



# PICE Qatar NEWSLETTER



The Official Publication of the Philippine Institute of Civil Engineers – Qatar Chapter

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JANUARY 2019 ISSUE



2019 PICE Qatar Board of Directors, Officers, and Council of Advisers

## PICE QATAR BOD – ALL SET FOR THE YEAR 2019

Belinda Dela Cruz

**P**hilippine Institute of Civil Engineers - Qatar Chapter gladly welcomes the year 2019 with the theme "Civil Engineers at the Forefront of a Progressive and Challenging World". Being elected as the New Chapter President for 2019, Engr. Helario "Larry" S. Amoguis will be leading the organization with plenty of programs and activities.

Pres. Larry together with the 2019 BODs will continue to promote and fulfill the main objectives of the Chapter which are the facilitation of continuing professional development among its members through but not limited to lectures, seminar / workshops, researches, online forum and other means of educational information available and through maintaining the support system within the general membership. The organization will also aim to surpass or in the least continue the achievements done in the previous years.

The following are the plans and programs for this year:

- To conduct at least one CPD approved Seminar/workshop per month.
- Increase membership by a few hundred and promptly assist members needs through coordination with PICE National
- To issue Newsletter monthly
- To contribute to community service in coordination with the concerned agencies
- To continuously provide support to PICE Qatar members within our means and capacity
- To help associate members to acquire PRC License through SPLE review program
- To implement deep well project in Zamboanga City in line with the recently signed Memorandum of Agreement (MOA)

- To deliver one School Building project in Mindanao Area
- To promote physical health programs through sports activities
- To promote ASEAN, ACPE, and APEC registry for advance level Engineers
- To add at least one CE student Scholar in addition to existing two.

President Larry also prepared a calendar of activities as a guide. Some of the activities are the regular Wednesday Meetups and special Meetup on Sunday, SPLE review classes during Friday, Quarterly Outreach Program, Celebration of Foundation Day, and proposed seminars.

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# OPINION



## THE WILL (TO PREPARE) TO WIN CONDUCTING A JOURNALISM WORKSHOP, IS IT REALLY NECESSARY?

**A**fter having been awarded the "Best International Chapter for Newsletter and Community Service" in 2017, the PICE Qatar has won yet another award as the "Most Outstanding Newsletter" for National International Chapter Award of 2018.

This year the pressure is higher to bag the third straight award. Despite the two consecutive years of success, there will always be a room for development as the new staff takes on their first step to continue the feat of their predecessors, this room must be unlocked and filled. On the 11th of January 2019, the Committee on Publications and Information (COPI) conducted a whole day seminar workshop on journalism, which focused to provide pointers on the basics of Journalism including the

newsletter layout, and photography. Aiming for a consecutive award also continuous

**The key is not the will to win, everybody has that. It is the will to prepare to win that is important.**

**-Bobby Knight**

a newsletter every PICE Qatar members longs to read. To the 2019 PICE-Q Official publication unit, there are still a lot of stars in the sky, let us catch one and make the PICE Qatar's shelf shine brighter.



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# THE PRESIDENT'S LOUNGE

## Message from the President

**Helario S. Amoguis**

**CEng, ASEAN Eng.**

***The 12th President of PICE Qatar Chapter***

**M**y warmest welcome to all PICE Qatar members for the year 2019.

PICE Qatar is turning its page to another chapter with its newly elected leaders. New year, new hopes and new opportunities for all of us to advance professional development and increase professional and social networks.

Kudos to the Committee on Publications and Information (COPI) team for impressive plans and programs for the year, the most important of which is to prepare and issue the PICE Qatar Newsletter every month without fail. To produce this piece of craft requires enormous time and effort. It is through this platform that we intend to fulfill our mandate of providing updated information to our members and at the same time provide an avenue for members to showcase their talents and share their expertise in their respective field through by way of technical paper presentations.

In recent years, PICE Qatar has reached remarkable achievements through the active support from the members. Obviously, those significant feats could not have been made possible without dedicated past leaders and volunteers who unselfishly spare their extra time for the chapter. This year's greatest challenge is to sustain, if not surpass those remarkable accomplishments.

Chosen as Chapter President for the year 2019 is a great privilege and honor. It will be a challenging year for us considering the constant evolution of global economic and political condition affecting all of us. Indeed, our theme for this

year "Civil Engineers at the Forefront of a Progressive and Challenging World" is not just timely but also remind us that we "Civil Engineers" plays a vital role in nation building. At all times, we must be motivated not to succumb to any obstacle but rather hurdle any challenge encountered to attain our goals.

Notwithstanding the challenges ahead, I am confident that PICE Qatar will continue to soar high, buoyed up with love and dedication of the newly elected Board of Directors namely: Engr. Sheila L. Medel - 1st Vice President; Engr. Elvin D. Fajutagana - 2nd Vice President; Engr. Alfonso Belito C. Betita - Secretary; Engr. Rolan E. Nevado - Treasurer; Engr. Emilio M. Manalo - Auditor; Engr. Mark Anthony P. Abendan - Business Manager; Engr. Belinda E. Dela Cruz - Public Relations Officer; Engr. Maria Michelle A. Revillosa - Sergeant-At-Arms; Engr. Rogel B. Banal - COME Chair; Engr. Newcesar T. Templonuevo - COWME Chair; Engr. Emmanuel German V. Boceta - COPA Chair; Engr. Bernard Y. De Vera - COHOPLE Chair; Engr. Loraine C. Radan - COCPA Chair; Engr. Jerick A. Lising - COPI Chair. I believe that these officers have committed themselves to PICE Qatar and has rendered in the past and will continue to render significant contributions in attaining our objectives for the year. Aside from us, there are members who came forward with their unwavering support and agreed to serve as chairpersons of the different standing/ad hoc committees of the organization, namely: Engr. Arman A. Tolentino - SPECS; Engr. Alnovar Abubakar - COLSA; Engr. Noriethom De Guzman - Major Events; and, Engr. Eric R. Reprima - Community Service.



With the guidance and support from our past presidents, Engr. Aileen A. Buenaflor, Engr. Allen L. Nacario, Engr. Gilbert P. Lorenzano, Engr. Ronaldo B. Nilo, Engr. Noel T. Jumawan, Engr. Arnel P. Punsalan, Engr. Delfino C. De Leon, Engr. Geraldo T. Managuelod, Engr. Jose A. Panganiban, Engr. Frederick M. Garcia, Engr. Roy L. Baquiran, I have high hopes that there will be no sunset for PICE Qatar Chapter and will always be a sunrise for us to be given the chance to tirelessly serve others in our own little way.

For this year, we will continue to fulfill the main objectives of our chapter. i.e. professional career development and individual support. We will also continue to prioritize community service programs that can create a great social impact on the community: i.e. Community projects such as School building projects, tree planting activities, beach clean-up, blood donation campaign, a scholarship program and outreach programs for our distressed *kababayans* in Doha.

I encourage everyone to support our activities for the whole year, our little contribution to our profession and society if joined altogether can create a tsunami of hope and inspiration to others. It is through this that we can give real meaning to our existence.

God Bless PICE Qatar and More Power.

# PICE QATAR UPDATES



## PICE Qatar holds 1<sup>st</sup> EXECOMM Meeting for 2019

Oryx Rotana Hotel, Old Airport Road, Doha, State of Qatar

Alfonso Betita

**P**ICE Qatar holds its first EXECOMM Meeting for the year 2019 on January 4, 2019 at Oryx Rotana Hotel, Old Airport Road, Doha, State of Qatar.

Topics discussed focus on updating of the last years' issues and concerns including the handing over of the responsibilities and the records by the previous EXECOMM. The meeting also covered the presentation of the President's plan and vision for the organization in the year 2019.

The highlight of the meeting was the presentation cum lectures about Robert's Rule on Parliamentary Procedures which was conducted by Engr. Roy L. Baquiran, PICE Qatar Founding President.

The list of appointed ad hoc committee chairmen for 2019 was also announced by the president.

The EXECOMM meeting was presided by PICE-Q President, Engr. Helario S. Amoguis and was attended by 14 BODs, five past presidents and 2 guests who also hold positions as chairmen in various ad hoc committees.

