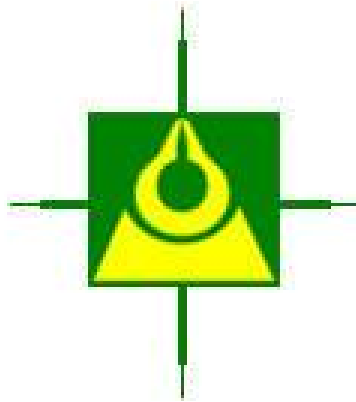


# DELTAOIL TCC PROFILE

---



**TECHNICAL PROFILE**

**FOR**

**GLOBAL PROJECTS**

**By**

**JONATHAN C. OTAMIRI**

Deltaoil TC Consortium Profile © Copyrights 2014 Port Harcourt, Nigeria

---



## Table of Content

---

Short History of Deltaoil TCC .....	3
Organizational Structure of Deltaoil TCC .....	3
Project Management .....	5
Feasibility Study and Planning .....	6
Engineering Design .....	6
Procurement .....	6
Fabrication .....	7
Construction.....	7
Commissioning and Maintenance .....	7
Environment .....	7
Computer Resources.....	8



# Delta Oil Technologies & Construction Ltd

---

## Short History of Deltaoil TCC

The concept of forming a Consortium results from many years of cooperation and representation by Uni-World Engineering Co. Ltd, not based on size of corporate balance sheets, but on integrity, knowledge, honesty, trust and hard work, in business dealings between Deltaoil and major oil refineries, CPC Corporation and Formosa Petrochemical Corporation in Taiwan. This relationship helped Deltaoil to integrate activities of both companies under the platform, Deltaoil TW. Today, Deltaoil TW has the capacity to deliver businesses in the technology and construction industries in addition to core activities in oil, gas and energy.

In 2009, Deltaoil established Deltaoil TC, with the focus to participate in urban and infrastructure developments and construction, e.g., the Greater Port Harcourt City Development Authority projects; and oil services activities due to the growing business opportunities in Nigeria in the oil sector, e.g., the Petroleum Bill and Nigerian Gas Master Plan. These projects require strong and capable Consortium to execute them successfully; therefore, Deltaoil TCC was organized, with Deltaoil TC at its core.

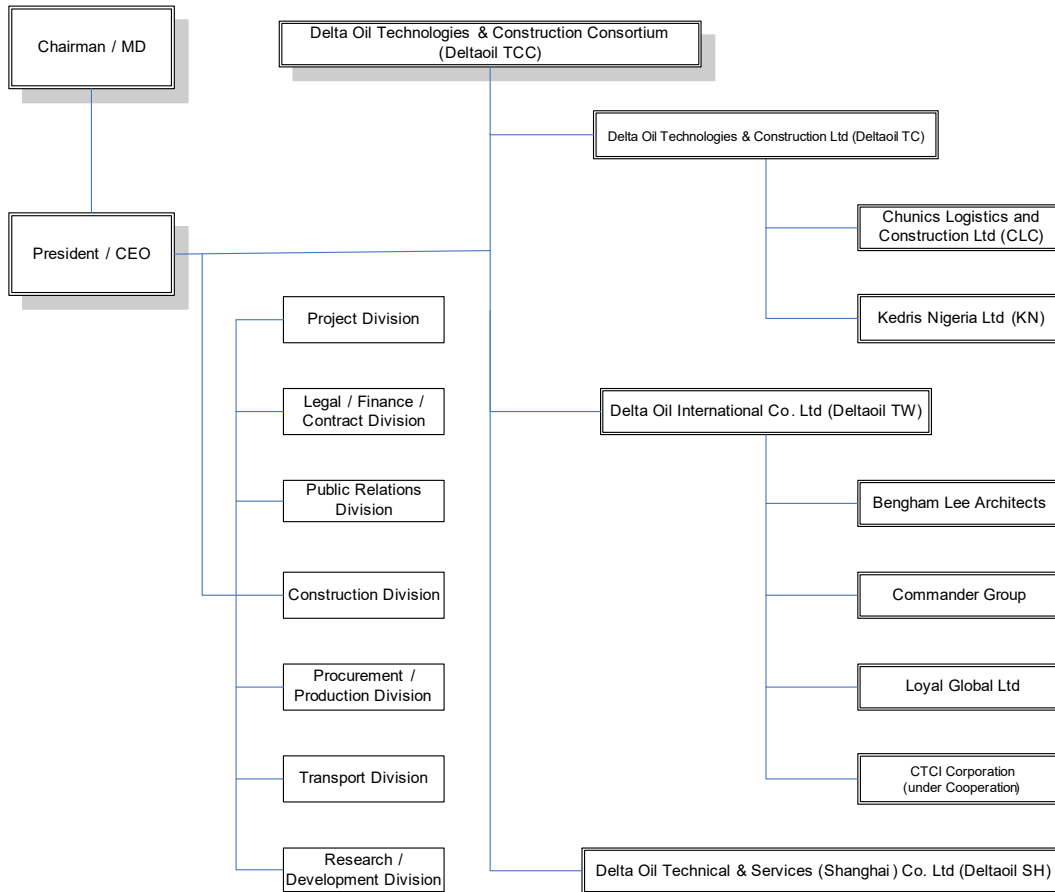
## Organizational Structure of Deltaoil TCC

Deltaoil TCC is designed as a growing “Concern” comprising of local content and large integrated foreign architect, engineering and construction companies working in concert with Deltaoil’s subsidiaries.

Deltaoil TCC is led by the Chairman/Managing Director of Deltaoil Group and operated thru a President's/CEO’s Office, General Manager’s Office for each Division and Project Manager’s Office for each project. Deltaoil TC is responsible for the accounts, administration, transportation, etc, of the Consortium to maintain effective interaction and share of resources and opportunities.



