# The Investigation of relationship between the organizational citizenship behavior (OCB), TQM practice and organizational performance

Javad Mehrabi<sup>1\*</sup>, Masoumeh Sadat Abtahi<sup>2</sup>, Mohammad Dehbalaee<sup>3</sup>

<sup>1\*</sup>Department of Public Management, Qazvin Branch, Islamic Azad University, Qazvin, Iran.
 <sup>2</sup>Department of Humanities, Zanjan Branch, Islamic Azad University, Zanjan, Iran
 <sup>3</sup>Department of Public Management, Qazvin Branch, Islamic Azad University, Qazvin, Iran.
 <sup>\*</sup>Corresponding Author: m almasi2020@vahoo.com

Abstract: In today's competitive world, organizations are constantly seeking new ways to maximize the performance of their employees are working. Despite the increasing use of information technology, there are still gaps in the organization's performance. There are now firmly believed that the performance of their employees largely beyond the requirements defined roles depends. In recent years the development of new technologies and global economic growth will lead to increased competition and rapid changes in the nature of work organizations. As a result of these changes and prepare for future changes substantially increasing pressure on employees to take responsibility for career planning, training, salary and benefits will be logged. Also enterprises to compete on the global stage, satisfy the needs and expectations of customers and adapt to the changing nature of jobs, tend to choose employees who seek to go beyond their duty to act in the role specified in the job description. One reason is that successful organizations are that they have staff who are working beyond their official duties. Institutional research effort that is beyond the employee's duties are defined, as it "organizational citizenship behavior» (OCB) to learn. Employee's behaviors that go beyond the requirements for the organization's benefit and, as an inevitable necessity for the effective functioning of the organization is recognized that it can be interpreted as organizational citizenships behavior (Moghimi, 1390, 111). Ride this study the impact of organizational citizenship behavior on organizational learning quality management and organizational performance to evaluate. Thus, a conceptual model to evaluate the impact of these factors on the behavior of citizens in the municipality of Qods city questionnaire assessed and tested. The research method used in this research is descriptive and co relational - Structural equation modeling was. Finally, to improve the effectiveness factors citizenship behaviors, is proposed.

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**Key Words:** Total quality management, organizational citizenship behavior, organizational performance, quality, service, job satisfaction, organizational commitment

#### Introduction

Today's organizations are dynamic, ambiguous and changing activity One of the most striking features of the present age, and continuing changes in the social and cultural conditions (such as changes in attitudes, ideology, social values), political, economic, technological and their transnational occur. The successful organizations are difficult to achieve customer satisfaction and to provide additional value to them. The most important factor to achieve this goal, especially in service organizations, is the quality of service. One of the means to satisfy the need of service quality and customer loyalty is very important. In our country, according to client feedback, quality of customer services provided by the municipalities, there are many problems. Quality has two dimensions: the technical and functional. A tangible aspect of technical quality and overall service to the customer is what it refers to. Performance of the non-tangible aspects of the service and how the service is offered.

In particular, the performance of the employees of the service provider and the interaction between employees and customers during service delivery points. In municipalities, the majority of service providers that is associated with customer personnel. Municipal employees work at the client (customer) is connected. These activities are a critical factor in developing effective relationships with customers. The skills, attitudes and behaviors of employees in this field are important because ultimately the employees to provide quality service expected by the customer are responsible. The most important factors which can behaviors, attitudes and employee engagement in order to provide better quality service employs OCB is. The OCB types of behaviors that go beyond formal organizations are predefined behaviors that are not directly rewarded or are not recognized by formal structures, however, the functional and operational success are important to the organization. In this study, the relationship

between organizational performance and organizational citizenship behavior with regard to the role of the mediator will be Total Quality Management Dimensions of OCB When interest in the study of organizational citizenship behavior has always been a lack of consensus about the dimensions of literature exists. Padsakf study (2000) showed that almost 30 different types of organizational citizenship behavior have been identified [12].