Present during the first EXECOMM meeting were:

Engr. Helario S. Amoguis - President,  
Engr. Sheila L. Medel - 1st Vice President,  
Engr. Elvin D. Fajutagana - 2nd Vice President,  
Engr. Alfonso Belito C. Betita - Secretary,  
Engr. Rolan E. Nevado - Treasurer,  
Engr. Emilio M. Manalo - Auditor,  
Engr. Mark Anthony P. Abendan - Business

Manager, Engr. Belinda E. Dela Cruz - Public Relations Officer,  
Engr. Maria Michelle A. Revillosa - Sgt.-At-Arms,  
Engr. Rogel B. Banal - Chairman, COME,  
Engr. Bernard Y. De Vera - Chairman, COHOPLE

Engr. Loraine C. Radan - Chairman, COCPA,  
Engr. Newcesar T. Templonuevo - Chairman, COWME,  
Engr. Jerick A. Lising - Chairman, COPI,  
Engr. Emmanuel German V. Boceta - Chairman, COPA,  
Engr. Aileen A. Buenaflor - IPP,  
Engr. Roy L. Baquiran - FP,  
Engr. Geraldo T. Managuelod - PP,  
Engr. Ronaldo B. Nilo - PP,  
Engr. Noel T. Jumawan - PP,  
Engr. Alnovar S. Abubakar - Chairman, COLSA,  
Engr. Aushford O. Acera - Chairman, CPD

The meeting was adjourned by the President at exactly 2:45 P.M.

## 10 New Members Join PICE Qatar

Russel Flores

**T**he Committee on Membership (CoME) through the new Chairman - Engr. Rogel Banal discloses that the last membership number issued as of January 31, 2019 is 3,390.

For the month of January, a total of 10 new members were accepted and 29 more updated their membership dues and arrears. The last temporary membership issued is T-178 in accordance with the existing COME IRR.

The committee is continuously calling all its members to update their dues for the new year in addition to encouraging other Filipino Civil Engineers based in the State of Qatar to join the organization.



# PICE QATAR UPDATES



## COPI Plans for 2019

*John Cromwell Esclanda*

**C**ommittee on Publication and Information (COPI) sets its plan for the year 2019 which will be submitted during the first 2019 PICE Qatar EXECOMM meeting on January 4, 2019 at Oryx Rotana Hotel, Doha, Qatar. A new set of PICE Qatar Newsletter staff will be formed by 2019 BOD-Elect and COPI Chairman Jerick A. Lising.

COPI targets to have a regular monthly issue for the whole year of 2019. Furthermore, three special issues are also targeted to be released for the following events: Induction of 2019 Board of Directors (February 2019), PICE

Qatar Foundation Day (May 2019), and PICE Qatar General Assembly (November 2019).

Seminar/workshop on journalism is to be conducted on January 11, 2019, with the aim of enhancing skills and knowledge of PICE Qatar Newsletter staff. Different topics are to be covered which are as follows: feature writing, news writing, editorial writing, sports writing, basic photography, and newsletter layout.

In line with the celebration of World Press Day on May 3, 2019, the committee will run an awareness campaign to promote the different line of communication of PICE Qatar including the PICE Qatar Newsletter, PICE Official

Website, PICE Official Facebook Closed Group and Page. This will also promote the importance of freedom of the press.

Regular sections for the PICE Qatar Newsletter are as follows: news section, regular columns (Editor-in-Chief, Managing Editor and Sports Editor), feature articles (Safety, Sports, Membership, Community and Announcements), featured BOD of the month, editorials, editorial cartoons, president's corner, sports page, and advertisement.

According to Chairman Lising, the committee plans to produce the COPI IRR (Implementing Rules and Regulations) within next year for future references.

## COPI Kicks Off 2019 With Seminar Workshop on Journalism

*Shielu Manantan*



**I**n its mission to provide pointers on the basics of journalism and to introduce the new set of PICE Qatar Newsletter Editorial Staff, the Committee on Publications and Information (COPI) held a Seminar-Workshop on Journalism at Oryx Rotana Hotel, Old Airport Road, Doha, State of Qatar last 11th of January 2019.

Tagged as its kick-off activity for the year 2019, the whole day event offered skills training in essential journalism techniques including Editorial and News Writing by Engr. Alfonso Belito C. Betita, Sports Writing by Engr. Russel F. Flores, Feature Writing and Writing Ethics by Engr. Alden P. Cayaga, Basic Photography by Engr. Henrik Gal M. De Ocampo, and Newsletter

Layout using Microsoft Publisher and Adobe Spark by Engr. Jerick A. Lising.

For two consecutive years, the PICE Qatar Chapter was awarded "Best International Chapter for Newsletter and Community Service" (2017), and "Most Outstanding Newsletter for National International Chapter award" (2018). This year the whole PICE-Q Official Publication unit aims to bag another award for the third time.

Participants of the event were Engr. Jerick A. Lising, Engr. Alfonso Belito C. Betita, Engr. Russel F. Flores, Engr. Alden P. Cayaga, Engr. Henrik Gal M. De Ocampo, Engr. Johnson A. Sanchez, Engr. Shielu L. Manantan, Engr. Elenie E. Nicomedes, Engr. Belinda E. Dela Cruz, Engr. Meliza M. Ortiguerra, Engr. Newcesar T. Templonuevo, Engr. Vivencio R. Badua, Engr. John Cromwell Esclanda, Engr. Katrina Magsino, Engr. Danilo L. Chan, Engr. Mark Anthony Abendan, Engr. Elvin D. Fajutagana, Engr. Rogel B. Banal, and Engr. Helario S. Amoguis.

# PICE QATAR UPDATES

## COLSA Updates for January 2019

Henrik Gal de Ocampo

**T**he Committee on Life Membership and Specialist Application (CoLSA), through the new Chairman - Engr. Alnovar Abubakar, provides an update status for applications this January 2019 on the provided table.

Certificates of all approved Life Members and Specialists will be awarded during the Induction of 2019 Board of Directors, Recognition of Committee Members on February 8, 2019.

The standing committee is continuously encouraging PICE

Description	Number of Applicants	Under Review by PICE National	Under Review by PTC
Life Member	11	3	N/A
Specialist	7	7	N/A
ACPER	7	7	N/A
AER	19	7	5
AAE	4	1	2
APEC	8	3	6

Qatar Engineers to prepare and submit their application for Specialist, ACPE, APEC, ASEAN, and Associate ASEAN Engineering registration as Life Member, Register (AER).

**P**ICE Qatar Chapter 2019 President, Engr. Helario S. Amoguis signs the MOA/MOU for the Career Simulation & Seminar-Workshop (CSSW) for Grade 12 Senior High School Students in Philippine School Doha (PSD) last January 25, 2019. The MOA/MOU signing will also be participated by other leaders of different professional organization acknowledged by the Philippine Embassy in Doha.

This is the second time that PICE Qatar Chapter joins the initiative of the Philippine Professional Organization - Qatar (PPO-Q) to conduct a career simulation workshop for senior high school students. Under the PICE Qatar Chapter Support Programs and Events Committee for Students (SPECS), headed by Chairman Engr. Arman Tolentino under the supervision of the 1st Vice President Engr. Sheila Medel, the CSSW aims to give the students an in-depth idea and actual job

## PICE Qatar Chapter and PSD Sign MOA/MOU

Jerick Lising

scenarios of their preferred careers that they will pursue at the university.

The SPECS selected few of PICE Qatar's competent lecturers and topics as follows: Engr. Alfonso Belito Betita for Introduction about Civil Engineering, House Construction and Tunneling, Engr. Aileen Abejero-Buenafior for Roads Construction and Estimate, Engr. Elvin Fajutagana for Project Management, Engr. Henrik De Ocampo for Road Utilities. On the last day of the workshop, SPECS will give an evaluation exam to the students to assess their understanding of the topics discussed. The simulation workshop will run for six Fridays



PICE Qatar President Engr. Amoguis (middle) as he sign the MOA/MOU for the Career Simulation Workshop

starting from January 25, 2019 and expected to finish by March 1, 2019.

## Deep Well Community Project

Aileen Buenafior

**O**n February 28, 2018, the Joy Urban Poor Homeowners' Association, Inc. (JUPHAI) sent a letter to PICE Qatar Chapter seeking for assistance in the development of a water system for their community (artesian deep/deep well). Since the community experiences water scarcity whole year round which is aggravated during the El Niño Phenomenon which happens every two years in Zamboanga City, the only source of water for the community is the deep well operated by a private individual and shared among them for a fee thru rationing schedule.

JUPHAI Community is located at Sitio Cabeza Moro, Lunzuran, Zamboanga City. It has a total land area of five hectares made available to qualified "urban poor" beneficiaries. To date, its members numbered already to almost 200 families and continue to grow. But because of the poor road network and unreliable water system, only 55 families opted to stay at the said urban poor subdivision.

