



Republic of the Philippines  
**QUEZON CITY COUNCIL**  
Quezon City  
19<sup>th</sup> City Council

PR19CC-254

39<sup>th</sup> Regular Session

**RESOLUTION NO. SP-6110** S-2014

**A RESOLUTION URGING THE QUEZON CITY GOVERNMENT TO STUDY THE USE OF MODULAR CONSTRUCTION FOR LONG-TERM TEMPORARY USE WHILE PERMANENT STRUCTURES ARE YET TO BE BUILT.**

*Introduced by Councilor JULIENNE ALYSON RAE V. MEDALLA.*

*Co-Introduced by Councilors Anthony Peter D. Crisologo,*

*Ricardo T. Belmonte, Jr., Dorothy A. Delarmente, Victor V. Ferrer, Jr., Alexis R. Herrera, Precious Hipolito Castelo, Voltaire Godofredo L. Liban III, Roderick M. Paulate, Ranulfo Z. Ludovica, Ramon P. Medalla, Estrella C. Valmocina, Allan Benedict S. Reyes, Gian Carlo G. Sotto, Frank S. Primaran, Eugenio C. Lagunbay, Jose Mario Don S. De Leon, Jaime F. Borres, Jesus Manuel C. Suntay, Marvin C. Rillo, Vincent DG. Belmonte, Raquel S. Malabigen, Bayani V. Hipol, Jose A. Vilaya, Godofredo T. Liban II, Allan Butch T. Francisco, Karl Edgar C. Castelo, Candy A. Medina, Diorella Maria G. Sotto, Marivic Co-Pilar, Rogelio "Roger" P. Juan, Melencio "Bobby" T. Castelo, Jr., Donato C. Matias and Ricardo B. Corpuz.*

*WHEREAS, Section 17 of Republic Act No. 7150, otherwise known as the Local Government Code of 1991, states that the Local Government Units "shall provide for basic services and facilities such as infrastructure facilities intended primarily to service the needs of the residents x x x school buildings, and other facilities for public elementary and secondary schools; clinics, health centers and other health facilities necessary to carry out health services; x x x and similar facilities;"*

*WHEREAS, modular construction uses pre-engineered modular units, which are transported from the factory to the site where they are assembled for use;*

*WHEREAS, modular units may be room-sized or parts of larger spaces which are combined together to form complete buildings;*

*WHEREAS, all modular buildings are designed to be "permanent" in terms of compliance with building regulations, although they are, by definition, relocatable and reusable; X*

WHEREAS, in a study conducted by the Oxford Brookes University entitled "The Value and Benefits Assessment of Modular Construction," the following key advantages of modular construction were identified: short build time, reduction in waste on site, safer construction, greater certainty of professional fees, and reduced construction costs;

WHEREAS, modular construction is also widely used in Japan, the USA, and in the Scandinavian countries. In Japan, modular housing has achieved over 150,000 completions a year, and the light steel frame provides excellent robustness to seismic actions and is not subject to rot or infestation;

WHEREAS, modular buildings have a variety of uses: they can either be used for long-term temporary or permanent facilities, ranging from schools and classrooms to health care facilities, and to temporary homes and emergency shelters;

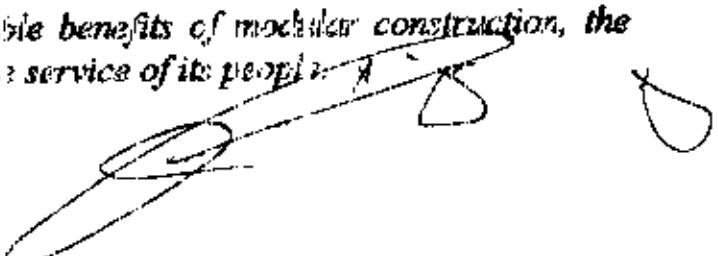
WHEREAS, there are also important opportunities for modular construction in extensions to existing buildings either by attaching serviced units to the side of buildings or by roof-top modules;

WHEREAS, modular construction has distinct environmental advantages over more traditional site-intensive construction from the point of view of energy use in manufacturing, the construction operation, the energy use in service operation, re-locatability and re-use of modular units;

WHEREAS, the establishment of permanent structures to address the needs of the City is too time-consuming to be considered an efficient delivery of social services;

WHEREAS, modular buildings are the perfect short-term solution to the problems the City faces while waiting for more permanent structures to be built for emergency shelters, additional classrooms, more healthcare facilities, and the like;

WHEREAS, with the considerable benefits of modular construction, the City must explore this technology in the service of its people.



*39<sup>th</sup> Regular Session*

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*NOW, THEREFORE,*

*BE IT RESOLVED BY THE CITY COUNCIL OF QUEZON CITY IN  
REGULAR SESSION ASSEMBLED, to urge, as it does hereby urge the Quezon  
City Government to study the use of modular construction for long-term  
temporary use while permanent structures are yet to be built.*

*ADOPTED: September 8, 2014.*

*ANTHONY PETER M. CRISOLOGO*  
Acting Vice Mayor  
Acting Presiding Officer

*ATTESTED:*

*J. T. Alferos III*  
Atty. JOHN THOMAS S. ALFEROS III  
City Gov't Asst. Dept. Head III

**CERTIFICATION**

*This is to certify that this Resolution was APPROVED by the City  
Council on Second Reading on September 8, 2014 and was CONFIRMED on  
September 15, 2014.*

*J. T. Alferos III*  
Atty. JOHN THOMAS S. ALFEROS III  
X City Gov't Asst. Dept. Head III X