□ Altruism and helping fellow employees to perform tasks in unusual circumstances.

 $\Box$  duty: to perform designated tasks in a manner far beyond what is expected (eg after office hours for the benefit of the work).

 $\Box$  Chivalry: emphasize the positive aspects rather than the negative aspects.

 $\Box$  Civic virtue: it is necessary to support the administrative operations.

 $\Box$  Propriety: Consult with others before proceeding to act, give notice before surgery, and to exchange information.

Given the dimensions listed on the characteristics of a good corporate citizen is? Robbins (2001) Characteristics of a good corporate citizen can be expressed as follows:

1. Constructive statements about the team and the organization;

2. Avoid unnecessary conflict;

3. To help team members;

4. Volunteering for cross-functional activities;

5. Respect for rules and regulations;

6. Withstand the harsh conditions imposed on business.

The organizations that are at the forefront of good citizenship behavior, work environment and the ability to attract and retain the best people are beautiful. In previous studies, researchers have identified several factors that were organized citizenship behavior.

Literature

1) In a study on the relationship between organizational citizenship behavior and service quality was conducted in 2003 by the Astvkv colleagues examined the following hypotheses.

• A positive relationship between employees' perceptions of their civil rights and their self-organization of behavior is obeyed.

• A positive relationship between employees' perceptions of their social rights and their self-reported behavior, organizational loyalty there.

• A positive relationship between employees' perceptions of their political rights and their self-reported behavior, organizational participation there.

• a positive relationship between organizational citizenship behavior shown by employees and the

value they deliver services in accordance with the standards and requirements of the services are there.

• a positive relationship between the amount of services provided in accordance with the standards and requirements of the customer and the customer's perception of service quality is there. The study among 535 employees of 49 restaurants in the U.S. and the services they will perform a correlation of 1, 4 and 5 confirmed the hypothesis. Hypotheses 2 and 3 were confirmed with less correlation.

2) In another study in 2003, the relationship between organization and quality services to citizens by Hee Yun and his behavior were investigated. During the first hypothesis, the researchers found a positive association between job satisfaction and trust with some aspects of OCB (altruism, fairness and citizenship behavior) and then use the SERVQUAL for measuring service quality indices, the quality of the relationship between citizenship behaviors showed. Services Company in the study were 95 and 567 customers were asked to assess the quality of services. At different stages of the research, based on a sample of 201 service employees in three different age ranges studied.

The main hypothesis of this study, that the "customer perception of service quality on positive aspects of altruism, fairness and citizenship behavior and organizational citizenship behavior is related to" certified grade.

3) Lamasiyo Raul and Pablo Cardona (2000) research on the relationship between leadership behaviors, organizational commitment and organizational citizenship behavior have been carried out using structural equation modeling. The results showed that the exchange theory of leader - member of all components has a significant and positive relationship with OCB.

3)Turlak and kook Studies (2007) A positive relationship between components of organizational citizenship behavior and improve service quality and increase confidence in the leadership of the organization.

4) In another study conducted in 2004 by his staff of interpersonal relationships on customer satisfaction were examined. In this study, it is important that we review the literature on the relationship between employee OCB effects were expressed. Many hypotheses were evaluated in this study refers to the most important results.

• High levels of customer satisfaction are associated with high levels of customer loyalty.

• High levels of customer satisfaction with high levels of intentions (intention) is associated with loyalty to the organization.

• The close relationship between high levels of customer perceived by customers and employees

with high levels of customer satisfaction in the relationship.

# Factors that influence the behavior of citizens in this study

#### Total Quality Management

Many organizations aim to achieve total quality, but it is still the problem of the meaning of quality and comprehensive nature, there is no universal agreement. Some people are meant to be a comprehensive quality "Statistical Process Control" or quality systems are applied. Some teamwork and employee participation in TQM to have meaning. However, there are different views about what is total quality. Another problem that cannot be measured in such a way that the Yapyshrift organization to determine how to achieve total quality. In recent years, many attempts have been made to find a standard or framework that organizations can use to evaluate themselves. Recognizing these challenges, the European Foundation of Quality Management EFQM created. The Foundation encourages and supports European companies toward an important role for the development of quality management in Europe. Excellence Model EFQM, as a basic framework for evaluation is introduced to improve the organization.

