



T.O.P

Engineering Consultants

Company Profile



Technically **O**utstanding **P**rofessionals



T.O.P engineering consultants



*** Consultancy Services**

*** Quality Assurance & Quality Control**

*** Design & Estimate**



Technically **O**utstanding **P**rofessionals



T.O.P engineering consultants



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Technically **O**utstanding **P**rofessionals



Objectives

- ~ To use the talented ability of retired Senior Engineers in the Upgrading Processes of the Country.
- ~ To develop the Quality Standard of the Construction Industry.
- ~ To enhance the Warranty of Qualified Buildings for the end users
- ~ To grow the Capacity Building Natures to the new young engineers
- ~ To mentor the Engineering Environment with keen interest in Engineering Principles
- ~ To build the Exceptionally Qualified Structures for the Country



VISION

- (1) To be a Leading QA/QC cum Consultations firm with Excellent Services, Sound Technical Competence, Trusted by all Parties Involved, so as to fulfill the Primary objectives of every Development Projects Such as
 - (a) Completion on time/ Schedules
 - (b) Compliance with Deign & Technical Specifications &
 - (c) Within the Allocated/ Estimated Budgets

MISSION

- (1) To tap the vast Experiences and outstanding Qualifications of a group of Retired senior Engineers in Respective fields and pass down/ impart their Knowledge/ Skills to young/ new Engineers through practical execution/ on the JOB training.
- (2) To continuously recruit good & competent Engineers for Expansion & Succession Plan.
- (3) To Collaborate with Relevant organizations & institutions so that we could provide reliable & up to date services to our clients.
- (4) To Seek co. operation by ways of Affiliation/ Association with established/ internationally Recognized firms, in order to Upgrade our Marketability & Compete with firms from Neighboring Countries.
- (5) To make awareness of the importance of QA/QC Aspects in major Development Projects to all Parties involved in Construction Related Industries, as more & more Development Projects are in the pipe lines, From both Domestic and foreign owns investors.



Company Establishment

❖ Salient Reasons Behind The Formation of The Company

- Prior to the commencement of major Construction Project, the client usually employs an Engineering Consultant to explore into such matters as Preliminary Survey and Feasibility Study followed by Design Planning and Work Programming.
- Cost Estimation, Evaluation and Financial Analysis of the Project are thoroughly scrutinized and reviewed.
The Project is decided after careful considerations of various aspects of the Project Works.
- During the implementation of the Project, the client wants his Project to be carried out in accordance with the Project Design and Specifications.
Here, the Role of the Construction Project Supervisors comes in .
- The Construction Project Supervisors will protect the interests of the client by supervising and controlling the Project Construction Works so that the quality of each work complied and confirmed with the Project Work Specifications.
- The Project Work Supervisors will check and reject any work that does not meet the Quality Standards of the Project and will demand rectification of the inferior work.
- This is the basis of the Role of the Engineering Project Supervisors i.e, Quality Assurance, Quality Control.
- That is, the Engineering Supervisors will protect the interests of the Client, so that Time & Money are not wasted and have the Engineering Construction Project realized in time and in accordance with the Project Works Design Specifications



- In order to fill the Role of the Engineering Project Works Supervisors, knowledgeable and experienced personals are required.
- It is ideal for the talented senior retired engineers who have accumulated years of experience and are well qualified in various engineering disciplines to take up the task.
- It is also required for the Engineering Works Supervising Service to follow the International norms so as to be compatible with the International Engineering Works Supervising Firms.
- At the present moment, it is fortunate that our Nation has a Group or Firm capable of catering Engineering Consturction Project Supervising services on the International stage.
- It is also a coincidence that a grouping of mainly retired senior engineers of Public Works of the Ministry of Construction with multiengineering disciplinary pool of knowledge exists and is readily at hand; eager and willing to shoulder the cause of National Development.
- Hence, this Engineering Consultants International Company was officially founded in October, 2008.