# Delta Oil Technologies & Construction Ltd



**Chunics Logistics & Construction Ltd** – Nigerian company with good knowledge of local construction industry and conditions for handling projects.

**Kedris Nigeria Ltd** – Nigerian company experienced in local construction of water supply and treatment plants, sewage system, laying of pipelines, reservoir and elevated water tanks; security and telecommunication.

**Bengham Lee Architects** – A leading Taiwanese Architect firm experienced in professional designing and planning, who has completed all kinds of public and private projects in the field of Urban, Environment, Industrial Zones, Recreation, Gymnasium and Community Parks since 1974.

**Commander Group** – The group is founded in 1978 and has executed various Civil and Constructions BT/BOT Government projects in Taiwan, e.g. MRT, Seaport, Airport, Highway, Bridge, Building, Hydro power plant, etc.

**Loyal Global Ltd** – A Taiwan company group, with over 15 years of working experience in power engines and generators; and on the technical servicing and equipment supply business. The core members of the group are from Wartsila Group (Germany) and CATIC (China).

**CTCI Corporation** – Taiwan’s largest integrated engineering and construction firm designing and building plants for Governments and major corporations worldwide; with history dating back as 1958 and today industry leader and one of the largest in South Asia.



# Delta Oil Technologies & Construction Ltd

## Services

Deltaoil TCC intends to provide services on EPC contract basis and also under strategic partnerships, which form important part of our business philosophy and strategy as these are cost and supply effective, enabling us to serve our customers at very competitive prices and with high level of professionalism.

Our range of services includes;

- Project Management
- Feasibility Study and Planning
- Engineering Design
- Procurement
- Fabrication
- Construction
- Commissioning and Maintenance
- Environmental
- Computer Resources

### Project Management

For Deltaoil TCC, each project originates from the Project Division designed by a project team assembled and led by a Project Manager. From initial proposal until completion, the project team is responsible for the entire;

- planning and monitoring
- quality assurance and control
- budget and costs control
- supervision of engineering designs
- supervision of procurement
- supervision of all constructions, fabrication, installation, testing, plant commissioning, operation and maintenance



*Experienced project team overseas project from start to finish*



Deltaoil TCC ensures that a comprehensive understanding of the diverse issues involved in the project is clearly articulated; dividing the project team into task force groups, each responsible for particular area. This way, delays, miscommunications and worries about bringing the project to smooth and successful conclusion are avoided and the project can be completed cost effectively and on-schedule to the client's satisfaction.

*Project team involved in every phase of a project, from engineering design to construction work*



# Delta Oil Technologies & Construction Ltd

## Feasibility Study and Planning

Deltaoil TCC places emphasis on careful feasibility study and planning to be carried out for every project prior to implementation to ensure good start off. The feasibility studies are focused on;

- Site investigation
- Scenario assessment
- Environmental impact statement/assessment (EIS/EIA)
- Cost and profitability assessment
- Modeling and system analysis

Detailed and accurate information gathering before start of project and analysis using latest advanced engineering and information techniques and technology is carried out by Deltaoil TCC; and our Architects and Planners are very professional and innovative, providing the client with necessary information to assist in making the right decision about a project.



*Project teams visiting project sites*

## Engineering Design

Deltaoil TCC has advanced Architects, Engineering and Construction design teams offering detailed designs for various types and sizes of projects, including;

- Process design and engineering
- Piping design
- Civil and structural design
- Instrumentation design
- Electrical design
- Mechanical and equipment design
- Communication systems design
- Computer applications design

Our design teams are familiar with local and international design codes and standards; and are equipped with “state of the arts” computers and technologies, which allow them to deliver cost-effective and quality designs meeting client’s requirements.

## Procurement

Deltaoil TCC member companies maintain trading departments and companies capable to procure almost all materials, equipments and services. The combined database of the Consortium covering material markets, prices, tariffs and import/exports regulations is extensive. Skillful traders equipped with latest



# Delta Oil Technologies & Construction Ltd

---

information technologies and innovation rigorously pursue procurement of materials and equipments ensuring that quality is maintained at the most cost effectiveness and best terms.

## Fabrication

Key strength of the Deltaoil TCC is that each member maintains well-equipped and advanced fabrication facilities. The Consortium's fabrication facility in Nigeria will be designed to be "state of the art", offering key advantages of quality, variety, flexibility and convenience.

## Construction

Deltaoil TCC offers full range of construction services, maintaining high quality by adhering to strict construction standards and procedures using advanced techniques and technologies.

## Commissioning and Maintenance

For startup and successful long-term operation of the project, providing critical finishing and follow-up services are essential. Deltaoil TCC commissioning services will include;

- Mechanical completion test
- Test runs
- Startup operation tests
- Examination for system performance and operational integrity

After completion of project, it is important to continue providing consultation, maintenance, emergency services, plant and equipment overhauls to keep shutdowns to absolute minimum.

## Environment

Deltaoil TCC member companies are experienced in environmental issues and technologies, having carried out various large scale projects and with expertise in;

- Environmental impact assessments
- In-plant pollution control:  
Wastewater treatment, air pollution control and solid waste treatment
- Waste minimization methodology
- Energy conservation
- Noise abatement
- Hazard and risk assessment

Supported by the rich engineering resources and experiences in civil and industrial designs, the environmental team will ensure compliance to environmental regulations and propose cost-effective ways to minimize wastes.



# Delta Oil Technologies & Construction Ltd

## Computer Resources

Deltaoil TCC boosts computer centers, which are state of the art and indispensable to the civil and industrial designs, project management, constructions and Corporate Affairs.