On December 7, 2018, during the last monthly meeting of the 2018 EXECOMM of PICE Qatar Chapter, it was decided and approved to grant the request of JUPHAI

Community for the deep well with the budget lump sum cost of Php 75,000.00. The BOD appointed Mr. Benjamin Buenafior, the spouse of the Immediate Past President Engr. Aileen Abejero-Buenafior as the project supervising officer on behalf of PICE Qatar Chapter to which the former accepted. On January 2019 during the first EXECOMM meeting, it was agreed that the 6th School Building budget, which was sourced from the generated funds of Construction Project Management Symposium held last October 2018, was to be reallocated to the deep well project. The target commencement of the project will be on February 2019 once the Board Resolution and Memorandum of Agreement (MOA) for the same will be finalized.



# PICE QATAR UPDATES



## PICE Qatar EXECOMM 2019 attends Courtesy Call with POLO-OWWA Labor Attaché David Des T. Dicang

*Emmanuel German Boceta*

**M**embers of the PICE Qatar Chapter - Board of Directors (BODs), Executive Committee (EXECOMM) and Past Presidents (PP) have attended a courtesy call with the Philippine Labor Attaché to Doha, David Des T. Dicang held on January 29, 2019, 5:30 PM at POLO-OWWA Office Al Jazeera Tower, 20th Floor Al Furat St., West Bay Area, Doha, State of Qatar.

The said visit was initiated to address one of the PICE's core

professional organization to the Philippine Government institutions and missions located in a foreign land such as Qatar.

In the course of discussions, Engr. Helario S. Amoguis, PICE Qatar President officially presented the programs, plans, and schedule of the organization with regards to the Outreach Activities for Distressed Overseas Filipino Workers (OFWs) who are staying within the POLO-OWWA Shelter.

Labor Attaché Dicang positively approved, welcomed and thanked

values, social responsibility and to continuously show our support as a PICE Qatar for continuously being partners & supportive with their goals and objectives. He also informed that PICE Qatar is a priority partner, having a very good track record of being a professional organization and member of the Philippine Professional Organizations (PPO).

Further, he also cautioned everyone to be very careful and meticulous with outreach activities such as these because permits are being issued only to few organizations due to some negative issues done by others which have reached their office and the Qatari Government.

The activity was adjourned at 6:45 PM with a simple snack and photo ops.

## Asian Community Leaders in Qatar Convene for Safety and Security Awareness Seminar

*Jerick Lising*

The Ministry of Interior (MOI) holds an awareness seminar for Asian community leaders at the Officers' Club Auditorium, Headquarters of Civil Defense, Bin Omran on January 2, 2019. The focus and objective of the seminar are the security and safety protocols of the host country. MOI introduced the different services offered on its Unified Services Department having 16 centers on each strategic locations of the country. These centers are open from 6 am to 6 pm offering visa services assistance, residency approvals, transfer of sponsorship and registration of companies, to citizens, residents, and companies.

The General Directorate of Traffic reiterates to take safety measures while driving, follow the road traffic signs and signals and imposed

correct use of lanes especially for heavy trucks as well as their hours of operation. The General Directorate of Civil Defense discussed fire safety instructions for the community members and different type of fire extinguishers, on how to use it in case of fire accidents. The Al Faza'a Police reminded that people should not be afraid of them because their visibility is for public security. They also recapped that when we go out, always bring proof of residency such as Residency Permit, or passport with visa stickers. Procedures for bringing medicine to Qatar and risks of bringing belongings of others while coming to Qatar are discussed in detail. Authority reminded not to bring illegal medicine to Qatar as there are criminal violations as per Qatar law. Bringing medicine for personal

use is allowed but be sure there are Doctor prescriptions and quantity should be as prescribed.

In addition, for any emergency cases in your respective places, call 999 (Police, Fire, and Ambulance). Very important to know your Zone No., Building No. and Street No. You can typically find it fixed on the wall of your Building or Gate in a blue plate. In this way, they can find your exact location. If you don't have a load, SIM card or network, you can call 112 for emergency cases. However, be responsible when using this number. Make sure that there is a real emergency, otherwise legal actions will be dealt with accordingly. There is also an Emergency Service for the Deaf, 992.

The seminar started at 6:30 pm and adjourned at 9:30 pm and was attended by PICE Qatar EXECOMM representatives namely Engr. Roy Baquiran, Engr. Geraldo Managuelod, Engr. Helario Amoguis, Engr. Elvin Fajutagana, and Engr. Maria Michelle Revillosa.

# TECHNICAL SECTION

## Development of Bespoke Project Charter

by Engr. Harry C. Lameg

**Abstract** — In this modern and fast-paced construction era, many corporates are not fond of doing project charter due of lack of awareness about its importance and advantages. They consider it as a time-consuming procedure, hence project could proceed and be completed without it. Upon the award of the project, major stakeholders start feeling the pressures created by time constraint. Usually, the project is handed over immediately to the project manager without a proper project charter. Lack of support from the management also deter some individuals initiating the process. Project Charter is very critical in the initiation stage of the project as it serves as a gateway to the succeeding processes. Though there is an ample time to do the same in the construction phase, still some of the project managers are reluctant to do it properly. Besides, due to the limited duration and number of projects in the design phase of the project lifecycle, design firms mostly neglect its creation.

This technical paper tackles the importance of project charter in pre-construction phase of the project as well as how to develop a bespoke project charter to suit its purpose in a timely manner.

### Introduction

This exercise focuses in the Pre - Contract Services or design phase of the project life-cycle. This could be a pattern in creating project charter intended for Post - Contract Services (Construction Phase) also.

As mentioned above, one of the challenges in creating project charter under design phase is the limited project's timeframe. Nowadays, most of the Clients are putting their required duration along with the Request for Proposal (RFP) or Tender Documents as a constraint. Leaving the bidder less option and opted to follow it due to tight competition. The burden is then felt upon the award of the project where preparation of project charter is also affected.

This paper first define the project charter and identify its importance and challenges. Proposed solution as well as other required documents will also be discussed and followed by introduction of a sample Bespoke Project Charter.

### WHAT IS PROJECT CHARTER

**According to Meredith & Mantel (2009, pp.166-167)**, "a Project Charter is simply a written agreement between Project Manager, Senior Management & Functional Managers who are committing resources and/or people to a specific project"

**PMI's PMBOK GUIDE Body of Knowledge (2013, p.66)** states that "the approved Project Charter formally authorizes the existence of a project and provides the Project Manager with the authority to apply organizational resources to project activities"

**Wikipedia (2015)** defines the Project Charter as a statement of the scope, objectives, and participants in a project. It provides a preliminary delineation of roles and responsibilities, outlines the project objectives, identifies the main stakeholders, and defines the authority of the project manager.

**Burke (2001, p. 94)** also called Project Charter terms of reference, or project mission which should be a tightly worded document outlining what is to be done and the boundaries of the project.

**IMPORTANCE OF PROJECT CHARTER** – below list depicts the importance of Project Charter at a minimum;

- It attests to the fact that Senior Management, Functional Managers and Project Managers are "on the same page".
- Well-defined project starts and boundaries, creation of formal record of the project and direct way for senior management to formally accept & commit to the project.
- Early captures of some important sections such as Assumptions, Constraints and Risks.
- Encourage the "project team" to buy – in.
- Become organizational project asset and serves as a reference of authority for the future of the project.
- Gateway to planning, executing, control and monitoring and closure
- Accurate progress and status reporting
- Formalization of the project.

### ELEMENTS OF PROJECT CHARTER

- Project purpose or justification
- Measurable project objectives and related success criteria
- High-level requirements
- Assumptions and constraints
- High-level project description and boundaries
- High-level risks
- Summary milestone schedule
- Summary budget
- Stakeholder list
- Project approval requirements (i.e. what constitutes project success, who decides the project is successful, and who signs off on the project
- Assigned project manager, responsibility, and authority level, and
- Name and authority of the sponsor or other person(s) authorizing the project charter

Some project charter templates contain information in addition to the above such as alternative analysis, project organization, forecasted cashflow etc. But since the objective is to lessen the time in preparing the project charter to immediately formalized and issued to the project team, then it is advisable to create a simple and concise one.

### CHALLENGES IN DEVELOPING PROJECT CHARTER

It is evident that the project charter is an internal high-level document which serve as an agreement between the sponsor and the project team. Hence, discussions and deliberations should be conducted between the parties to elaborate ambiguous areas and come up with clear understanding and consensus. Consequently, problem arises when the project has a short time duration especially in pre-construction period where there is a possibility of completing certain stages of design prior to the issuance or acceptance of the project charter.