Origin of T.O.P



The Title of the company signifies the Talented Outstanding Professionals - well qualified senior retired Engineers from Public Works of the Ministry of Construction also embracing the objectives to be Technically Competent and Outstanding in Performance in their Engineering endeavours.

Hence, T.O.P Engineering Consultants International Company Limited Title was selected.

It is also the company's policy to co-operate with International Engineering Organizations sharing the same common goals.

T.O.P has been privileged to have received the kind support and backing from the Public Works of the Ministry of Construction and pleased to announce that Company Office is originated opened at No.60(A), Shwedagon Pagoda Road, Dagon Township, Yangon. Now the Company moved to No.90, 32nd street, Pabadan Township, Yanton



❖ The Scope of the Company

T.O.P Engineering Consultants International Company Limited has capability to perform its own works, or perform it in co-operation with any National or International Agencies as well as in the form of joint Venture Enterprise of the followings:-

(A) CONSULTANCY SERVICES

1. Agency Works
2. Expert consultancy services
3. Works consultancy
4. Administration consultancy
5. Advisory services.

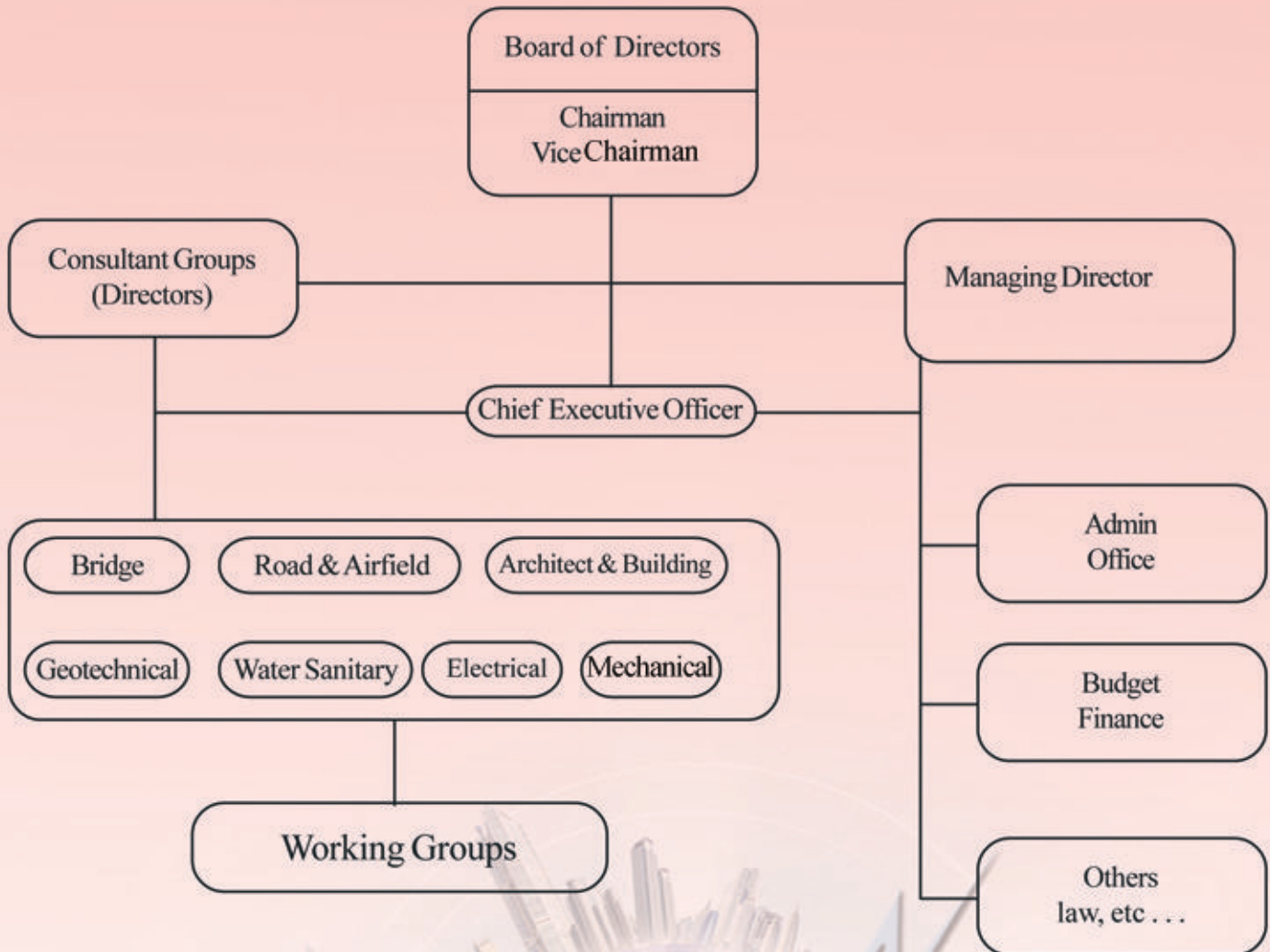
(B) QUALITY ASSURANCE & QUALITY CONTROL

1. Quality assurance for civil construction works
2. Quality control works
3. Testing of construction materials
4. Inspection and testing of structure
5. Works inspection / Works supervision

(C) DESIGN & ESTIMATE

1. Preliminary survey
2. Feasibility study
3. Design planning
4. Foundation design
5. Cost estimation and financial analysis works
6. Architectural design and planning
7. Electrical and electronic installation works etc.
8. Solving foundation problems due to adverse soil conditions.