## Design & Architecture - Bingham Lee



Deltaoil TCC member, Bingham Lee Architects & Associates have designed and executed wide range of civil, industrial and commercial projects. Good example is the design of Economic Free Zone Project for the Palau and Papua New Guinea Government. The design considered six key developments; i) commercial zone, for employment; ii) residential zone, for housing; iii) hospital, for treatment and cure; iv) golf course, for recreation; v) sea port, for sending and bringing in goods and vi) refuse incineration, for getting rid of the waste produced by the citizens. Today, Deltaoil TCC has the capacity to deliver advanced designs for civil engineering and construction industries.

Economic Free Zone Project similar to Palau and Papua New Guinea can be designed and executed by Deltaoil TCC for Governments on private or partnership basis. The design will follow the six key



# Delta Oil Technologies & Construction Ltd

development concepts; i) commercial zone; ii) residential zone; iii) hospital; iv) recreation; v) sea port and vi) refuse incineration.

## ECONOMIC FREE ZONE-PERSPECTIVE

經濟自由區-透視圖(一)

- **Custom & Warehousing Center/海關及儲運大樓**



- **Administration & Management Center/管理中心**



PALAU ECONOMIC FREE ZONE PROJECT

帛琉經濟自由區(PEFZ)計畫

### Buildings & Warehousing:

The administration and Management center is in charge of all the affairs e.g. investor reception and presentation, assistance of the manufacturer in marketing evaluation and analysis, introducing Modern Technology, sharing of trade information, upgrade of production capabilities etc.

The investor just brings their main equipment, production technology and funds, headquarter will assist them select the factory building, employee and the staff and training of workers, installation of equipment, purchasing of the raw material from zone or worldwide, wooden packing, custom, clearance, logistics and transportation etc.

All the import and export procedures are organize and finished through each department in the EPZ professional team works.

### Free Zone Perspective:

In 1966, Taiwan established the world of first Export Processing Zone (EPZ) in Kaohsiung. For the past 44 years, EPZ successfully helped and developed the economic miracle and boosting the island into the ranks of developed Nations.

In the 21 century, EPZ has a new name "Value-added industrial parks" famous in the world. Many countries send their officers to Taiwan for learning this experience and knowhow.

The function of EPZ is not only designed for improving the product quality and quantities, but also creates job opportunity and technical education for the citizens.

## ECONOMIC FREE ZONE-PERSPECTIVE

經濟自由區-透視圖(二)

- **Standard Factory Building/標準廠房**



PALAU ECONOMIC FREE ZONE PROJECT

帛琉經濟自由區(PEFZ)計畫



# Delta Oil Technologies & Construction Ltd



**RESIDENTIAL AREA--SITE PLAN/住宅區-配置圖 1/5**



**PALMU ECONOMIC FREE ZONE PROJECT**  
吊桶經濟自由區(PEFZ)計畫



**COMMERCIAL ZONE--HOTEL & EXHIBIT HALL**  
商業區(一)-商旅中心與商展中心SITE PLAN配置圖



**PALMU ECONOMIC FREE ZONE PROJECT**  
吊桶經濟自由區(PEFZ)計畫





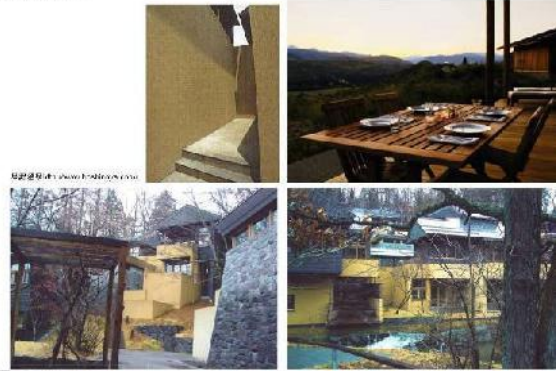
# Delta Oil Technologies & Construction Ltd



DELTA OIL TECHNOLOGIES & CONSTRUCTION LTD. PORT HARCOURT, NIGERIA



## LONG STAY #



DELTA OIL TECHNOLOGIES & CONSTRUCTION LTD. PORT HARCOURT, NIGERIA

## 湖岸別墅



DELTA OIL TECHNOLOGIES & CONSTRUCTION LTD. PORT HARCOURT, NIGERIA

現況

## 未來景圖

未來景圖





# Delta Oil Technologies & Construction Ltd



HOSPITAL/醫院1/6

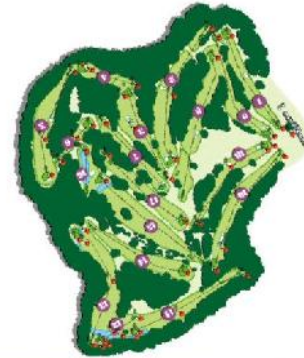


SITE PLAN

PALAU ECONOMIC FREE ZONE PROJECT  
帛琉經濟自由區(PFFZ)計畫



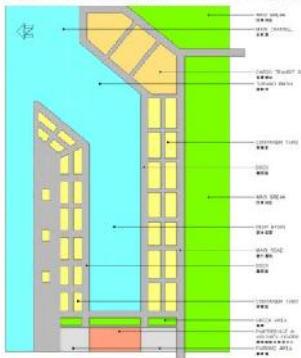
GOLF COURSE /高爾夫球場SITE PLAN配置圖



PALAU ECONOMIC FREE ZONE PROJECT  
帛琉經濟自由區(PFFZ)計畫



SEA PORT LAYOUT /海水港SITE PLAN配置圖



PALAU ECONOMIC FREE ZONE PROJECT  
帛琉經濟自由區(PFFZ)計畫





**Delta Oil Technologies & Construction Ltd**

**Civil Engineering & Construction - Commander**



**統帥集團結構**  
**Structure of Commander Group**



**統帥金融股份有限公司**  
Commander Finance Co., Ltd

**統帥貿易股份有限公司**  
Commander Trading Co., Ltd

**統帥營造工程股份有限公司**  
Commander Construction Co., Ltd

辦公室：中華民國台灣，高雄縣烏松鄉本館路427巷12號  
Office: 12, Lane427, Pen-Kuan Rd., Niao-Soun Hsien, Kaohsiung, Taiwan, R.O.C.  
Tel: 886-7-370-3111- 3 Fax: 886-7- 370-3115  
E-mail: [commande@ms38.hinet.net](mailto:commande@ms38.hinet.net)