#### Total Quality Management:

Total Quality Management is the process of focusing on customers, quality-driven, based on facts, based on which teams to achieve strategic objectives through continuous improvement of processes, is led by a senior manager (residing, 1390,124). Operationally defined in this study to measure the overall quality of the indicators presented in Samson and Terziyuski models used are: leadership, people management, customer focus, planning, process management, data and analysis that (Jung and Hong, 2008).

## Organizational performance:

The performance of the duties of the job in a given time (Rezaeian, 1387, 217). Operationally defined in this study to measure organizational performance based on the indicators used in the

model Terziyuski Samson and include: customer satisfaction, employee ethics, the amount of waste, garnet and quality of service (Jung and Hong, 2008). *Conceptual framework and research model:* 

The main purpose of the research, the theoretical framework of this research is based on the research model and Hung Kan Jong (2008) that examined the impact of organizational citizenship

behavior on organizational performance have been located and Quality. The main variable (dependent) considered in this study is that organizational performance is the volatility that is explained by the variable of organizational citizenship behavior. Total Quality Management also acts as a mediator. Matter how OCB should strengthen the organization can be expected to increase the performance of the organization. The research model of the relationship between the variables in the theoretical framework established research model of the relationship between the variables in the theoretical framework established research is presented. (Jung and Hong, 2008). The research model of the relationship between the variables in the theoretical framework established research is presented.

#### Hypothesis:

In order to answer the primary and 12 secondary hypothesis of this study, three hypotheses are defined:

1. Total Quality Management is the impact of organizational citizenship behavior.

2 - Quality management and improvement of the relationship between leadership is significant.

3 - Total Quality Management in the relationship between organizational citizenship behavior and organizational performance acts as mediator.

## Method:

The present aim of the research is the application of methods of collecting and analyzing the data, this study is a descriptive survey research method is correlation analysis assumptions.

#### Population and sampling:

The research population included all Jerusalem municipal employees are that they are about 400 people and is selected using random sampling. Hypotheses to evaluate the relationship between the variables used in the questionnaire for data collection.

In this study, a simple random sampling was used and the statistics based on the total population, using Cochran formula (equation finite population sampling) to determine the optimal sample size is considered.

$$\begin{array}{c}
400 \square 1.96^{2}(0.5)(0.5) \\
n \square \\
(400)(0.05)^{2} \square (1.96)^{2}(0.5)(0.5)
\end{array}$$

196

## **Results:**

Changing situation in the municipality of Jerusalem OCB

Table 1: Results of one-sample t-tes	st variable OCB
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	One-Sample Statistics									
	N Mean Std. Deviation Std. Error Mean									
OCB	196	2	2.9809	.53484	.03820					
One-Sample Test										
	Test Value = 3									
				Mean	95% Confidence Interval of the Difference					
	t	df	Sig. (2-tailed)	Difference	Lower	Upper				
OCB	501	195	.617	01913	0945	.0562				

Table 2 summarizes the status of a full range of quality

One-Sample Statistics									
	N	Mean	Std. De	eviation	Std. Erro	or Mean			
TQM	196	2.8550		.73013		.05215			
	One-Sample Test								
	Test Value = 3								
				Mean	95% Confidence Interval of th Difference				
	t	df	Sig. (2-tailed)	Difference	Lower	Upper			
TQM	-2.780	195	.006	14498	2478	0421			

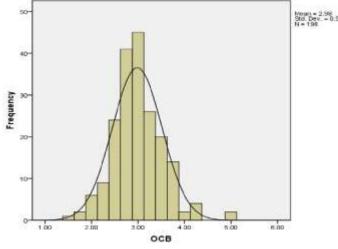
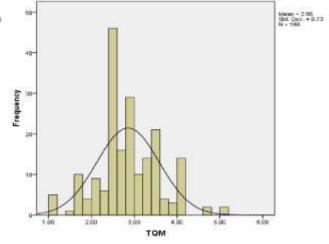


Figure (1) Variable histograms OCB

Jerusalem Municipality for the assessment of the single-sample t-test was used to OCB, the results of this analysis in tables and Figure (1) are obtained.

