.O.T system.	15	50.0	0	0.0	15	50.0	75	83.33	*15.0	8
8	The administration's refusal to approve the execution of some projects using B.O.O.T system in some athletic clubs due to the authorities' law of youth and sport which are part of the social authorities that are non-profit therefore the administration refused.	18	60.0	0	0.0	12	40.0	78	86.67	*16.80	7

Follow Table (5)
The repetition, percentage, Ca2 value and order of response
phrases of research sample of “investors” of axis’ phrases
“problems associated with applying B.O.O.T system in swimming
pools” N= 30

No.	phrases	Yes		No		To some extent		Estimated Total	Relative weight	Ca2	Order
		repetition	%	repetition	%	repetition	%				
9	To announce the projects using the public tender system and not the direct bid.	30	100.0	0	0.0	0	0.0	90	100.0	*60.0	1
10	The establishment has the right to obtain periodical reports about the performance level of the project which may contradict with the investor's desire.	11	36.67	10	33.33	9	30.0	61	67.78	0.20	10
11	The lack of a clear legal method in case of disputes between the investor and the authority.	30	100.0	0	0.0	0	0.0	90	100.0	*60.0	1

The table value of Ca2 at morale level of (0.05) and free degree (2) = (5.991)

The study proved that 100% of investors agree that there is a lack of the sufficient cultural awareness of some athletic officials regarding the athletic investment in swimming pools using B.O.O.T system. This agrees with the study results of (Ashraf Mahmoud Elegeily, 1999) (1) and (Maha Abdel Hameed Eskander, 2011) (7).

We also find that 66.67% of investors are not afraid of the people's acceptance of this offered service which disagrees with the opinion of administration boards members that 100% of them are afraid of the people's lack of acceptance which indicates the investors' confidence in the project's results and revenue.

Table (6)
The repetition, percentage, Ca2 value and order of response
phrases of research sample of “investors” of axis’ phrases “revenue of
investing using B.O.O.T system in swimming pools” N= 30

No.	phrases	Yes		No		To some extent		Estimated Total	Relative weight	Ca2	Order
		repetition	%	repetition	%	repetition	%				
1	The B.O.O.T system works to rationalize the best use of financial resources of swimming pools.	30	100.0	0	0.0	0	0.0	90	100.0	*60.0	1
2	The administrative re-structure resulting from applying B.O.O.T system increases the financial resources.	30	100.0	0	0.0	0	0.0	90	100.0	*60.0	1
3	B.O.T system applies modern technology and focuses on profit.	28	93.33	0	0.0	2	6.67	88	97.78	*48.80	5
4	To determine a period during the week to low-income members to guarantee the benefit of the local community of this system.	9	30.	10	33.33	11	36.67	59	56.56	0.20	6
5	Signing agreements with the media establishments to make a propaganda for the swimming pool if possible to guarantee profiting from swimming pools.	30	100.0	0	0.0	0	0.0	90	100.0	*60.0	1
6	The investor has the right to enjoy all the guarantees, facilitations and incentives stated in the investment laws regulating the economical activity.	30	100.0	0	0.0	0	0.0	90	100.0	*60.0	1

The table value of Ca2 at morale level of (0.05) and free degree (2) = (5.991)

The study confirms that 93.33% of investors focus on the gains which assures that following phrase that only 30% of investors agree to designate a period of time during the week to low-income people to guarantee that all the local society will benefit from this system, also the similar percentages of agreement and disagreement indicate the different aims of investors. So, the researcher sees that applying this system has negative and positive effects and in order to guarantee the benefit from it; conditions and laws must be applied in order to guarantee the mutual benefit of both parties and to achieve the profit and athletic aims and to serve the local community. This was confirmed by (Nieslsen 1997) (9) who assured that the agreement must be done according to agreed conditions and specifications from both the executive company of the project and the owner. The study confirms 100% that from what is mentioned previously, the investor enjoys all the

guarantees, facilitations and incentives stated in investment laws and agrees with the study results of (Tamer Shabaan Abdel BaqiEmara 2006) (2) that several administrative contracts and agreements must be signed when executing the two B.O.O and B.O.O.T systems in athletic clubs.

Conclusions:

First: in light of the importance of B.O.O.T projects to invest in swimming pools:

- 1- There is no pre-prepared investment plan on behalf of the state that shows its needs of basic infrastructure projects.
- 2- The administration of the club should make a pre-feasibility study when using B.O.O.T system.
- 3- The projects applied using B.O.O.T system must be transferred to the owner authority after finishing the contract.

Second: in light of the problems associated with applying B.O.O.T system:

- 1- The negligence of printed, audible and seen mass

media of the athletic investment culture.

2- The investors avoid investing in clubs due to the bureaucratic treatment.

3- The continuous change in clubs' administration boards helps to make encouraging regulations to invest in clubs.

4- The investors are not afraid of the people's acceptance of the offered service.

Third: in light of the revenue from the investment using B.O.O.T system in swimming pools:

1- This system helps to increase the internal resources of swimming pools which achieve a financial balance between the revenues and expenses.

Recommendation:

1- To make legislations in order to encourage businessmen to invest in the athletic field in general, and in swimming pools in particular.

2- The necessity to modify the authorities' laws of youth, sport and non-profit social authorities in order to execute investment projects.

3- The necessity that the National Council of Sport puts an investment plan for the athletic clubs and its needs.

4- The government must give licenses, agreements and facilitations to the investors.

5- To put laws and regulations that encourage investors and the owner authority of swimming pools.

6- To urge the printed, audible and seen mass media to address the importance of investing in the athletic field.

7- The investor should help the state to cope with the athletic progress in order to increase the number of players and practitioners.

(1) A suggested model to re-build swimming pools

Using B.O.O.T system

- The role of the state
- The role of the athletic authority

- The role of the investor
- The role of mass media

(2) The role of the state

- To remove obstacles that face investors.

- To review legislations and laws.

- No governmental intervention, only supervision and monitoring.

- To protect the rights of businessmen with athletic authority.

- The cooperation between the state and businessmen

- To create an athletic generation.

- To improve health and keep away from extremism.

- To reduce the financial burden on the state.

- Tax exemptions.

(3) The role of the athletic authority

- To have a vision of development for the next 20 years.

- To cope with the modern leap in the field of multipurpose constructions.

- To make the best use of space and reconstruction.

- To reduce the financial burden on the authority.

- To have a competitive vision with the popular clubs.

(4) The role of businessmen and investors

- To open new fields of investment in the athletic section.

- To reduce the financial burden on the state.

- To help in increasing the athletic awareness and to keep away from extremism.

- To create a new generation of youth enjoys health and fitness.

- To open new fields in order to employ more youth.

(5)

The role of mass media

- To shed the light on such kind of investment.

- To encourage businessmen to invest in the athletic field.

- To highlight the businessmen investing in this field in order to motivate other businessmen.

- To encourage directors of boards to execute this modern investment ideology.

- To shed the light on similar projects executed abroad and to highlight the revenue.

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