# Delta Oil Technologies & Construction Ltd

Deltaoil TCC member, Commander Group, is a Taiwanese construction group consisting of integrated companies, Commander Construction Co. Ltd, Commander Trading Co. Ltd and Commander Finance Co. Ltd, with solid technical and financial base. Over the years Commander Group has designed and executed many notable projects in urban land developments, highway & bridges, building and housing, etc., and the group's reputation is well-known in Taiwan and beyond. Below are some of the projects performed by Commander Group.

## ***Kaohsiung City Hall Building Project:***

*Built during 1990 – 1992, is a high quality landmark office building with 3 floors underground and 10 floors above the ground. It has a center atrium with 10 stories high glass ceiling.*



## ***Box Style RC Elevated Bridge Project:***

*Constructed during 1994 – 1997, is a high quality Box design that spans up to 80 meters and total length of 3,000 meters. The bridge foundation is concrete piled and the box beam constructed in steel.*



## ***Elevated Bridge Project:***

*Constructed in steel structure box beams, the above elevated RC surfaced roadway bridge has a width of 25 meters. The flyover section is a long and curved steel bridge.*

## ***Freeway Long Curve Steel Bridge Project:***

*Constructed with precision beam setting as it stands above a freeway requiring minimum construction time, the flyover steel bridge is 102 meters long.*

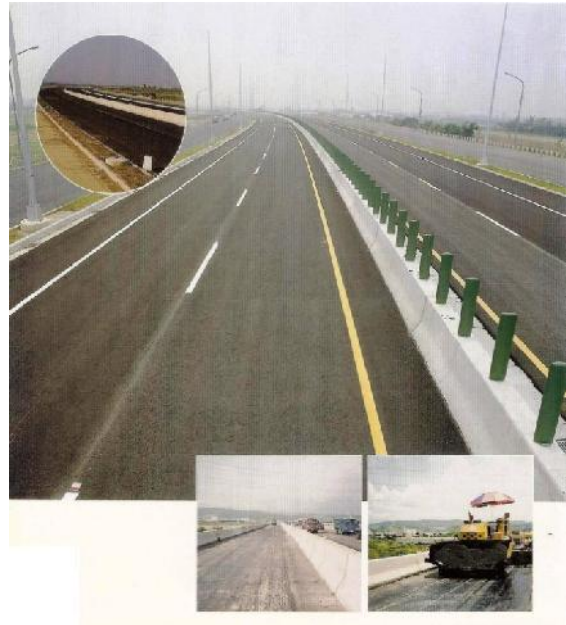


# Delta Oil Technologies & Construction Ltd

***Freeway Bridge wilding Project:***



***Second Freeway Loop Line Project:***



***City Area Connecting Highway Project:***

*Constructed during 1981 – 1985, this is a typical main street road work, which includes drainage ditches, underground channel system for waste water, underground channel system for communication and electricity system, road foundation works, AC street lights and plants. The width is 80 meters and lenath 12.000 meters.*







# Delta Oil Technologies & Construction Ltd

---

## ***Steel Bridge Crossing the River Project:***

*This River's width is 120 meters. This is a single span. It does not have any support in the river. Difficulty was encountered while the foundation pile was being constructed. Waste pieces of concrete and wood were obstructing the piling process. Deep excavation was required to clear the waste before construction can continue. This bridge was constructed during 1989-1991.*



## ***Harbor Project:***

*Kaohsiung Harbor is a world 5<sup>th</sup> largest port. It has deep water and ideal geographically shape for harbor. We constructed this portion during 1984-1986. The total length is 2,000 meters. This portion of the wharf has a depth of 8-12 meters with rocky seabed. We used the casing construction method. On the top we used concrete to place. Side protection shown is used to allow docking of larger cargo vessel.*





# Delta Oil Technologies & Construction Ltd

## Power Generation – Loyal Global

Deltaoil TCC member, Loyal Global Ltd has many years of experience in main engines, parts and services for power industry, worldwide, especially in Europe and Asia. The Taiwanese Branch, “Hong Kong Loyal Global Ltd” cooperating with Deltaoil TW was established in 2001 and incorporates core members of former Wartsila NSD Taiwan. It has the capacity and capability for commissioning, supervising, trial-running, engine adjustment, diesel power plant maintenance, etc. During 1990 – 2000 the team completed site service commissioning, performance test adjustment and maintenance works at major industries of many diesel power plants (DPP) in Taiwan. e.g. Formosa Petrochemical Corp (FPCC), Tung Ho Steel, Taiwan cement, Nan Ya Plastic etc. the capacity from 6,400 Kws to 26,000 KWs. The total of installation list are more than 40 units.





# Delta Oil Technologies & Construction Ltd

With over 15 years of working experience at maintenance and delivery of new equipment as well as repair the used Engine and Generator. incl. change the spare parts and problem solutions.



Today, more and more countries are undergoing rapid privatisation of their power industries to meet their growing energy demand,

We can supply the modular units and guarantee the use for operation as turnkey base for energy at competitive price.

