

# COMPANY PROFILE

## DIAGRAM TRIPROPORSI

1980 - 2026



**PT DIAGRAM TRIPROPORSI** Engineering Consultant

Agnesia Building 1st Floor, Jl Pemuda 73B Jakarta 13220

Phone : 021-4701356/57 | E-Mail : [ptdiagram@diagramtriproporsi.com](mailto:ptdiagram@diagramtriproporsi.com)

Website : [www.diagramtriproporsi.com](http://www.diagramtriproporsi.com)

PT. Diagram Tripoporsi Engineering Consultant was founded in 1980 with intensive projects portfolio in ports, harbors and urban drainage. We have expanded our experiences in internationally funded projects from World Bank and Asian Development Bank over the years by forming several consortium joint ventures with global design firms from Japan, Netherlands and USA, such as Pacific Consultant International, Nippon Koei, NEDECO, and The Louis Berger Group Inc.

Today, we are recognized as a national leader in the ports and harbors development. We offer a full range of professional services from feasibility study, various surveys, designs, trainings to contract administration which includes but not limited to supervision and construction management. Being a member of both The National Association of Indonesia Consultants and Indonesian Chamber of Commerce and Industry since our inception allows us to provide professional services not only to private sector but also to various Government Departments and Agencies.

We believe there is always room for improvement and in order for us to serve our clients more efficiently, cost effectively and to the highest standard, we constantly enhance our design and engineering capability and expertise with trainings and utilization of latest design applications and tools. Our commitment to strive for the best and customer oriented satisfaction has earned us with repeat clients.

Proud of our employees and products, proven track records, coupled with innovation, creativity, integrity and ethical business practices as our core values, we serve and meet our clients' project needs beyond expectation. We would like to welcome and thank you for taking the time reading our company profile.

