## **INDOCHINES**

### **CONSULTANT & COMMERCIAL JSC**

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## **About Us**

Indochines Consultant & Commercial JSC (IC&C) was officially established on 28 April 2006. IC&C mainly provides services of marine field survey/e.g. Soil investigation, topographic and hydraulic surveys; preparation of drawings of marine structures; supports on preparing legal dossiers for obtainment of port investment, construction and operation permits; and others meeting local and central competent authorities' requirements and regulations.

IC&C was granted the Business Registration Certificate on 28 April 2006 and the revised on 31 December 2011 at Department of Planning and Investment.

#### **KEY PERSONNEL**

No	Name	Experience	Education	Major	Position
1	Truong Minh Chanh	30	M.E	Hydraulic & Coastal Engineering	President & CEO
2	Ngo Van Thanh	33	M.E	Energy Management & Nuclear Physics	Project Coordinator
3	Tran Van Chung	18	B.E	Maritime & Waterway Engineering	Project coordinator
4	Nguyen Van Lam	5	B.E	Geotechnical Engineering	Engineer
5	Nguyen Duc Thuy	7	В.А	Foreign Language	Clerical staff

#### **Sister companies:**

#### RD Consultant company, Ltd.

DC Tower, 111D Ly Chinh Thang St, District 3, HCM city, Vietnam

#### **Brothers Engineering & Construction JSC.**

DC Tower, 111D Ly Chinh Thang St, District 3, HCM city, Vietnam

#### **Partners:**

#### Haskoning Vietnam Co., Ltd.

236/26C Dien Bien Phu St, Binh Thanh District, Ho Chi Minh City, Vietnam

#### **OGEOSEIS SDN BHD**

7th Floor, Menara Promet, Jalan Sultan Ismail, 50250 Kuala Lumpur, Malaysia

#### Oregenic GeoExpro (S) Pte, Ltd.

Loyang Crescent, Loyang offshore Supply Base Blk 217, SOPS Avenue, Box No 5043 Singapore 508988

#### **Truong Phat CIC.,JSC**

173 Nguyen Hoang Ton St, Tay Ho District, Ha Noi, Vietnam

#### **Southern Geological Mapping Division**

200 Ly Chinh Thang St, District 3, Ho Chi Minh City, Vietnam

#### Dai Nam Equipment Co., Ltd.

210-212 Le Hong Phong St, District 5, Ho Chi Minh City, Vietnam

#### **Hung Dia Company**

37/33 Thong Nhat, Di An Town, Binh Duong province

#### **VINA MEKONG Engineering Consultants JSC**

44 Dang Van Ngu St, Phu Nhuan District, Ho Chi Minh City, Viet Nam

### **Typical projects**

No	Name of Project	Client	Location	Work item
01	Hong Thuan Port	Hong Thuan Trading Construction Services Co.,Ltd	Ba Ria Vung Tau Province	Topographic survey and support for obtainment of approval on 1/500 detail plan for the port
02	Ham Rong Gas Pipeline	Haskoning Vietnam Co., Ltd.	Thai Binh Province	Topographic survey and Offshore geotechnical investigation
03	1/2000 Detail planning of Hoa Tam Industrial Zone and Bai Goc Seaport	Hiep Hoa Phat JSC	Phu Yen Province	Topographic survey, Geophysics survey, Metocean data collection and Offshore geotechnical investigation
04	Son My LNG Receiving Terminal Project	Orogenic GeoExpro (S) Pte, Ltd. (Malaysia)	Binh Thuan Province	Topographic survey and Offshore geotechnical investigation
05	LNG Receiving Terminal Project: Location selection study	Haskoning Vietnam Co., Ltd.	Binh Thuan Province	Topographic survey and Offshore geotechnical investigation
06	LNG Receiving Terminal Project: Location selection study	Haskoning Vietnam Co., Ltd.	Soai Rap, HCM City	Topographic and Bathymetric survey, Metocean and Geotechnical survey
07	Ninh Thuan 1 Nuclear Power Plant	Power Engineering Consulting JSC 3 (PECC3)	Ninh Thuan Province	Leasing Jack up for geotechnical investigation work
08	Ninh Thuan 1 Nuclear Power Plant	Power Engineering Consulting JSC 3 (PECC3)	Ninh Thuan Province	Offshore geotechnical investigation
09	The 1/2000 detail Plan for Bai Goc, Phu Yen Province	Haskoning Vietnam Co., Ltd.	Phu Yen Province	Preparing 1/2000 detail plan of Bai Goc Seaport, Phu Yen Province
10	Improvement of LPG Terminal, Dinh Vu, Hai Phong	PetroVietnam (PVE PMB)	Hai Phong Province	Topographic survey and Geotechnical investigation
11	ThepViet - Steel Plant	ThepViet Steel Corporation	Ba Ria Vung Tau Province	Topographic survey and Geotechnical investigation Preparing FS study, Basic design and EIA report

## Geotechnical Investigation

IC&C is capable of geotechnical works near shore from 0 meter to 20 meters in depth, soil improvement works, and monitoring work.

IC&C assures and commits of its best services quality in works.



Offshore investigation on Jack-up Platform





Offshore investigation on fixed Platform

#### COMPANY PROFILE



**Standard penetration test** 



Field van shear test



**CPT** test



**Drilling and sampling** 



**Pocket penetration test** 



**Torvane test** 

#### COMPANY PROFILE



**Piston sampler** 



**Rock core** 



**Direct shear test** 



**Consolidation test** 



Master - loader HM



**Automated triaxial testing** 



Disturbed sample was taken from SPT tool



The rotary core drilling



Undisturbed samples in steel tubes

# **Topographic & Bathymetric**



Equipped with modern and highly advanced technological equipment, IC&C completed topographic and bathymetric work at a high quality.