No matter what kind of fuels, e.g. natural gas, light or heavy fuel oils, it can be used to generate the electricity, heat and steam service for Industrial, Commercial and Residential applications.



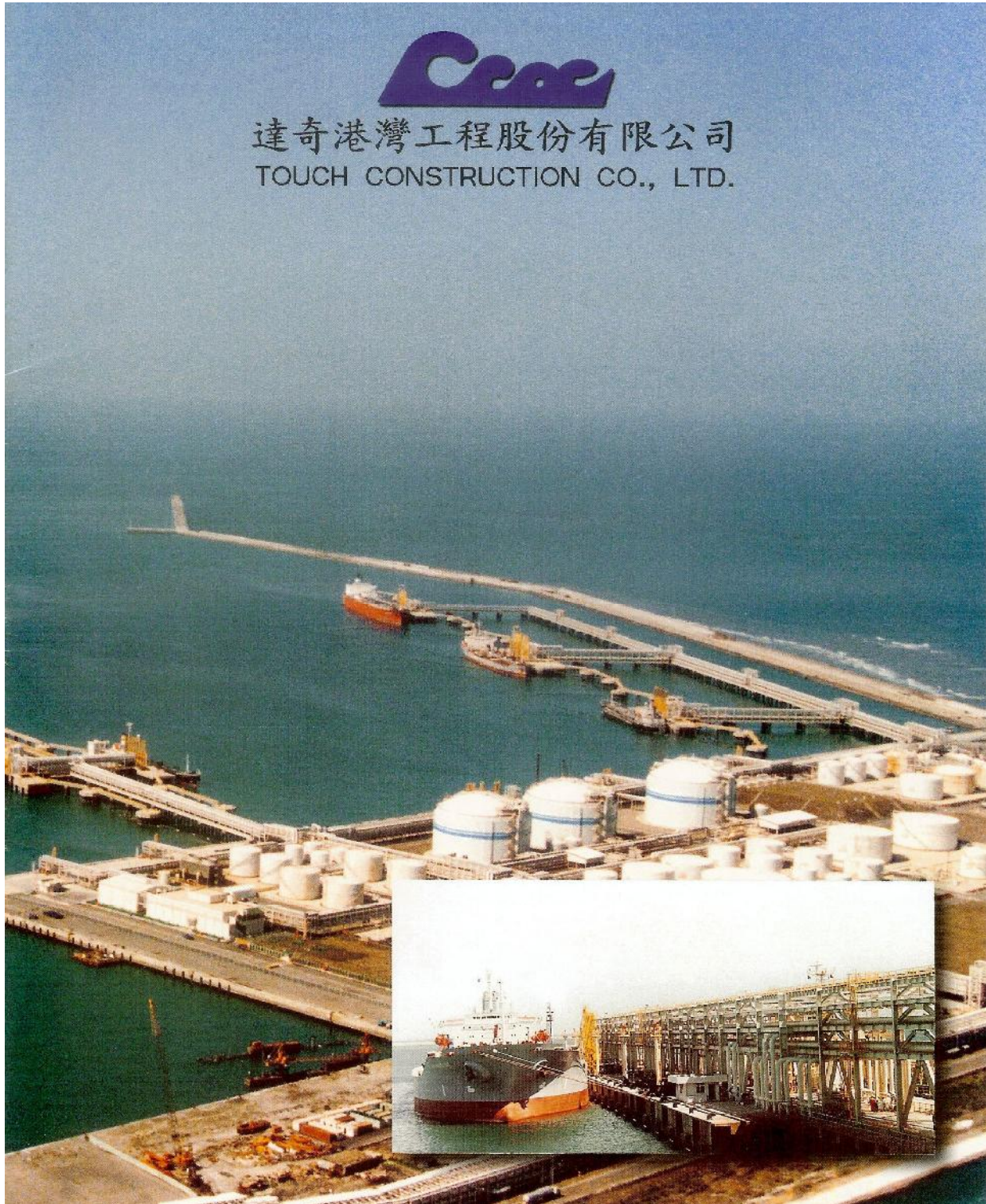
Also, we have assisted many neighborhood countries e.g. Vietnam, China, Solomon through our professional engineers for supervising of the equipments during the overhaul schedule.

Our scope and team works comprise of installation and conducting regular training of the local staff covering every aspect of plant operation and maintenance.



**Delta Oil Technologies & Construction Ltd**

**Engineering Technologies – Touch Construction**








# Delta Oil Technologies & Construction Ltd

**碼頭、航運棧橋及防波堤方塊吊排、沉箱安裝工程**  
**Wharf, Dredging of Approach Channel, Lifting and Placement of Concrete Block and Caisson Placement**





**碼頭工程！**  
**Wharf Construction Project:**

- 1 碼頭建造工程—碼頭防波堤之安裝與完成。  
 Wharf construction project—wharf completion.
- 2 碼頭建造工程之沉箱安裝。  
 Caisson work from completion of foundation piling.
- 3 碼頭建造工程之沉箱安裝。  
 Wharf construction—Main Line Rectangular Harbor completion.
- 4 碼頭建造工程之沉箱安裝。  
 Wharf construction—Main Line Rectangular Harbor completion.

**航運棧橋工程！**  
**Dredging of Approach Channel and Lifting / Placement of Concrete Block for Brestwater:**

- 1 航運棧橋工程之設計。  
 Dredging of approach channel.
- 2 航運棧橋工程之沉箱安裝。  
 Marine lifting and placement of concrete block for brestwater.
- 3 航運棧橋工程之沉箱安裝。  
 Lifting and placement of concrete block for slope protection.