Moreover, there are some delaying factors that should be realized during the development of pre-construction project charter, such as;



# TECHNICAL SECTION

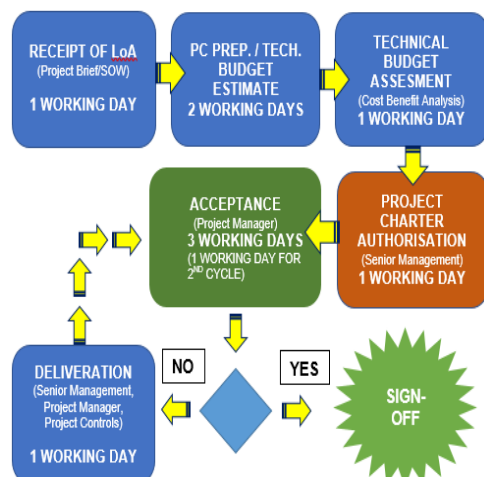
- Limited Project Duration
- Complexity of project
- Information Gathering and Data Collection
- Lack of Established project organizational assets
- Cultural Differences
- Management Support

## PROPOSED SOLUTION

In response to the challenges detailed above, it is suggested to develop a bespoke project charter that suits the organization's requirements and provides enough and useful information which could be used and issued in a short period. Stating that, the bespoke project charter shall be minimized hence compacted and shall be comprehensive. It is suggested to not include items which are of least priorities as those could be done at the later stage. There are many project charter templates available in the internet to be used as guidance in preparing the bespoke pre-construction project charter. Below are some helpful tasks to do in developing project charter.

### 1. DEVELOP A TIMELINED FLOW CHART

This paper is focusing on how to minimize the time in developing the project charter, hence, it is suggested to create a standard timeline to limit all stakeholders from prolonging the time given for them to do their task. It should be clear to all stakeholders that any delay from their end would create a delay on the process. Below is the sample flowchart that could be used as a guideline in creating the standard timeline.



### 2. COLLECT THE REQUIRED CONTRACTS DOCUMENTS

Upon the receipt of the LoA, below contractual requirements are to be collected as a minimum.

- Project Brief/Contract – during the receipt of the Letter of Award (LoA) the signed contract might not yet be available and the level of information pertaining to the project is less. However, such project information could be extracted from the submitted proposal/bidding documents. The project brief should contain the project's background, scope of works and other items pertaining to the contracts and basis of design. This should be requested from the Corporate's Contracts Department.
- Pre-estimated manhour/cost fees estimate (if available)
- Approved Fees (Payment Schedule)
- Rate used in preparing the proposal
- Project reference

### 3. PREPARE THE PROJECT TECHNICAL BUDGET

Project Technical budget is the estimation of required manhours to complete the project which is to be converted to cost and eventually compared to the approved fees. This process is time consuming especially if the required inputs or information are not available. Such inputs are the following:

- Contractual requirements
- Organizational Project Assets (Historical data, policies, templates, lesson learned)
- Estimated number of drawings and manhours – could be taken from previous similar projects or from the project team.

### 4. PREPARE BESPOKE PRE-CONSTRUCTION PROJECT CHARTER DOCUMENT

After the comprehensive understanding of scope and preparation of budget, then it should be translated into the summarized document "Project Charter" to formally authorize the project. Below are the major components of sample bespoke internal project charter document as minimum.

**4.1. PROJECT PURPOSE** – Typically to show why the project is to be undertaken. Moreover goals/vision could be included also.

**4.2. PROJECT DESCRIPTION** – the project description should contain at the minimum of the Client's name, the type of Project or project's name (with level configuration), location, site area, GFA and BUA.

- **WHO** - Client's Name – Identifying the client could help in the decision making. Some Clients are hard to get along with.
- **WHAT** - Type of Project – usually the project name shall follow the type of project. Putting Level Configuration is an additional feature that could help identify similar project from historical data.
- **WHERE** - Location – due to zoning and other statutory authority's requirements
- **WHEN** – Commencement and Scheduled Completion Dates

### Example of summarized project's description.

*"We understand that Monsoon Company ('the Client') intends to develop Office Building (3B+G+M+14+PH) located in Pantabangan City, Manila, Philippines with estimated site of area of 31,0445 sq.m. , GFA of 115,398.00 sq.m and BUA 196,309.00sq.m. ('the Project')". The project shall commence upon the receipt of LoA and to be completed within six (6) months excluding Client's review/approval and Gov't/Statutory Authority's Approval.*

Moreover, related areas could also be included as necessary to supports decision making.

**4.3. PROJECT SCOPE SUMMARY** – it is important to check and validate the scope of works as it should be explicitly shown in every part of your contractual documents. The scope might have changed from the 1st submitted proposal and after the project awarded due to negotiation process. Here is the sample of summarized project scope.

*"The Client has appointed Qatar Architects Engineers ('the Consultant') to undertake complete Pre - Contracts Consultancy Services as stipulated in Appendix "A" (scope of works) of the Contract Agreement.*

For avoidance of doubt, "complete" Pre-Contract Consultancy Services, is defined as starting from scratch up to completion of design services or to the point where the Construction could start.

# TECHNICAL SECTION

## Development of Bespoke Project Charter

by Engr. Harry C. Lameg

### 4.4. KEY PROJECT DELIVERABLES/SERVICES

Pre-contracts services deliverables comprise mainly of drawings, design reports, calculation, specifications, estimates and other related services to complete the scope of works. However, putting all deliverables in the project charter will require significant effort and time. Thus, a high-level component such as services to be provided are the appropriate elements relevant to the deliverables.

Deliverable 1 :	Architectural Design
Deliverable 2 :	Structural/Civil Engineering Design
Deliverable 3 :	Building Engineering Services (MEP) Design
Deliverable 4 :	Hard/Soft Landscaping
Deliverable 5 :	Quantity Surveying Services
Deliverable 6 :	Other Disciplines

**Table 1.0: List of Project Deliverable/Services (Pre - Contracts)**

To prevent / avoid confusion/grey area, exclusion list could also be provided.

### 4.5. KEY PROJECT MILESTONE

Pre-contracts stages are the gateway of each milestone in the project. It is advisable to include the weightage for every milestone in order to close it and become a significant reference for payments.

**Table 2.0: Key Project Milestones (Pre - Contracts)**

Milestones	Wt. %	End Date
Milestone 1 - Upon submission of Concept/Sketch Design	25%	tba
Milestone 2 - Upon approval of Concept /Sketch Design	5%	tba
Milestone 3 - Upon submission of Preliminary Design	20%	tba
Milestone 4 - Upon approval of Preliminary Design	5%	tba
Milestone 5 - Upon submission of Detailed Design	30%	tba
Milestone 6 - Upon approval of Detailed Design	5%	tba
Milestone 7 - Upon submission of Tender Documentation	3%	tba
Milestone 8 - Upon approval of Tender Documentation	2%	tba
Milestone 9 - Upon Completion of Post Tender Stage	3%	tba
Milestone 10 - Upon completion of Construction Documents	2%	tba

### 4.6. ASSUMPTION, CONSTRAINTS AND RISK

- This is important to identify and provide initial and common understanding of all assumptions, risk and constraints of the project at a high level.

### 4.7. CURRENT PROJECT STATUS TO DATE

- It is necessary to identify the current stage status of the project to serve as the basepoint of the project charter. There are instances that the project charter could be completed late after a certain stage due to some delays in the process (i.e. pre-concept, concept, preliminary).

### 4.8. PROJECT BUDGET

- An overall Total Budget (Manhours/Cost) shall be stated clearly for easy reference and it would be helpful to point the stakeholders to the Appendices for details.

### 4.9. PROJECT AUTHORIZATION /ACCEPTANCE

- this area shows the major stakeholders where each of them shall affixed their signatures in order to formally authorized the start of the project.

### 4.10. APPENDICES

- Project Technical Budget Summary
- Project Brief
- Project Schedule (High Level)

It is highly recommended to use computer software capable of proper linking and formulas, as it will lessen the time of typing and minimizing the errors (i.e. excel).

### CONCLUSION

Ultimately, following the processes and knowledge areas provided by some school of thoughts could provide guidance to develop and implement the project charter. However, proper alignment and utilization of the same should be realized. Whilst the project charter is being neglected by many corporates, its existence is still necessary in order to achieve the corporate's objectives. Furthermore, as "timely completion" is categorized as the major challenge in developing and implementing the project charter, concerted effort is one of the key factors to achieve its goal. A Project Charter is to be considered completed and in action only if it is signed-up (authorized) and issued to the working team immediately for implementation or else it would just be an academic exercise. A proper planning should be there since the beginning of the project

in order to execute the project profitably.