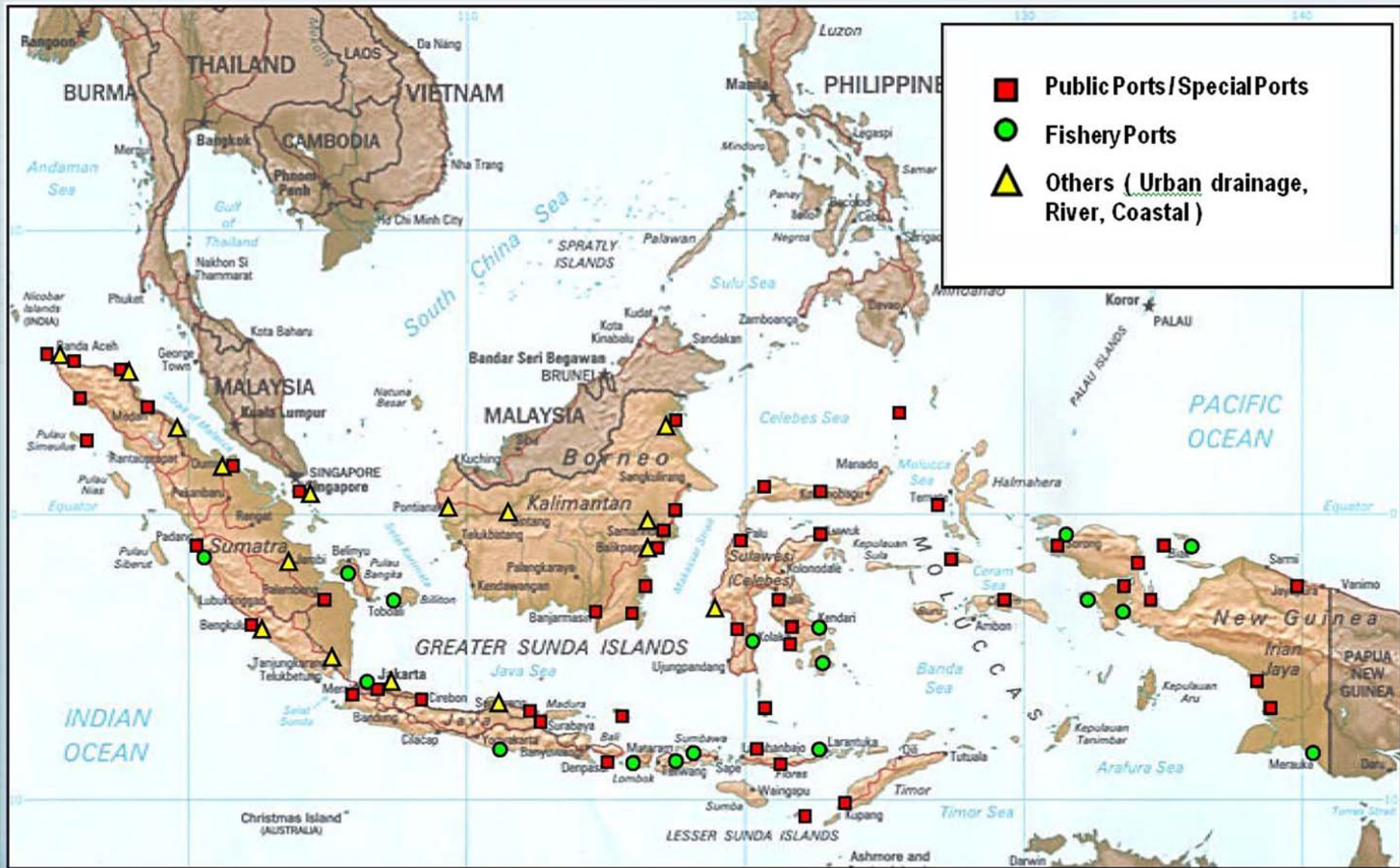
## Scope of Profesional Services

### Type of Services :

Master Planning  
Feasibility Study  
Topographic Survey  
Hydrographic Survey  
Oceanographic Survey  
Environmental Impact Assessment  
Detailed Engineering Design  
Technical Assistance and Guidance  
Construction Supervision  
Construction Management  
Port Training  
Management Training  
Port Management Service

### Field of Specialties :

Port and Harbour  
Port Handling Equipment  
Container Terminal  
Liquid Bulking Station  
Coal/Dry Bulk Terminal  
Inland Waterway  
Ferry Terminal  
Coastal Marina Facilities  
Shore Protection  
Wave Protection  
Slipway and Dockyard  
Reclamation  
Dredging



# PT. DIAGRAM TRIPROPORSI

## A. GENERAL

1. Name	:	PT DIAGRAM TRIPROPORSI
2. Address	:	Agnesia Building 1st Floor Jl. Pemuda No.73-B Jakarta 13220
Telephone	:	62-21-4701356, 4701357
E-mail	:	<a href="mailto:project@diagramtriproporsi.com">project@diagramtriproporsi.com</a> <a href="mailto:ptdiagram@diagramtriproporsi.com">ptdiagram@diagramtriproporsi.com</a>
Website	:	<a href="http://www.diagramtriproporsi.com">www.diagramtriproporsi.com</a>
3. Status	:	Main Office
4. Association Member No.	:	National Association of Indonesian Consultant (INKINDO) 0199/P/0095 DKI

## B. CORPORATION'S LAW DATA

1. Establishment Act		
a. Notary	:	Langgariana Siregar, SH
b. Act No.	:	2
c. Date	:	August 6, 1980
2. Act Amendement		
a. Notary	:	Vivi Novita Ranadireksa, SH, M.KN
b. Act No.	:	24
c. Date	:	12-Jul-24
3. Legalized by Ministry of Justice		
No.	:	AHU-AH.01,09-0230091
Date	:	Juli 23, 2024
4. Announcement in State News (for corporation)		
No.	:	100
Date	:	April 14, 1999

## C. BOARD OF DIRECTORS

1. Commissioner	:	Ibut Suryanto, S.T
2. Presiden Director	:	Ir. Wahyono Bimarso, Dipl. HE
3. Director	:	Ir. MM Nani Irawati
5. Director	:	Ir Yohanes Andrianto, Msc
6. Director	:	Dani Rusli Utama, ST, M.Infra



## PEMERINTAH REPUBLIK INDONESIA

### PERIZINAN BERUSAHA BERBASIS RISIKO NOMOR INDUK BERUSAHA: 9120109862561

Berdasarkan Undang-Undang Nomor 6 Tahun 2023 tentang Penetapan Peraturan Pemerintah Pengganti Undang-Undang Nomor 2 Tahun 2022 tentang Cipta Kerja Menjadi Undang-Undang, Pemerintah Republik Indonesia menerbitkan Nomor Induk Berusaha (NIB) kepada:

- |  |  |
|--|--|
| 1. Nama Pelaku Usaha                                     | : PT DIAGRAM TRIPROPORSI   |
| 2. Alamat Kantor   | : JL. PEMUDA NO. 73 B GEDUNG AGNESIA LT. 1, Desa/Kelurahan Jati,<br>Kec. Pulogadung, Kota Adm. Jakarta Timur, Provinsi DKI Jakarta,<br>Kode Pos: 13220 |
| No. Telepon  | : 0214701356   |
| Email  | : project@diagramtriproporsi.com   |
| 3. Status Penanaman Modal                                | : PMDN   |
| 4. Kode Klasifikasi Baku Lapangan Usaha Indonesia (KBLI) | : Lihat Lampiran   |

NIB ini berlaku di seluruh wilayah Republik Indonesia selama menjalankan kegiatan usaha dan berlaku sebagai hak akses kepabeanaan, pendaftaran kepesertaan jaminan sosial kesehatan dan jaminan sosial ketenagakerjaan, serta bukti pemenuhan laporan pertama Wajib Laport Ketenagakerjaan di Perusahaan (WLKP).

Pelaku Usaha dengan NIB tersebut di atas dapat melaksanakan kegiatan berusaha sebagaimana terlampir dengan tetap memperhatikan ketentuan peraturan perundang-undangan.

Diterbitkan di Jakarta, tanggal: 26 Agustus 2019  
Perubahan ke-4, tanggal: 10 Agustus 2022

**Menteri Investasi/  
Kepala Badan Koordinasi Penanaman Modal,**



Ditandatangani secara elektronik

Dicetak tanggal: 4 Oktober 2023

1. Dokumen ini diterbitkan sistem OSS berdasarkan data dari Pelaku Usaha, tersimpan dalam sistem OSS, yang menjadi tanggung jawab Pelaku Usaha.
2. Dalam hal terjadi kekeliruan isi dokumen ini akan dilakukan perbaikan sebagaimana mestinya.
3. Dokumen ini telah ditandatangani secara elektronik menggunakan sertifikat elektronik yang diterbitkan oleh BSrE-BSSN.
4. Data lengkap Perizinan Berusaha dapat diperoleh melalui sistem OSS menggunakan hak akses.





**PEMERINTAH REPUBLIK INDONESIA**  
**PERIZINAN BERUSAHA BERBASIS RISIKO**  
**LAMPIRAN**  
**NOMOR INDUK BERUSAHA: 9120109862561**

Lampiran berikut ini memuat daftar bidang usaha untuk:

**A. Tabel Kegiatan Usaha yang Memiliki Perizinan Berusaha yang Berlaku Efektif sebelum implementasi Undang-Undang Nomor 11 Tahun 2020 tentang Cipta Kerja**

No.	Kode KBLI	Judul KBLI	Lokasi Usaha	Perizinan Berusaha
1	71102	Aktivitas Keinsinyuran dan Konsultasi Teknis YBDI	Agnesia Building lantai 1 Jl Pemuda 73 B , Jakarta, Desa/Kelurahan Jati, Kec. Pulogadung, Kota Adm. Jakarta Timur, Provinsi DKI Jakarta Nama Penerbit Izin: PT Agnesia Wana Artha Nomor Izin: 011/P/AWA-OB/XII/2021/PPJ Tanggal terbit: 20 Desember 2021	Nama Penerbit Izin: Lembaga Pengelola dan Penyelenggara OSS Nomor Izin: 9120109862561 Tanggal terbit: 26 Agustus 2019

**B. Tabel Kegiatan Usaha Perizinan Berusaha Berbasis Risiko**

No.	Kode KBLI	Judul KBLI	Lokasi Usaha	Tingkat Risiko	Perizinan Berusaha		
					Jenis	Status	Keterangan
1	71102	Aktivitas Keinsinyuran dan Konsultasi Teknis YBDI	Gedung Agnesia Lt 1 Jl Pemuda No 73B RT 004 RW 009 Jati, Pulogadung, Desa/Kelurahan Jati, Kec. Pulogadung, Kota Adm. Jakarta Timur, Provinsi DKI Jakarta Kode Pos: 13220	Menengah Tinggi	NIB Sertifikat Standar	Terbit Telah Terverifikasi	-

1. Dengan ketentuan bahwa NIB tersebut hanya berlaku untuk Kode dan Judul KBLI yang tercantum dalam lampiran ini.
2. Pelaku Usaha wajib memenuhi persyaratan dan/atau kewajiban sesuai Norma, Standar, Prosedur, dan Kriteria (NSPK) Kementerian/Lembaga (K/L).
3. Verifikasi pemenuhan persyaratan Pelaku Usaha dilakukan oleh Kementerian/Lembaga/Pemerintah Daerah terkait.
4. Lampiran ini merupakan bagian tidak terpisahkan dari dokumen NIB tersebut.