Organization Set-up



The Following is the list of Companies Associated and Affiliated to TOP Engineering Consultants International Co.,Ltd.

- (1) SKA Soil Investigation Company**
- (2) UNO Consultant Geotechnical Engineering Group**
- (3) Aung Zeya Bored-Pile Foundation Company**
- (4) Zeyar Phone Myint & Panthadin Construction Co.,Ltd.**
- (5) Myayarpin Engineering and Trading Co.,Ltd.**
- (6) Waterworks Engineering Group Co.,Ltd.**
- (7) Great Chance Co., Ltd.**
- (8) New Light Construction Group Co., Ltd.**

The Participation of T.O.P Company in the Construction of Cyclone Shelter Structure in the Nagis Tropical Cyclone Devastated region.

- 1. Soil Investigation**
- 2. Quality Control for Construction Works**
 - (a) Materials for Cement Concrete**
 - (b) Construction Water (Sources & Quality)**
 - (c) Concrete Strength**
 - (d) Reinforced Concrete works**
- 3. Quality Checking**
 - (a) Bored-Pile testing by SIT method (Sonic Integrity Testing)**
 - (b) Re-bar Checking by Re-bar detector Equipment**
 - (c) Concrete Strength Checking by Testing equipment**
- 4. Technical Report**
 - **Soil Sampling**
 - **Standard Penetration Test (S.P.T) at every 1.5 m depth.**
 - **Soil Classification (Grain Size Distribution, Atterberg's Limits and Specific gravity),**
 - **Direct Shear Test (Selected Samples),**
 - **Location of Ground Water Table,**
 - **Chemical Tests on Water Samples,**
 - **Investigation of Liquefaction Potential,**
 - **Suggestion for Foundation including Environmental Study**
 - **Bearing Capacity Check Test (Optional)**

Field and Laboratory Tests and Investigations will be made in accordance with the procedures specified in British Standard Method of Test for Civil Engineering purpose (B.S. 1377-1975) and British Standard Code of Practice for Site Investigation (B.S. 5930-1981) respectively.