Test result output is included average) is. The significance level of the test is equal to 0.308. Therefore, since the significance level is greater than 0.05, therefore the null hypothesis is not rejected. The OCB variables are not significantly different from the number three.



Figure(2) histograms full range of quality

Due to the low negative and high positive variables can be inferred that OCB is equal to three. Previous interpretation of this result is also confirmed. The histograms of the outcome variable encoding.

## Assessment of total quality management in the municipality of Jerusalem variable

Qods city municipality to evaluate the quality of the single-sample t-tests were completed, the results of this analysis in tables and Figure (2) states.

Table (3) status variable organizational performance

	· · · · · · · · · · · · · · · · · · ·									
	Ν	Mean	Std. Deviation	Std. Error Mean						
PER	196	2.9327	.55834	.03988						

**One-Sample Statistics** 

One-Sample Test										
	Test Value = 3									
				Mean	95% Confidence Interval of the Difference					
	t	df	Sig. (2-tailed)	Difference	Lower	Upper				
PER	-1.689	195	.093	06735	1460	.0113				

Table 4. summarizes the study variables

Status	Status The m		
Appropriate	Equival ent3	OCB	
Inappropriate	Less than 3	Total quality manager	
Appropriate	Equival ent3	Organizational performance	

The first output of the test (Table descriptive statistics related to hypothesis testing) represents the difference between total quality management varies with the number 3 is out. The smaller the value of 0.05 indicates a significant difference to the quality of management varies significantly with the number 3 is the null hypothesis is rejected. The mean total quality management variable is smaller than the number 3. Negative lower limit and upper limit to the total quality management variables that are less than three digit. This is histograms of the outcome variable encoding.

#### Evaluation of organizational performance variables in the municipality of Qods city

Qods city municipality to evaluate organizational performance of the single-sample ttests were used to analyze the results in tables and Figure (3) is obtained. The first outputs of the test (Table descriptive statistics related to hypothesis testing) to organizational performance variables indicate the number 3 is negligible. Also significant in the second table, this is approximately equal to 0.05. (Significance level of 0.093 divided by 2 is obtained) represents a non-significant difference in organizational performance varies with the number 3 is out. The lower limit of negative and positive, indicating that high levels of organizational performance variables can be equal to three.

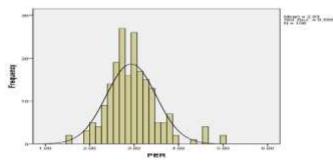


Figure (3): histograms state variable of organizational performance

The histograms of the outcome variable encoding. According to the calculations, the value of each variable, the variable is significant and the sign is determined by both the upper and lower limits. Table (4) shows a summary of the study variables. As can be seen in all variables are suitable.

Confirmatory factor analysis variables Before getting into the stage of hypothesis testing is necessary to measure the accuracy of the models organizational citizenship behavior, total quality management and organizational performance to make sure. We measure these variables in the models are given, respectively. This study used confirmatory factor analysis, path analysis, and the variables taken. The analysis by structural equation modeling using LISREL statistical software was Each of the models discussed in the main question is whether this model is suitable to measure?