### REFERENCES:

1. Project Management Institute (2013) A guide to the Project Management Body of Knowledge (PMBOK Guide) 5th ed., USA: PMI Inc.
2. Meredith, J. and Mantel, S. (2009) Project Management: A Managerial Approach, 7th ed. USA: John & Wiley
3. Burke, R. (2001) Project Management: Planning & Control Techniques 3rd ed., UK & Australia: John Wiley & Sons Ltd.
4. Wikipedia (2015) Project Charter (online), available: [https://en.wikipedia.org/wiki/Project\\_charter](https://en.wikipedia.org/wiki/Project_charter) [accessed 18 November 2015].
5. Project Engineer (2019) Elements of Project Charter (online), available: <http://www.projectengineer.net/the-elements-of-a-project-charter/> (accessed 29 January 2019)

## About the AUTHOR



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GCMP No. 00482



# PICE QATAR UPDATES

## Preparation for 2019 BOD Induction

Mark Anthony Abendan

**A**nother fruitful year of PICE Qatar has passed and the Ad hoc Committee on Major Events is again busy with the preparation for the Induction of 2019 Board of Directors, Recognition of Committee Members, and Oath-Taking of New Members. This year's theme is "Civil Engineers at the Forefront of a Progressive and Challenging World". The date and time have been set on February 8, 2019, from 9:00 am to 3:00 pm to be held at Oryx Rotana Hotel, Old Airport Road, Doha, State of Qatar.

The person-in-charge for this momentous occasion is Engr. Noriethom De Guzman (2019 Major Events Chairman), Engr. Arman Tolentino (Program Director), and Engr. Anthony Patino (Technical Director), under the supervision of 1st VP Engr. Sheila Medel (Committee Supervising Officer). Part of the team with their respective assignments, before and during the event, to comprise of the following:

### 1. Masters of Ceremonies:

Engr. Arnel Punsalan, Shiellu Manantan, and Jundee Mar Tejado

2. Registration: Engr. Elizabeth Beltran, Michelle Revillosa, Belinda Dela Cruz, Elenie Nicomedes, Susana Nacario, and Rogel Banal
3. Ushers: Engr. Mark Anthony Abendan, Emilio Manalo, Rolan Nevado, and Alnovar Abubakar
4. Tarpaulin: Engr. Rolan Nevado
5. Flags (Qatar & Philippines) & PICE Banner: Engr. Alfonso Betita
6. Laptops: Engr. Loraine Radan, Roy Banal, Aushford Acera, Sheila Medel, and Helario Amoguis
7. Raffle Prizes: Engr. Newcesar Templonuevo

The registration will start from 9:00 am up to 10:30 am, and the program is divided into two parts. Part 1 (10:30 am to 1:00 pm) is the formal opening of the program, with ads and

technical presentations of the three major sponsors (KEACADD, Megaworld International, Phirst Park Home), and an Inspirational Message by Hon. David Des Dicang - Labor Attaché to Doha. While the second part (1:30 pm to 3:00 pm) consists of the Oath-Taking of New PICE Qatar Members, Awarding of Certificates to New Life Members & Specialists, Recognition of 2018 Committee Members, Exaugural Message by Engr. Aileen Buenaflor - Immediate Past President, introduction and induction of the 2019 Officers and Board of Directors to be led by the PICE Qatar Founding President Engr. Roy Baquiran who will act as the induction officer, Oath-Taking of 2019 Committees Members, and inaugural message by Engr. Helario Amoguis- President-Elect.

The general membership together with their families and friends are encouraged to attend and witness the Oath-Taking of 2019 Officers and BOD's as we wish them all the best of luck to take the lead for PICE Qatar into another level of success for 2019.

*You are cordially invited to witness the.....*

PHILIPPINE INSTITUTE OF CIVIL ENGINEERS  
**QATAR CHAPTER**  
 INTERNATIONAL CHARTER NO. I-03

**INDUCTION**  
**OF 2019 BOARD OF DIRECTORS**  
*Recognition of Committee Members & Oath-taking of New Members*

**Theme:** "Civil Engineers at the Forefront of a Progressive and Challenging World"

Registration: 8:00AM to 9:00AM  
 Program Proper: 9:00AM to 3:00PM  
 February 8, 2019 (Friday) at Oryx Rotana Doha, Old Airport Road, Doha, State of Qatar  
 Ticket Price: 150 QAR

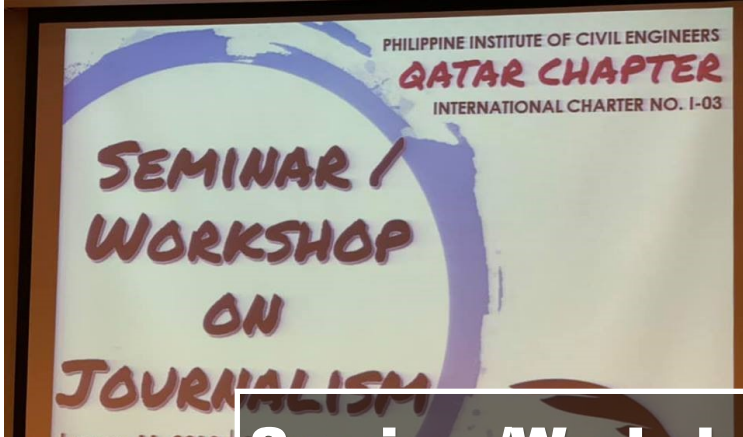
You can avail and pay the tickets every Sundays at Big Diners Al Mansoura, Wednesdays at FCC Al Thumama, and Fridays at Oryx Rotana.



# PICE QATAR EVENTS & FACES



**PICE Qatar Chapter and PSD Signing of MOA/MOU**



**Seminar/Workshop on Journalism**





# PICE QATAR EVENTS & FACES



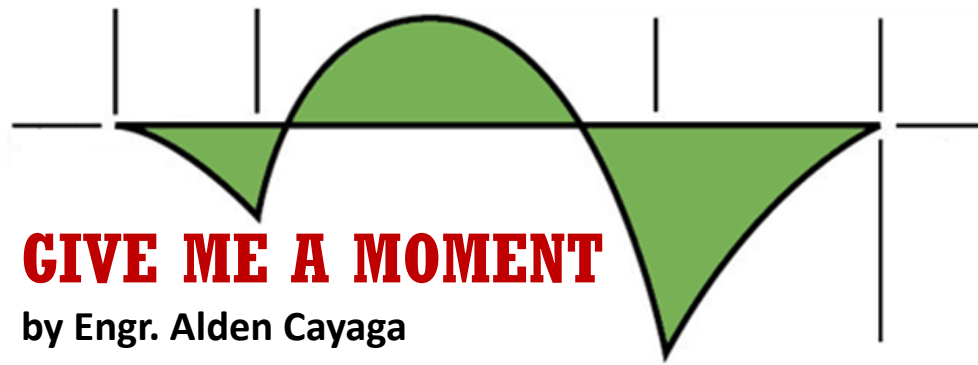
## PICE Qatar 1st EXECOMM Meeting



## PICE Qatar Regular Sunday and Wednesday Meet-up







## GIVE ME A MOMENT

by Engr. Alden Cayaga

**M**any times we ask ourselves - how much of our college education is actually used in the real world? I often come across this situation in my head if I discover a new solution to the structural problems I encounter in my day-to-day work at the office. It is quite rewarding if you can find a simple explanation to answer some rather complex problems.

Actually, there are a lot of small things which we normally ignore but is somehow, and subconsciously, is a part of our perceived knowledge that we apply in our daily lives.

Our education, roughly 15+ years if you are an engineering student, has led us to a very broad spectrum of information. We use the English language when doing reports and communicating with colleagues at work. We use Physics every time we drive our cars. Economics when doing the budgetary allowance for the month. Geometry when doing CAD work... Chemistry when cooking... Social Studies when interacting with people... and the list goes on.

In this article, I would like to narrow it down to our field in Civil Engineering. I have here my own version of **10 useful equations and theorems in Civil Engineering with real-world application.**

### (1) Average

Actually, there are different types of averages. The one which we are most often familiar with is the Arithmetic Mean where we add up all the numbers then divide them by how many numbers there are in the set. A great example is taking the average of the dimensions of a cube sample to be tested for compressive strength.