**防波堤工程！**  
**Caisson Placement:**

- 1 防波堤工程之沉箱安裝。  
 Caisson positioning and final placement.
- 2 防波堤工程之沉箱安裝。  
 Caisson positioning and final placement.

**碼頭建造工程之沉箱安裝。**  
**Wharf construction—Main Line Rectangular Harbor completion.**

**航運棧橋工程之設計。**  
**Dredging of approach channel.**

**航運棧橋工程之沉箱安裝。**  
**Marine lifting and placement of concrete block for brestwater.**

**航運棧橋工程之沉箱安裝。**  
**Lifting and placement of concrete block for slope protection.**

**防波堤工程之沉箱安裝。**  
**Caisson positioning and final placement.**

**防波堤工程之沉箱安裝。**  
**Caisson positioning and final placement.**

**碼頭、航運棧橋及防波堤方塊吊排、沉箱安裝工程**  
**Wharf, Dredging of Approach Channel, Lifting and Placement of Concrete Block and Caisson Placement**








**碼頭工程！**  
**Wharf Construction Project:**

- 1 碼頭建造工程—碼頭防波堤之安裝與完成。  
 Wharf construction project—wharf completion.
- 2 碼頭建造工程之沉箱安裝。  
 Caisson work from completion of foundation piling.
- 3 碼頭建造工程之沉箱安裝。  
 Wharf construction—Main Line Rectangular Harbor completion.
- 4 碼頭建造工程之沉箱安裝。  
 Wharf construction—Main Line Rectangular Harbor completion.

**航運棧橋工程！**  
**Dredging of Approach Channel and Lifting / Placement of Concrete Block for Brestwater:**

- 1 航運棧橋工程之設計。  
 Dredging of approach channel.
- 2 航運棧橋工程之沉箱安裝。  
 Marine lifting and placement of concrete block for brestwater.
- 3 航運棧橋工程之沉箱安裝。  
 Lifting and placement of concrete block for slope protection.

**防波堤工程！**  
**Caisson Placement:**

- 1 防波堤工程之沉箱安裝。  
 Caisson positioning and final placement.
- 2 防波堤工程之沉箱安裝。  
 Caisson positioning and final placement.

**碼頭建造工程之沉箱安裝。**  
**Wharf construction—Main Line Rectangular Harbor completion.**

**航運棧橋工程之設計。**  
**Dredging of approach channel.**

**航運棧橋工程之沉箱安裝。**  
**Marine lifting and placement of concrete block for brestwater.**

**航運棧橋工程之沉箱安裝。**  
**Lifting and placement of concrete block for slope protection.**

**防波堤工程之沉箱安裝。**  
**Caisson positioning and final placement.**

**防波堤工程之沉箱安裝。**  
**Caisson positioning and final placement.**



# Delta Oil Technologies & Construction Ltd



## 海底管線安裝及鑽油平台拆除工程 Submarine Pipeline Laying and Demolishing of Oil Drilling Platform



◎ 海底管線安裝工程：  
Submarine Pipeline Laying:

- ① 麥寮電廠取水頭海上吊裝施工實況。  
Brine Intake Head, Mai-Liao Power Plant - marine lifting & placement.
- ② 麥寮電廠取水管陸上假安裝測試實況。  
Cooling Water Pipeline, Mai-Liao Power Plant - temporary laying on landside and test.
- ③ 麥寮電廠取水管海上吊裝實況。  
Cooling Water Intake Pipeline, Mai-Liao Power Plant - marine lifting & placement.
- ④ 麥寮電廠取水管節跟接頭吊裝準備實況。  
Expansion Joint, Mai-Liao Power Plant - preparation for lifting & placement.
- ⑤ 海上管線安裝 - 「旁桶」裝置作業實況。  
Submarine Pipeline Laying - Pontoon installation.





⑦ 國光1號(CBK11)、2號(CBK12)、3號(CBK13)鑽油平台拆除工程：  
Demolishing of Oil Drilling Platform CBK11, CBK12 and CBK13:

⑥ 鑽油平台拆除施工實況。  
Demolishing operation of oil drilling platform.



⑦ 飽和潛水裝備作業實況。  
Operation of saturated diving facility.

⑧ 1500T 絞吊船起吊鑽油平台實況。  
Lifting of demolished platform by sheerleg (lifting capacity: 1,500 tons).



⑨ 拆除之鑽油平台吊置於轉運船上實況。  
Loading of demolished platform on transportation barge.





# Delta Oil Technologies & Construction Ltd

## Engineering Technologies – CTCI Corporation

Consortium member, CTCI Corporation, founded in 1979, is the largest integrated Engineering and Construction firm in Taiwan. With many years of technical designing and managing experience, CTCI has undertaken and completed significant domestic and overseas projects for various Industries Applications as following:

Refinery, Petrochemical, Chemical, Hydrocarbon & non Hydrocarbon, Fertilizer, Waste and Industry water treatment, Refuse Incineration, Steel industry, Power plants, Storage Tank & LNG Terminal, Infrastructure, Transportation, Environmental and Biotechnology.

The major scope of works executed :

- Plant Design
- Procurement of equipments
- Frabrication
- Construction
- Supervisiopn
- Operation and Commissioning.

*CPC Tao Yuan Refinery*



In the past years, CTCI completed large scale petroleum projects, e.g. CPC No.5 Naphtha Cracking unit at Zoyin Kaohsiung refinery, CPC Yuan An LNG Receiving Terminal , FPC No.6 Naphtha Cracking unit at Fomosa Group MaiLiao refinery. The total CTCI Group manpower: over 3,500.