To answer this question, other criteria must  $\chi^2$  statistic model to evaluate the suitability of the past. If this is the appropriate model with the following conditions should be optimized. X2 test, the less the better, because the test shows the difference between data and model. Test GFI and AGFI should be greater than 90 percent. The RMSR is better than test because this test is to measure the average difference between the observed data and the model data (Lowe, 1998). In this section, the results of the confirmatory factor analysis, LISREL software to each of the variables are presented separately for each variable. It should be noted that in order to reduce the variables and consider them as a latent variable, the time factor must be greater than 3/0 (the believer and active Qayyum, 1386). In confirmatory factor analysis, the researcher knows what the question is what's next. The conceptual model in confirmatory factor analysis for each of the concepts or variables there. In each of the models, the basic question is whether this model is suitable to measure? In other words, the research data are consistent with a conceptual model or not?

# confirmatory factor analysis of exogenous variables:

The only exogenous variable in this study is the OCB variable measurement model of Figure 4-8 shows the standard prediction mode. Estimation results (the lower figure) indicate the suitability of the model. According to the outlet end, the degrees of freedom equal to the value of 3 is appropriate. The low level of the index reflects the small difference between the observed data model research paper. The output of the RMSEA = 0.090, to show modeling. In addition, the RMSEA index is less, the model has a better fit. Therefore, the appropriate amount of RMSEA, are other indicators reflecting quality model (GFI, and AGFI) are not provided. As can be seen, the model fit indices suggest the model has a chisquare to degrees of freedom is smaller than 3, the pvalue of less than 05/0 and the RMSEA is smaller than 1. Test hypotheses by analyzing the The study also noted that in general, the research hypotheses are as follows. This is used for testing of structural equation modeling.

1. Total Quality Management is the impact of organizational citizenship behavior.

2 - Relationship between Total Quality Management and Performance Improvement Organization, which was statistically significant.

3 - Total Quality Management in the relationship between organizational citizenship behavior and organizational performance acts as mediator.

One of the strongest and most appropriate analysis methods in behavioral science research, the multivariate analysis. Because of the multivariate nature of these issues cannot be the way the two variables (each time only one independent variable with the dependent variable to be considered) can be solved. Hence, in this study to confirm or refute the hypothesis of structural equation modeling and path analysis has been used in particular. Path analysis (structural model) is a technique that relationships between variables (independent, dependent and mediated) show simultaneously. The purpose of the analysis, identifying causality (impact) between the variables in the conceptual model for research. In the structural model of the dimensions of organizational citizenship behavior and organizational performance is shown in Total Quality Management.

As in Figure 7 - are considered indices of model fit are in good condition. About the relationships between the components of the model results are summarized in Table 7 are:

OCB has a positive effect on the direct leadership of the Total Quality Management (0.89) and significant (11.43) are 1-1 this hypothesis is confirmed by research.

OCB has a positive effect on the direct staff management Total Quality Management (0.84) and significant (9.44) is 1-2 this hypothesis is confirmed by research.

OCB has a positive effect on the customer's direct and Total Quality Management (0.90) and significant (8.21) is 1-3 this hypothesis is confirmed by research. OCB direct and positive influence on the planning, Total Quality Management (0.89) and significant (4.47) is 1-4 this hypothesis is confirmed by research. OCB direct and positive influence on the process of Total Quality Management (0.95) and significant (13.60) are 1-5 this hypothesis is confirmed by research.

OCB has a positive effect on the overall quality of management information and analysis of direct (0.82) and significant (2.78) is 1-6 this hypothesis is confirmed by research.

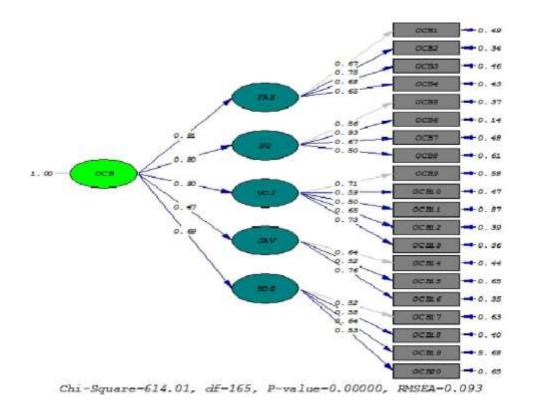


Figure 4- Estimated coefficients on the output end, the standard measure of organizational citizenship behavior