But this is not always the case. There are actually 3 types of

average - median, mode and mean. And usually, they do not always match values. The median is literally the middle value from a given set while the mode takes into account the most common result. That is why we need to use the different averages in different situations depending on what you want to achieve in the calculation.

### (2) Linear Interpolation

Wikipedia describes linear interpolation as a method of curve fitting using linear polynomials to construct new data points within the range of a discrete set of known data points.

To explain it simply, it is a form of approximation and is a way to fill in the "holes" in a given table.

The general formula for linear interpolation is:

$$\frac{y - y_0}{x - x_0} = \frac{y_1 - y_0}{x_1 - x_0}$$

One example is in ASCE 7-10 where linear interpolation is used to establish the coefficient  $C_p$  when doing wind pressure calculation for a roof angle of  $18.4^\circ$  which is in between the given values of  $15^\circ$  and  $20^\circ$ .

Just be sure that the series of values you have are behaving linearly. Otherwise, you may end up using the wrong value which is not part of a straight line.

#### Roof Pressure Coefficient for Wind Normal to Ridge

Surface	$15^\circ$	$18.4^\circ$	$20^\circ$
Windward roof	-0.5	<b>-0.36</b>	-0.3
	0.0	<b>0.14</b>	0.2
Leeward roof	-0.5	<b>-0.57</b>	-0.6

Note: Bold indicates linear interpolation.

## A List of 10 Useful Equations and Theorems in Civil Engineering with real-world application

### (3) Pythagorean Theorem

This is practically old and around 2000 years ago in fact. An amazing discovery about triangles was made by Pythagoras. When a triangle has a right angle ( $90^\circ$ ) and squares are made on each of the 3 sides, then the biggest square has the exact same area as the other 2 squares put together.

This can be written in one short equation:  $a^2 + b^2 = c^2$

A practical example is when calculating the maximum shear force on a base plate by taking the resultant of the component forces in the X and Y directions. The calculated resultant shear force is then divided by the number of bolts to get the design shear force per bolt.

### (4) SOH-CAH-TOA

This is a relatively easy way of remembering how to compute the sine, cosine, and tangent of a given angle.

- SOH stands for Sine equals Opposite over the Hypotenuse
- CAH stands for Cosine equals Adjacent over the Hypotenuse; while
- TOA stands for Tangent equals Opposite over the Adjacent

Getting the horizontal and vertical components of the force of a tension rod is one application of this geometric mnemonic.



## (5) Force = m\*a

This equation is one of the most useful in classical physics and is a concise statement of Isaac Newton's Second Law of Motion.

In engineering designs and calculations, we always multiply the mass of an object with the acceleration due to gravity,  $g=9.81\text{m/s}^2$ . Take note that this equation is only valid to be used on Earth. This applies to all of Newton's Laws of Motion where we need to take a fixed point of orientation in order to define acceleration. Thus, a force of 1N causes a 1 kg mass to accelerate at  $1\text{ ms}^{-2}$ .

## (6) Stress, $\sigma=P/A$

Stress, as the formula goes, is the average force applied per unit area of a particular body. Most common stresses that we encounter (aside from the workload we have at work) are: tensile stresses, compressive stresses, shear stresses, and torsional stresses.

Basic use of the stress formula is getting the size of a footing where we divide the service load of the footing by the allowable bearing pressure to get the area of the footing. Although, the actual distribution of the soil is not really uniform but depends on many factors. This is, however, a good approximation for the sizing of foundation elements.

## (7) Lateral Earth Pressure Coefficients

We have the following formulas for calculating the different lateral earth pressure coefficients:

$K_a = (1 - \sin \Phi)/(1 + \sin \Phi)$  for active earth pressures

$K_p = (1 + \sin \Phi)/(1 - \sin \Phi)$  for passive earth pressures

$K_o = 1 - \sin \Phi$  for at-rest earth pressures

where  $\Phi$  = angle of internal friction of the soil (degrees)

These formulas are particularly useful when designing underground structures like piles, shoring systems, retaining walls and utility tunnels.

## (8) Simple Beam Formulas

Of all the types of beams, the simple beam is most commonly used in beam analysis. Shown below is a set of simple beam formulas for rectangular section properties.

### ♦ Shear Calculation

- $wl/2$  (uniform load)
- $PL/2$  (point load at center)

### ♦ Bending Moment

- $wl^2/8$  (uniform load)
- $PL/4$  (point load at center)

### ♦ Deflection Calculation

- $\delta = 5wl^4/(384EI)$  for max deflection of uniformly loaded simple span beams
- $Pl^3/48EI$  for point load deflection on simple spans

### ♦ Moment of Inertia

$I = bh^3/12 + Ad^2$  (the parallel axis theorem)

### ♦ Section Modulus, $S = bd^2/6$ and Plastic Modulus, $Z = bd^2/4$

### ♦ Moment Capacity, $M = S*fb$ for elastic capacity and $M = Z*fu$ for plastic capacity

There are also other beam design formulas available. Having multiple forces and with different configurations is expected especially for complex structures.

## (9) Stability Safety Factors

The overturning safety factors are based on the sum of the resisting or stabilizing moments divided by the sum of overturning moments. Majority of codes specify that this factor is greater than 1.5 considering only the service loads applied to the structure.

$$FS_{\text{ovt}} = (\text{Resisting Moment} / \text{Overturning Moment}) \geq 1.5$$

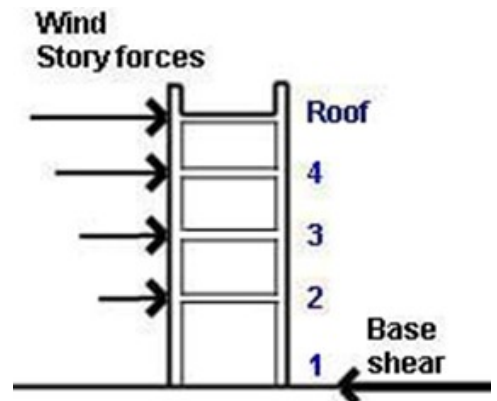
On the other hand, the factor against flotation or buoyancy can be established from the following calculation:

$$FS_{\text{buoy}} = (\text{Downward Forces} / \text{Upward or Hydrostatic Forces}) \geq 1.1$$

Stability calculation for overturning is commonly prepared for retaining walls while underground tanks and tunnels must be verified to be stable in flotation.

## (10) Newton's Third Law

Although this law generally describes bodies in motion, we can also apply this principle in the design of structures. Remember in our undergraduate studies, where we were required to draw the free-body diagram of the design problem including all the acting forces? We always consider the equilibrium of forces to ensure that our structures are stable.



By applying this principle, we can calculate the resulting reaction forces like the equivalent base shear due to lateral seismic and wind loads.

How many of you can relate to my list? I do understand that not all of us are exposed to using these equations and theorems in their day-to-day work. However, I am sure that you also have your own collection which is in its very sense kind of cool that we somehow managed to retain a bit from our undergrad studies.



**Alden Cayaga** is a civil-structural engineer by profession. He is secretly an introvert, a former real-time strategy games enthusiast, and a graphics designer wannabe.

He would like to make this column a personal notepad for some odds and ends, tutorials and other tips or DIY projects which he hopes others will find interesting and useful.

# FINANCIAL LITERACY

Felipe Catinoy

## IMPORTANCE OF SETTING FINANCIAL GOALS FOR OFWS

### Financial



**O**FWs should always remember the basic reason why we decide to work overseas is because of better wages as compared to that in the Philippines. Thus, providing an opportunity to help our families back home. Despite this, are we prepared and financially literate when it comes to improving our finances?

Referring to the Business Insider's article about the 29 richest countries in the world on May 22, 2018 - Qatar ranked the number one spot. We, the OFWs herein working should value our time spent in order to have set up our goals for the fact that recession come and go.

of those who return to the Philippines have no savings. In an article at GMA News Online, one out of ten OFWs are financially broke. Really this is not shocking since many OFWs have only a slight interest in proper financial management. In fact, instead of planning for long-term, our expenditure behavior is only tending for the present.

First and foremost, we should engage ourselves in educating on how to handle our income and finances properly. Any amount we are earning doesn't matter, what matters most is our attitude towards it on spending, saving and investing.