*Fomosa group MaiLiao Refinery*



# Delta Oil Technologies & Construction Ltd

*Kaohsiung Southern Refuse Incinerator*



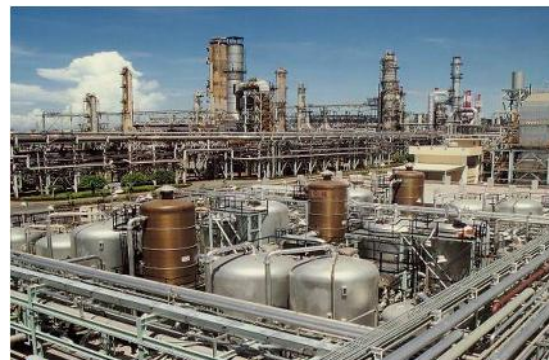
*TaiPower Na Pu Combine Cycle Plant (CCGT)*



*CPC Yuag an LNG receiving Terminal*



*CPC Talinpu No.7, 8 Water Demineralizer plant*



In recent years, CTCI has set up goals to work globally and diversify in the worldwide market, and to establish the Beijing and Shanghai office in mainland China in order to execute various projects, e.g LDPE plant, MMA plant, PVC plant, ABS plant, Power and Cogeneration plant, etc.

CTCI state-of-the-art technology in the field of gas/oil for refineries has made them become an international first class EPC contractor in Asia. Clients cover Thailand, Vietnam, Malaysia, Philippine, Indonesia etc. Now CTCI is making all out efforts in Qatar, Iran, Bahrain and Saudi Arabia; and in the future, African and South America to become main targets.

CTCI has much experience in the Government infrastructure projects, thus, in the MRT, High Speed Railway systems, they performed the contract in the field of civil construction, mechanical & electrical facilities are function well. The No.4 Nuclear Power Plant will become CTCI's main construction project in the decade.





## **Delta Oil Technologies & Construction Ltd**

---

CTCI has devoted the technology of De-Nox, SCR system in the steel, power and petrochemical plant for APC on the environment protection. Accompanied with the fast growth of Electronic and semiconductor industries, CTCI has engaged in the design for Hsin chu and Tainan Science-Based Industrial Park e.g clean room, IC package plant, and ASU plant for high-tech manufacturing corporations in Taiwan.



Deltaoil TCC Members Technical Support



凌義雄建築師事務所

BENGHAM LEE ARCHITECTS, PLANNERS, ENGINEERS & ASSOCIATES

Date: Feb. 3 , 2010

The Managing Director

Deltaoil Group  
c/o Delta Oil Technologies and Construction Ltd

44, Circular Road, Elekahia Housing Estate  
Port Harcourt, Rivers State  
Nigeria

To Whom it May Concern:

**Technical support for Greater Port Harcourt Development Project & Civil Engineering Constructions in Nigeria**

Dear Sirs,

We refer to our discussions and meetings with Mr. Daniel Tseng, President of Delta Oil International Co. Ltd, Taiwan on the above subject matter.

We, Bengham Lee Architects, Planners, Engineers & Associates, hereby confirm our interest to provide your Deltaoil Group and Co., Kedris Nigeria Ltd and Chunics Logistics & Construction Ltd., all necessary technical support relating to architectural planning and design for construction projects in Nigeria, especially The Greater Port Harcourt Development Project.

Our company is one of the leading Taiwanese Architect and world's renowned Architect Companies; and we have carried out many important projects in Taiwan and around the world. We herewith enclose relevant documents and company brochure demonstrating our capability.

We look forward to cooperating with you on projects of mutual interests provided that the terms and conditions are acceptable to both parties.

Thank you.

Yours Sincerely,

Bengham Lee

Bengham Lee Architects, Planners, Engineers & Associates

台北市信義路四段155號8F-3 TEL:(02)2703-8850 (代表號) FAX:(02)2704-4226  
高雄市明華路 317 號 17 F-2 (07)552-8085 (07)553-8681  
(台北) E-mail : leearch.urban@msa.hinet.net (高雄) E-mail : leearchk@ms22.hinet.net

Delta Oil International Development Co. Ltd (Deltaoil DC)

Visiting Address:

72, Broad Street, Behind Zenith Bank Plc  
Tinubu Square, Marina  
Lagos Island, Lagos State, Nigeria

Phone: +234 7037881097

Fax:

Email: [internationaldevelopment@deltaoil.se](mailto:internationaldevelopment@deltaoil.se)

A Member of:

Delta Oil International (Deltaoil Group)

Spexarevägen 40  
SE-224 71 Lund  
Sweden

Homepage: [www.deltaoil-intl.com](http://www.deltaoil-intl.com)

Phone: +46 46 240 0186

Fax: +46 46 240 1495

Email: [info@deltaoil.se](mailto:info@deltaoil.se)



统帥集團  
Commander Group

Date: January 28, 2010

The Managing Director

Delta Oil International (Deltaoil) &  
Delta Oil Technologies and Construction Ltd

44, Circular Road, Elekahia Housing Estate  
Port Harcourt, Rivers State  
Nigeria

**Subject: Technical Support for Construction Projects in Nigeria**

Dear Sir,

We are pleased to inform you that we are very willing to provide your Deltaoil Group and its partners, Kedris Nigeria Ltd and Chunics Logistics & Construction Ltd., as the necessary technical support and experience for construction projects in Nigeria.

Our company is one of the leading Taiwanese Construction Companies and we have carried out many important construction projects in Taiwan. e.g. Urban land consolidation, Building, National housing, Road, Highway, Rapid Rail transit, Bridge, Harbor, Coal fire and Dam Power plant projects over 30 years. herewith enclose our company brochures for your reference.

We look forward to cooperating with you on projects of mutual interests provided that the terms and conditions are acceptable to both parties.

Thank you and good luck in your efforts to secure suitable construction projects.