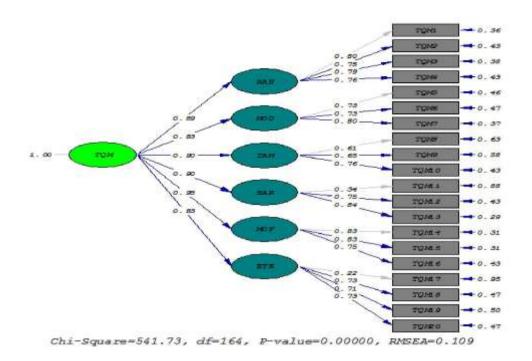


Figure 5 - Output LISREL coefficient estimate on total quality management standard measurement varies

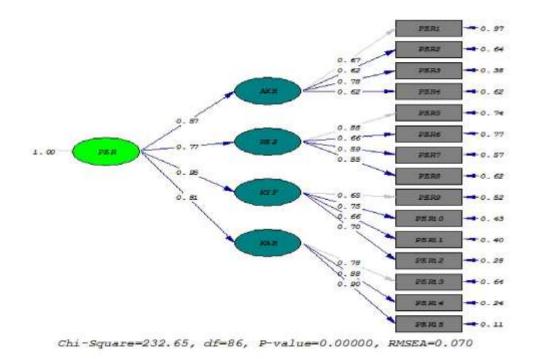


Figure 6 - Output LISREL estimated coefficients on the variables measuring organizational performance standard

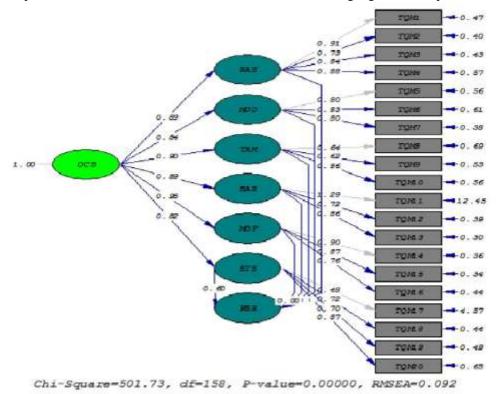


Figure 7 - Output LISREL structural model for research on state standardized estimates

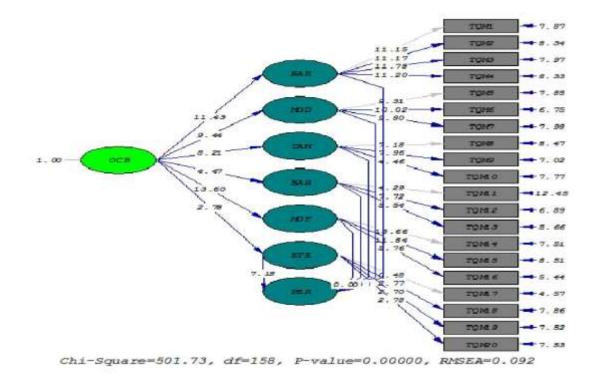


Figure 8 - Output LISREL structural model of research about significant case

t-Value	Standardized coefficient		Route	Hypothesis
11/43	0/89	Leadership	OCB	Hypothesis1-1
9/44	0/84	Staff Management	OCB	Hypothesis12-
8/21	0/90	Customer	OCB	Hypothesis1-3
4/47	0/89	Planning	OCB	Hypothesis1 4-
13/60	0/95	Process	OCB	Hypothesis15-
2/78	0/82	Information	OCB	Hypothesis1 6-
23/42	0/62	Organizational performance	Leadership	Hypothesis1-7
38/68	0/69	Organizational performance	Staff Management	Hypothesis22-
25/23	0/53	Organizational performance	Customer	Hypothesis23-
29/55	0/49	Organizational performance	Planning	Hypothesis24-
15/23	0/54	Organizational performance	Process	Hypothesis2 5-
23/11	0/63	Organizational performance	Information	Hypothesis26-

	Tab	ole 5	- ]	Results	of	hypot	heses 1	testing	based	on	path an	alysis	5.
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The sub-hypothesis (1-1) to (1-6) we can conclude that the impact of OCB on Total Quality Management is the first major study of this hypothesis is confirmed. Quality management leadership on organizational performance has a positive direct effect (0.62) and significant (23.42) are 2-1 this hypothesis is confirmed by research.