According to the book, *Personal Finance in Singapore* by Tan Chwee Huat, the financial activities or goals at different stages of a person's life, from being single to having a family are as follows:

#### Young, single (Ages 18-30)

- Established financial

independence

- Training for career advancement

#### Young couple with no children

- Setting up a home
- Spending on durables
- Frequent vacation trips

#### Couple with young children and elderly dependents

- Children's education (kindergarten, tuition fees)
- Health insurance for family members
- Holiday trips for family
- Owning a family car

#### Couple with teenage children

- More household expenses
- Saving for university education
- Children tuition fees, books

#### Older couple with no dependent children

- Review financial resources
- Plan retirement housing, recreation
- Reduced regular income
- Plan estate

For us OFWs, we should save as much as we can. Add our income and subtract unnecessary expenses. Let's keep on eye on the following important steps in reaching our goals:

1. Increase Cashflow
2. Ensure Proper Protection
3. Eliminate/Manage Debt
4. Create an Emergency Fund
5. Build Long Term Assets
6. Preserve Estate

Go reach for our goals fellow Civil Engineers!



According to a 2011 study by Social Enterprise Development Partnerships Inc., eight out of ten



# PICE QATAR UPDATE

## Call for Technical Articles (for 12 Regular Issues)

- \* This collaborative work aims to gather technical articles from our fellow Civil Engineers enabling to share their knowledge and expertise gained through extensive years of practice for the benefit of the civil engineering professionals and PICE Qatar general membership.
- \* The technical articles will be published in the official publication of the PICE Qatar Chapter, the "PICE Qatar Newsletter" which has 12 Regular Issues (one issue per calendar month) and 3 Special Issues (Induction Ceremony on February 8, 2019, 12th Foundation Day on May 25, 2019, and 13th General Assembly on November 29, 2019).

## Advantages of Technical Article Writing

- \* This will give an additional avenue for the author/s to expound their skills on technical writing and later on can be used as an abstract for seminars / conferences<sup>1</sup>.
- \* A cost-efficient and practical way to gain Continuing Professional Development (CPD) units in which is a requirement for the renewal of PRC License as self-directed and advanced level engineer application and registration<sup>2</sup>

(APEC, ACPE, and ASEAN).

(See CPD Matrix at the page bottom).

*Disclaimer: The matrix provided is only for information of the maximum units the applicants may earn and due to its nature of self-directed application, PICE Qatar Chapter and the Committee on Publications and Information (COPI) does not guarantee any approval of the CPD credit units. Application procedures and final approval of CPD units for this application are solely on the discretion of the CPD Council.*

*However, above all this will be a great opportunity for the author/s to be featured on the Most Outstanding Newsletter for 2017 and 2018 as recognized by the PICE National.*

## Technical Article Submission

- \* Eligibility of the author/s: An active PICE Qatar Chapter Member (membership dues must be updated)
- \* For submission, please be reminded of the following:
  - ⇒ Submission deadline will be on the 30th day of the current month.
  - ⇒ Articles must be submitted in MSWord/MSPublisher and PDF file format (with author/s signature) and should be accompanied by the author's latest PRC ID and other supporting credentials (such as specialist certifications, etc.) to piceqatarnewsletter

@yahoogroups.com. Please indicate your PICE Qatar Membership number on the e-mail upon submission.

- ⇒ Technical articles should fit within the allotted 2-pages of the newsletter's technical section. A template copy will be provided in the PICE Qatar Yahoo Groups email.
- ⇒ Author/s shall be given ONLY a maximum of 2 issues for their article to be published (Part 1 & Part 2).
- ⇒ Please take note that the submission of an article does not constitute official acceptance for publication. While we feel particularly responsible for articles we have solicited, we cannot guarantee in advance that an article will be published.

*Disclaimer: The editors of PICE Qatar Newsletter reserve the right to edit submitted technical article manuscripts as necessary, including for clarity, conciseness, style, and length. Any major editorial revisions affecting the substance of a technical article will be cleared with the author/s before the manuscript is submitted for production. The author/s, however, are solely responsible for the accuracy and completeness of the contents.*

*The editors of PICE Qatar Newsletter also reserve the right to refuse to publish any article where its publication creates legal liability, or where circumstances come to light that was not known to the PICE Qatar Newsletter Staffs, including prior publication, conflict of interest, manifest error, etc.*

### Matrix of CPD

Activity	Documents to be submitted in support to the application	Credit Units (CU)
<b>3. SELF-DIRECTED (Training offered by Non-Accredited CPD Providers, Face-to-face/On line)</b>		
3.10 Article in Magazine or newspaper	Proof of publication of article	Maximum of 5 CU per article, for multiple authors, divide CU equally among them

Source: Professional Regulatory Board of Civil Engineering, Resolution No. 07, Series of 2017

[1] and [2] See Appendix E, Item 7 of Competency Standards Handbook for APEC Engineer

# NOW PHILIPPINES

Luisito Carlos

## A Visit at PRC's International Affairs Office

On 21 January 2019, during my visit to PRC's International Affairs Office at Philippine International Convention Center (PICC) where the issued certificates during the APEC Engineer Conferment ceremony on 26 January 2018 at the New World Hotel in Manila was requested by the Commission on Higher Education (CHED) to pull out for signature of Former Chairperson Patricia P. Licuanan, I had this opportunity to speak to Ms. Marie Cecille P. Fernando not knowing that she is the OIC of the Qualification Recognition Division under the International Affairs Office (formerly International Affairs Division). During our very short meeting, we were able to discuss a few concerns regarding ACPE ID renewal and the possibility of having an APEC ID as well as follows:



The International Affairs Office has three (3) divisions as follows:

1. **International Commitments Negotiation Division** headed by Lord Louis P. Valera.
2. **International Development Division** headed by Michelle Loise C. Saquido.
3. **Qualification Recognition Division** headed by OIC Marie Cecille P. Fernando. The ACPE and APEC Secretariat are under this division.

**International Affairs Office** is headed by OIC Director Lord Louis P. Valera.

The above office, under QRD, is the ACPE and APEC Secretariat (PRC) handling the processes of submitted applications until up to the conferment of successful applicants and most probably including ID renewals as well.

The following civil engineers are scheduled for ACPE panel interview on 15 February 2019 at PRC – PICC, D 301, 3F Delegation Building, PICC Complex, Vicente

Sotto St., Pasay City, Metro Manila from 9:30 AM to 2:00 PM.

1. Engr. Alvin E. Alejandro
2. **Engr. Alnovar S. Abubakar**
3. **Engr. Terence G. Dizon**
4. **Engr. Emmanuel German V. Boceta**
5. Engr. Gamaliel B. Vicente Jr.
6. Engr. Romualdo Lex S. Garcia
7. **Engr. Dario Gaudencio P. Lagamon**
8. Engr. Edward Nell C. Landicho
9. **Engr. Frederick E. Fuentespina**

Granting my recollection is correct, five (5) from PICE Qatar were included in the list.

Likewise, other engineering disciplines were also scheduled for the panel interview as follows:

1. Electrical Engineering – 8 Feb 2019 with 14 interviewees from 9:30 AM to 5:00 PM.
2. Mechanical Engineering – 13 Feb 2019 with 17 interviewees from 09:30 AM to 5:00 PM.
3. Electronics Engineering – 15 Feb 2019 with 5 interviewees from 2:00 PM to 5:00 PM.

Source/s:

PRC website:  
<https://www.prc.gov.ph>.  
 International Affairs Office update via email dated 21 Jan 2019.  
 Author's Personal Accounts.

## Committee on PICE Qatar Affairs (COPA) CALENDAR OF ACTIVITIES 2019

NO.	Proposed Date	Activity	Remarks/Location
1	12.02.2019	Qatar National Sports Day Fun Run	Wakrah Sports Club
2	08.03.2019	Beach Clean Up Drive in coordination with Ministry of Municipality and Environment	Wakrah Family Beach
3	21.03.2019	1st POLO-OWWA Outreach Program for Distressed OFW's	POLO-OWWA Shelter
4	14.06.2019	PICE-Qatar involvement in Philippine National Independence Day Celebrations	TBA
5	20.06.2019	2nd POLO-OWWA Outreach Program for Distressed OFW's	POLO-OWWA Shelter
6	26.07.2019	Blood Donation Campaign in coordination with HMC, PNAQ and FMAQ	Hamad Medical Center, Blood Donation Unit
7	19.09.2019	3rd POLO-OWWA Outreach Program for Distressed OFW's	POLO-OWWA Shelter
8	15.11.2019	Tree Planting Activity & Environmental Awareness Campaign in coordination with QBG-QF	TBA
9	19.12.2019	4th POLO-OWWA Outreach Program for Distressed OFW's	POLO-OWWA Shelter



# NOW PHILIPPINES

Luisito Carlos

## Induction of 2019 National Board of Directors



### 2019 NATIONAL BOARD OF DIRECTORS

 ROBERT S. LICUP, Ph.D. President	 ERDSAN RENE S. SUERO 1 <sup>st</sup> Vice President	 APRIL FRANCES AGATHA G. FLORES 2 <sup>nd</sup> Vice President	 ALBERT A. PERFECTO Secretary	 ANTONIO V. MOLANO, JR. Treasurer
 RONNEL M. TAN Business Manager	 PETER PAUL P. DY, JR. P.R.O.	 REYNALDO G. TAGUDANDO Auditor	 MEDEL F. CHUA Director	 BERNARDO C. DE GUZMAN Director
 CLEMENTE A. IBO Director	 FREDERICK FRANCIS M. SISON Director	 MARK JEROME P. TIONGSON Director	 FRANCIS ALDRINE A. UY, Ph.D. Director	 MARIA CATALINA E. CABRAL, Ph.D. Immediate Past President

### Secretary:

Albert A. Perfecto

### Treasurer:

Antonio V. Molano Jr.