Yours Sincerely,

Mrs. Tina managing Director

高雄縣烏松鄉本館路427巷12號  
12, Lane 427, Pen-Kuan Rd, Niao-Soun Hsien, Taiwan, R O C  
Tel. 886-7-370-3111 ~3 Fax 886-7-370-3115

**Delta Oil International Development Co. Ltd (Deltaoil DC)**

Visiting Address:

72, Broad Street, Behind Zenith Bank Plc  
Tinubu Square, Marina  
Lagos Island, Lagos State, Nigeria  
Phone: +234 7037881097

Fax:

Email: [internationaldevelopment@deltaoil.se](mailto:internationaldevelopment@deltaoil.se)

A Member of:

**Delta Oil International (Deltaoil Group)**

Spexarevägen 40

SE-224 71 Lund

Sweden

Homepage: [www.deltaoil-intl.com](http://www.deltaoil-intl.com)

Phone: +46 46 240 0186

Fax: +46 46 240 1495

Email: [info@deltaoil.se](mailto:info@deltaoil.se)



香港商合郡有限公司台灣分公司  
Hong Kong Loyal Global Limited Taiwan Branch  
高雄市 80794 三民區鼎中路 45 號  
45 Dingzhong Rd, Sanmin Dist., Kaohsiung 80794, Taiwan, R.O.C.  
TEL: +886(0)7-381-3977 FAX: +886(0)7-381-7047

Date: 2010/2/20

The Managing Director

Delta Oil International (Deltaoil) &  
Delta Oil Technologies and Construction Ltd

44, Circular Road, Elekahia Housing Estate  
Port Harcourt, Rivers State  
Nigeria

**Subject: Cooperation for the Power & Distribution Projects in Nigeria**

Dear Sir,

We refer to our discussion and meetings with Mr. Daniel Tseng, President of Delta Oil International Co. Ltd, Taiwan, on the above subject matter, we are happy to inform you that we are pleased to cooperate with you, the Deltaoil Group and its partners, Kedris Nigeria Ltd and Chunics Logistics & Construction Ltd., for the cooperation and necessary technical support on the power and distribution projects in Nigeria.

Our company is one of the leading Taiwanese Diesel Power Generation engineering and equipment supplies. We have carried out many important Power plant projects in Taiwan and around the world. Herewith please enclose our company brochures for your reference.

We look forward to cooperate with you on the GPHCDA projects of mutual interests provided that the terms and conditions are acceptable to both parties.

Thank you for your efforts to secure suitable Power and Distribution projects.

Yours Sincerely,

Loyal Global Ltd.

  
Wei - pang Ou  
Director

**Delta Oil International Development Co. Ltd (Deltaoil DC)**

Visiting Address:

72, Broad Street, Behind Zenith Bank Plc  
Tinubu Square, Marina  
Lagos Island, Lagos State, Nigeria  
Phone: +234 7037881097  
Fax:  
Email: [internationaldevelopment@deltaoil.se](mailto:internationaldevelopment@deltaoil.se)

A Member of:

**Delta Oil International (Deltaoil Group)**

Spexarevägen 40  
SE-224 71 Lund  
Sweden  
Homepage: [www.deltaoil-intl.com](http://www.deltaoil-intl.com)  
Phone: +46 46 240 0186  
Fax: +46 46 240 1495  
Email: [info@deltaoil.se](mailto:info@deltaoil.se)



達奇港灣工程股份有限公司  
TOUCH CONSTRUCTION CO., LTD.  
TEL: (07) 5870468 - 9 FAX: (07) 5872050

高雄市鼓山區翠華路 497 巷  
3 號 11F-1  
11F-1, 3, Lane 497, Tsui-Hua Rd.,  
Ku-Shan Dist, Kaohsiung, Taiwan.

Date: February 22, 2010

To: Mr. Jonathan Otamiri  
The Managing Director

Delta Oil International (Deltaoil) &  
Delta Oil Technologies and Construction Ltd

44, Circular Road, Elekahia Housing Estate  
Port Harcourt, Rivers State  
Nigeria

**Subject: Business Cooperation for Marine Construction Projects in Nigeria**

Dear Sir,


We, Touch Construction Co., Ltd. hereby confirmed by this letter that we are honor and willing to cooperate with Deltaoil Group and its partners, Kedris Nigeria Ltd and Chunic Logistics & Construction Ltd., for the necessary technical support and experience for the marine construction projects in Nigeria.

Our company is one of the leading Taiwanese Marine Construction Companies and we have carried out many important construction projects in Taiwan. e.g. Tso Yin Naval base, An Ping port, Ma Kon harbor, FPC at Mai Liao Industrial Harbor, CPC at Yu An LNG Terminal and Oil Drilling Platform projects for more than 30 years. Herewith enclose our company brochures for your reference.

We look forward to work with you on the projects of mutual interests under the terms and conditions that are acceptable to both parties.

Thank you for your offer and secure of the construction projects.

Yours Sincerely,

  
Mr. Chen Yuch-Chun  
Director

Delta Oil International Development Co. Ltd (Deltaoil DC)

Visiting Address:

72, Broad Street, Behind Zenith Bank Plc

Tinubu Square, Marina

Lagos Island, Lagos State, Nigeria

Phone: +234 7037881097

Fax:

Email: [internationaldevelopment@deltaoil.se](mailto:internationaldevelopment@deltaoil.se)

A Member of:

Delta Oil International (Deltaoil Group)

Spexarevägen 40

SE-224 71 Lund

Sweden

Homepage: [www.deltaoil-intl.com](http://www.deltaoil-intl.com)

Phone: +46 46 240 0186

Fax: +46 46 240 1495

Email: [info@deltaoil.se](mailto:info@deltaoil.se)