Management staff of the Quality Management function has a direct positive effect (0.69) and significant (23.68) are 2-2 this hypothesis is confirmed by research. Total Quality Management function after the client has direct effect (0.53) and significant (25.23) are 2-3 this hypothesis is confirmed by research. After a comprehensive quality management plan direct positive effect on organizational performance (0.49) and significant (29.55) are 2-4 this hypothesis is confirmed by research. After a comprehensive quality management process on the performance of direct positive effect (0.54) and significant (15.25) are 2-5 this hypothesis is confirmed by research. After a comprehensive quality management information and analysis on the performance of the direct effect (0.63) and significant (23.11) is therefore confirmed the research hypothesis is 2-6. The sub-hypothesis (2-1) to (2-6), it can be concluded that the significant relationship between Total Quality Management and Performance Improvement is the second main hypothesis of this research is verified.

OCB on TQM positive influence, direct and significant is the (main hypotheses: 1) Management Quality has a positive, direct and significant effect on organizational performance (the main hypothesis 2), we hypothesized mediator of TQM the relationship between organizational citizenship behavior and organizational performance has been confirmed. The third main research hypothesis is confirmed. Also test hypotheses using structural equation modeling, the first output software represents an appropriate structural model fit was to test the hypotheses that (about 2  $\chi$  with df below 3 is so much 2  $\chi$  appropriate value and low. Levels of p- value of less than 05/0 of the 092/0 = RMSEA also indicated the suitability of the structural model. i.e. the observed data to a large degree based on the conceptual model.

#### **Conclusions suggestions**

The populations of the assumptions that have been made include:

1.Proposals to strengthen organizational citizenship behavior

2. Staff tends to reinforce efforts to maintain the prestige and reputation of the organization through the provision of information to clients and the positive external environment.

3. Periodic meetings between managers and staff for creating harmony and understanding through open dialogue.

4. Strengthening of the material and spiritual needs of the staff and associates

5. Participation of employees in their organization and getting comments

6. Encourage employees to participate in corporate affairs

7. Strengthen work ethics among employees by encouraging self-control principles and organizational rules and regulations of the organization without the need to apply the supervisory control

8. Encourage employees to try and reduce errors and increase the quality of service in doing your job.

9. Promote feelings of sportsmanship by encouraging employees to focus on the positive aspects of the work environment and avoiding the larger issues of the organization's operating environment and complained too and its procedures.

10. Foster good will among employees by avoiding damaging to the interests of individual partners and consultation with partners in matters that may impact on other people's share.

## Suggestions to improve Quality Management

1 - Chief Executive Officer emphasized focus on continuous improvement of organizational performance

2 - Emphasis on the social responsibility of the Chief Executive Officer (the community)

3 - The organization offers support to senior managers and sponsors activities to improve the quality of

4 - Focus on empowering employees through employee training and enjoying their participation in the program.

5 - Through the process of institutional reform in accordance with the needs and demand their attention and communicate with them according to their needs and desires.

6 - Due to the continuous improvement of organizational performance in strategic planning.

7 - The inclusion of the principle of continuous improvement and operational plans of the organization's mission statement.

8 - Strengthening organizational performance through continuous improvement culture by rewarding employees with high performance, compliance with the principle of continual improvement in speech and actions of managers as a practical model.

9 - Predicts a systematic approach to collecting and analyzing information in order to continuously improve the quality and performance of their organizations. 10 - The use of statistical analysis and reporting related to organizational performance in organizational stakeholders.

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