### Business Manager:

Ronnel M. Tan

### Press Relations Officer:

Peter Paul P. Dy Jr.

### Auditor:

Reynaldo G. Tagudando

### Directors:

Medel F. Chua

Bernardo C. De Guzman

Evelyn M. Hatulan

Clemente A. Ibo

Frederick Francis M. Sison

Mark Jerome P. Tiongson

Francis Aldrine A. Uy

### Immediate Past President:

Maria Catalina E. Cabral

**I**nduction of 2019 Philippine Institute of Civil Engineers, Inc. National Board of Directors was held on 16 January 2019 at Diamond Hotel along Roxas Boulevard in Malate, Manila.

The event was attended by Hon. Yolanda D. Reyes, Commissioner, Professional Regulation Commission (PRC) and served as the Inducting Officer and Guest of Honor.

Officers and Directors inducted were as follows:

### President:

Robert S. Licup

### 1st Vice President:

Erdsan Rene S. Suero

### 2nd Vice President:

April Frances Agatha G. Flores

## PICE Midyear National Convention and Technical Conference

**P**hilippine Institute of Civil Engineers, Inc. will also hold its **2019 Midyear National Convention and Technical Conference** on **13-15 June 2019** at the **SMX Convention Center, SM Lanang Premier, Davao City** with the Theme: **"Competency Advancement Towards CE 4.0"**.

In line with the above event, interested parties are invited to submit abstracts related to the conference theme from any of the six specialty divisions of PICE.

See the announcement for further reference and information.

Source/s:

PICE website:

<https://www.pice.org.ph>

FB post of Francis Aldrine Uy (PICE National Director) dated 16 Jan 2019.



### PHILIPPINE INSTITUTE OF CIVIL ENGINEERS, INC.

## 2019 Midyear National Convention and Technical Conference

### 1st ANNOUNCEMENT AND CALL FOR PAPERS

The Philippine Institute of Civil Engineers, Inc. will hold its **2019 Midyear National Convention and Technical Conference** on **13-15 June 2019** at the **SMX Convention Center, SM Lanang Premier, Davao City** with the Theme: **"Competency Advancement Towards CE 4.0"**.

### CALL FOR PAPERS

Interested parties are invited to submit abstracts related to the Conference Theme from any of the following Main Topics under the Six (6) Specialty Divisions of PICE:

- Project Management and Construction Engineering
- Geotechnical Engineering
- Structural Engineering
- Transportation Engineering
- Water Engineering
- Environmental and Energy Engineering

**Other Topics:**

- Disaster Reduction and Recovery
- Research and Development
- Environment & Energy Engineering
- Infrastructure Development
- Professional Issues
- Codes
- Legislations / Legal Issues
- Regulation of the Profession
- Practice of Foreign Civil Engineers
- Ethics
- General Civil Engineering
- Civil Engineering Education
- Leadership and Business Management
- Information Technology and E-Commerce
- International Cooperation in Civil Engineering
- Sustainable Development
- Mega Projects
- Role of Civil Engineers in Community Development

Abstracts must be contained in one page, discussing the paper's objectives, major points, methodology and conclusion and explaining its significance to the Conference. Paper title, copy of PICE ID and complete contact information about the Author should be included. Abstracts must be submitted not later than **15 March 2019** addressed to the Inter-Specialty Group by e-mail to [spicet@pice.org.ph](mailto:spicet@pice.org.ph) or on attachment in MS Word.

Authors of selected abstracts will be notified in writing by **17 April 2019** and will receive the guidelines for manuscript preparation and submission of the final version in print-ready format. Full Papers must be submitted not later than **27 May 2019**.

Only PICE Members in Good Standing may be allowed to be Speakers of Civil Engineering Topics in the PICE Conference.

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# OUTSIDE HITTER

Russel Flores

## A Fine New Beginning

"A rose by any other name would smell as sweet" by William Shakespeare.

Last year, your sports column started with "GAMEBOY" and developed in "Xbox". These name change did not only came out as a whim but connoted by development as a writer. To continue my journey, I have to bid my farewell to the gaming world and somewhat completed my full-circle.

We would have noticed by now that the year started with a busy calendar of activities in our sporting world. Calls to

participate in several sports were constantly posted in our PICEQ Viber groups – badminton, chess, tennis, basketball, and bowling. Members were encouraged to stretch out and be "stress out" (actually they meant to say – relax). We now have a wide array of activities to choose from and get involved in fun-filled activities.

The build-up to the Foundation Day through these sporting events can be a double-edged sword. Currently, Thursdays are set for the badminton events and soon, the bowling tournament will be played on the same night. The tennis events are played during Mondays which may coincide with practice sessions of the teams playing in the ICBL. Add to that the wood pushers and we have a busy week of sporting activities.

I have been a part of ICBL tournament as commissioner or table official for a couple years and I have been a witness to the effects of the Friday games to the organization activities. Participating in the games really relaxes the mind, albeit taxing on the body. Playing competitively at night and reporting to work early the next morning can take its toll as the body needs time also to rest.

Having said that, I have to commend the dedicated sports organizers in coming up with activities for all enthusiasts. Let's all have fun and let the games begin.

As the ball is set, let's hit it but remember – **sports lang dapat!**

## PICE QATAR NEWSLETTER'S MAN OF THE MONTH

### Who the HEL-AR-IO [is]?

#### The President: Engr. Helario Amoguis

by John Cromwell Esclanda



"It's not in my wild dreams na maging leader sa chapter ... in most cases nasa gilid lang ako, hindi ako yung frontline." – Engr. Helario Amoguis

In the concluded general assembly and election of the board of directors held on November 30, 2018 at City Centre Rotana, Doha, Qatar, Engr. Helario S. Amoguis has been elected as the PICE Qatar Chapter President for the year 2019.

In the past years, Engr. Amoguis had been part of the PICE Qatar Chapter Board of Directors. He had served as

chairman in different committees as follows: Honors (2009), Special Professional Licensure Board Examination Qatar (2010), Committee on Honors and Special Licensure Examinations (2011, 2012, & 2013), Committee on Ways and Means (2014 & 2015). He became the Treasurer in the year 2016.

Engr. Amoguis is a licensed Civil Engineer with over 18 years of experience in various works involving supervision and project management, quantity surveying, structural design and construction of scaffolding/false works, monitoring/planning and teaching.

To know more about our President, the question "How would you describe Engr. Helario S. Amoguis?" has been asked to some of the PICE Qatar Chapter members and here are their responses:

"President Larry is a very likable person with a free-spirited outlook. His approach on complicated issues focuses on a practical solution." – Engr. Russel Flores, BOD 2018

"He's the man that you can count on in any way he can. Humble in a way that he will not rely on what he ought to do but to ask someone's opinion in a matter of urgency to help him decide for the good of PICE Qatar Family." – Engr. Roy L. Baquiran, Founding President

"Engr. Helario is a person who is direct to the point means he doesn't want to make things complicated." – Engr.

Aileen Abejero-Buenafior, Immediate Past President

"Matulungin sya especially sa mga reviewee ... tapos joker [palabiro] sya. May guts at di natatakot humarap sa public." – Engr. Alfonso Betita, BOD 2019

Based on his service records in PICE Qatar with the supporting testimonials from our trusted fellow chapter members, there's no doubt that President Amoguis deserves to be in the front line of an esteemed professional organization.

Disclaimer: Let me thank Engr. Arnel Punzalan for giving a unique and positive meaning to "Who the HEL-AR-IO [hell are you]?"

FILL IN THE CODE

by Alden P. Cayaga

## THE KEYS TO HAPPINESS



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OF CIVIL ENGINEERS  
QATAR CHAPTER**

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