Trimble R3



Sea STAR HP8200



**Dual frequency GPS** receiver Topcon Legacy



Hypack max Echosounder





Total station TOPCON Leveling



Total station



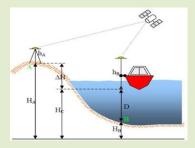
**Total station** LEICA Leveling SOKKIA Leveling

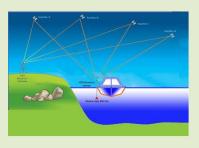
















DGPS station on boat

# Hydrological & Geophysical



Equipped with modern and highly advanced technological equipment, IC&C completed hydraulic survey work at a high quality.



Wave measurement equipment FSI's 3D-Wave



Seabed sediment sampler
Ponar Type Grab



Sontek Argonaut-XR and RBR TGR-1050P



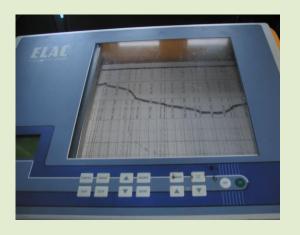
SB-216S Tow Vehicle

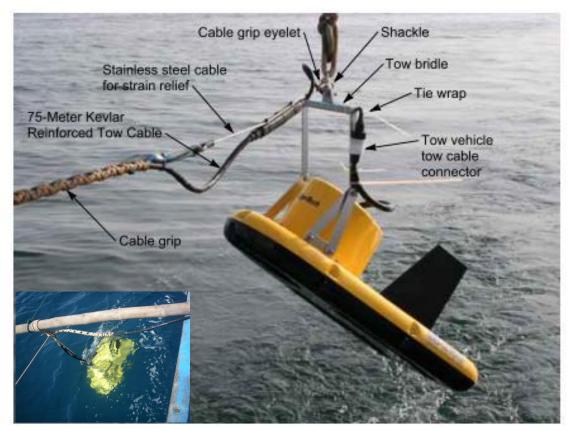


ADCP flow measurement equipment







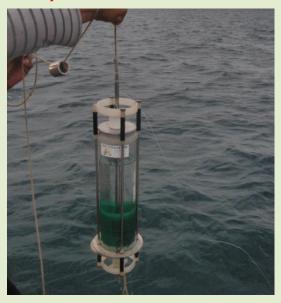


Sub-bottom Profiler System









Seawater sampler Hydro-X 1.7 litres

### Design

With of experiences vears and coastal engineering consultancy IC&C is offering its clients the design high quality and ulmost satisfaction. years operating, IC&C has been collaborating with other partners/ Haskoning companies e.g. Vietnam Orogenic GeoExpro SDN. BHD. of Brothers E&C, Dainam Equipment Co., (DNE), Sun Survey Ltd. (Cambodia Vina Mekong Office of DNE), Engineering Consultant JSC. (VMEC) under strona technical supports/provision of Sea and Land Technologies (SALT) of Singapore for been awarded couples of major projects in oil and gas industry and awarded design contracts of large projects.

Design field undertaken by IC&C structures of marine works, ground improvement, detail planning and terminals.



Son My LNG Receiving Terminal

hydraulics services, service at During

sister Ltd., Malaysia, Ltd. Branch



Marina Berth - Diamond Island

years, and marine been scaled



all covers utilities for

Typical projects in design field done by IC&C are indicated in the table below:

No.	Name of project	Client	Assigned tasks	Location
1	Son My LNG Receiving Terminal	Haskoning Vietnam Co., Ltd.	- Foundation design of berths and approach trestles	Binh Thuan Province
			- Method statement of pile installation	
			- Foundation design for 2.7km of trestle	
			- Preparing FS report	
			- Translation service	
2	1/2000 Detail Plan for Bai Goc Seaport	Haskoning Vietnam Co., Ltd.	<ul><li>Design of utilities including landscape architecture space organization</li><li>Reporting and translation</li></ul>	Phu Yen Province
3	Marina Berth – Diamond Island	Haskoning Vietnam Co., Ltd.	- Design of inland berth	Ho Chi Minh City

## Support in legal procedures obtainment

Since establised in 2006, IC&C has supported clients in preparing all dossiers to meet local and central competent athorities' requirements and regulations in terms of selection of project locations; obtainment of project licences including investment licences, land use rights certificate, EIA, construction permits, and port operation permits; and compensation and rehabilitation for local residents.

Typical projects done by IC&C are indicated in the table below:

No.	Name of project	Client	Assigned tasks	Location
1	ThepViet - Steel Plant	ThepViet Steel Corporation	Supporting in obtainment of investment location, investment licence and port operation permit	Ba Ria Vung Tau Province
2	ThepViet – Terminal for 15,000 to 30,000 DWT	ThepViet Steel Corporation	Providing constulancy service in compesation and rehabilitation for local residents, site clearance and obtainment of land use in My Xuan, Ba Ria Vung Tau Province	Ba Ria Vung Tau Province
3	Hong Thuan Material Im-export Terminal	Hong Thuan Commercial- Manufacturing- Construction Company, Ltd.	Supporting in obtainment of approval on 1/500 detail plan by local authorities	Ba Ria Vung Tau Province
4	Hong Linh Port	Hong Linh Investment & Construction Traffic Corporation	Supporting in compesation and rehabilitation for local residents, site clearance and obtainment of land use	Ba Ria Vung Tau Province
5	The 1/2000 detail Plan for Bai Goc, Phu Yen Province	Hiep Hoa Phat JSC	Preparing and submission for approval on 1/2000 detail plan of Bai Goc Seaport, Phu Yen Province	Phu Yen Province

### **Contact us**

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