❖ The Formation & Assignment of Directors

The founding members of T.O.P Engineering Consultants International Company Limited started the capital Investment-each individual member contributing 100 shares each as initial paid up capital investment became the first executive Directors and were assigned the respective duties as follows:-

- | | | |
|---------------------|---|-------------------|
| 1. U Nay Soe Naing | - | Chairman |
| 2. U Han Zaw | - | Vice Chairman |
| 3. U Khin Maung Sai | - | Managing Director |
| 4. U Ba Shwe | - | Director |
| 5. U Khin Maung Aye | - | Director |
| 6. U Khin Maung Oo | - | Director |
| 7. U Sann Lwin | - | Director |
| 8. U Kyaw Tint | - | Director |
| 9. U Kyaw Htay | - | Director |

Apart from the above assigned duties, other Director positions will be extended eventually and assigned to head separate Branch Section of the Company.

BOARD OF DIRECTORS



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1 U NE SOE NAING (CHAIRMAN)

A retired Engineer, with 38 Years services in public works Department, ministry of Construction. He served as Managing Director before retiring. He acquired his M.Sc (London) and D.I.C (London) both in 1979. He was also past Vice President of Myanmar Engineer Society (MES).

2 U HAN ZAW (VICE CHAIRMAN)

A Retired Managing Director of public works Department, Ministry of Construction with 38 years of outstanding services. He was awarded M.Sc (Moscow) in 1969. His principal experience is in Bridge Design and Construction.

3 U KYAW HTAY (Director)

He had served 36 years at public works dept ministry of constriction in various positions. Among them as a superintending engineer at Roads Air field Design office for 20 years. He was a Project Engineer "BARSAT" project, an Australia Girt aided project and with SMEC (Snowy Mountain Engineering Corporation for about 5 year. He acquired his M.SC degree from U.S.A 1990.

4 U BA SHWE (DIRECTOR)

Having served 45 Year in total in various positions starting as an Assistant Engineer (water & Sanitation) in 1961, to Deputy Chief Engineer, before Retairing in 1999. He extended his services as Adviser to public works dept. Ministry of construction for another 7 year (1999 . 2006). He was a Deputy M.D of C.P.W Co., Ltd. (Public work dept/ Japan J.V co., Ltd & Project Manager of U.N.D.P Town plan water supply project. After graduated with B.Sc Engg; in 1960, he acquired A.S.T.E.F (France in 1967 & Dip W.W (UK) in 1987).

5 U KHIN MAUNG AYE (DIRECTOR)

He is also the Chairman of Aung Zeya Bored Pile Foundation Co., Ltd. He had served at Public Works Dept. Ministry of Construction for 36 years. Retired in 2006 as Chief Engineer (Bridge).

6 U KHIN MAUNG OO (DIRECTOR)

He has been working as professional Structure Design Engineer. He had 37 years services in Public Works Dept of Ministry of Construction. He got his M.Sc (USSR) 1969, his fields of expertise is design and Construction of industrial, Civil Building, P.C and R.C bridges.

7 U SANN LWIN (DIRECTOR)

He had 37 years services in Public Works Dept of Ministry of Construction. His Special interest and experiences are construction of road and bridges. He served in different regions or the country as a Project Director of Construction Divisions (Road & bridges). He retired in 2003 at the position of Chief Engineer.

8 U KYAW TINT (DIRECTOR)

He retired in 2009 as Chief Engineer (Roads) Public Works. His main experience is in road Construction as he started his service (road Construction engineer) in Southern Shan State. He has 37 years of service in Public Works Ministry of Construction. He spent most of his life on the road Construction Project.

9 U KHIN MAUNG SAI (MANAGING DIRECTOR)

Another Retired Engineer of Public Works Dept, Ministry of Construction, He had Served a total of 37 years in various positions starting as an assistant Engineer in 1973, all the way to M.D in 2007.2010. He Specialized in Bridge Construction, during his 37 years of service. He was awarded his M.Sc degree (U.S.A) in 1990 and is Currently Serving a Central Executive Committee Member of Myanmar Engineer Society (M.E.S).

10 U KYAW ZAW @ U CHAN (INTERNATIONAL CONSULTANT)

He has more than 40 year working experiences, of which over 30 year in Building & Construction Related Industries, in both private and public sectors. Moving to Singapore since 1982 his exposure to international practice in Building & Construction Industries will be an asset to TOP Engineering Consultant.