1. Dokumen ini diterbitkan sistem OSS berdasarkan data dari Pelaku Usaha, tersimpan dalam sistem OSS, yang menjadi tanggung jawab Pelaku Usaha.
2. Dalam hal terjadi kekeliruan isi dokumen ini akan dilakukan perbaikan sebagaimana mestinya.
3. Dokumen ini telah ditandatangani secara elektronik menggunakan sertifikat elektronik yang diterbitkan oleh BSrE-BSSN.
4. Data lengkap Perizinan Berusaha dapat diperoleh melalui sistem OSS menggunakan hak akses.





**PEMERINTAH REPUBLIK INDONESIA**

**PERIZINAN BERUSAHA BERBASIS RISIKO  
SERTIFIKAT STANDAR : 91201098625610003**

Berdasarkan Undang-Undang Nomor 6 Tahun 2023 tentang Penetapan Peraturan Pemerintah Pengganti Undang-Undang Nomor 2 Tahun 2022 tentang Cipta Kerja Menjadi Undang-Undang, Pemerintah Republik Indonesia menerbitkan Sertifikat Standar kepada Pelaku Usaha berikut ini:

- |  |  |
|--|--|
| 1. Nama Pelaku Usaha                                     | : PT DIAGRAM TRIPROPORSI   |
| 2. Nomor Induk Berusaha (NIB)                            | : 9120109862561  |
| 3. Alamat Kantor   | : JL. PEMUDA NO. 73 B GEDUNG AGNESIA LT. 1, Desa/Kelurahan Jati,<br>Kec. Pulogadung, Kota Adm. Jakarta Timur, Provinsi DKI Jakarta,<br>Kode Pos: 13220           |
| 4. Status Penanaman Modal                                | : PMDN   |
| 5. No. Telepon   | : 0214701356   |
| 6. Kode Klasifikasi Baku Lapangan Usaha Indonesia (KBLI) | : 71102 - Aktivitas Keinsinyuran dan Konsultasi Teknis YBDI  |
| 7. Lokasi Usaha  | : Agnesia Building lantai 1 Jl Pemuda 73 B , Jakarta, Desa/Kelurahan Jati,<br>Kec. Pulogadung, Kota Adm. Jakarta Timur, Provinsi DKI Jakarta,<br>Kode Pos: 13220 |
| 8. Status  | : Disetujui secara otomatis oleh sistem OSS (fiktif positif) berdasarkan<br>Peraturan Pemerintah Nomor 5 Tahun 2021 Pasal 204.                                   |

Lampiran Sertifikat Standar ini memuat daftar persyaratan dan/atau kewajiban sesuai dengan kode KBLI Pelaku Usaha dan merupakan bagian tidak terpisahkan dari dokumen Sertifikat Standar yang dimaksud. Pelaku Usaha dengan Sertifikat Standar tersebut di atas wajib menjalankan kegiatan usahanya sesuai dengan ketentuan peraturan perundang-undangan.

Diterbitkan tanggal: 14 Maret 2024

**a.n. Menteri Pekerjaan Umum dan Perumahan Rakyat  
Menteri Investasi/  
Kepala Badan Koordinasi Penanaman Modal,**



**Ditandatangani secara elektronik**

Dicetak tanggal: 14 Maret 2024



**PEMERINTAH REPUBLIK INDONESIA**

**PERIZINAN BERUSAHA BERBASIS RISIKO  
LAMPIRAN  
SERTIFIKAT STANDAR : 91201098625610003**

Lampiran berikut ini memuat daftar bidang usaha, persyaratan dan/atau kewajiban:

<b>Kode KBLI</b>	<b>Judul KBLI</b>	<b>Klasifikasi Risiko</b>	<b>Persyaratan dan/atau Kewajiban</b>	<b>Bukti Pemenuhan</b>	<b>Lembaga Verifikasi</b>	<b>Masa Berlaku</b>
71102	Aktivitas Keinsinyuran dan Konsultasi Teknis YBDI	Menengah Tinggi	Persyaratan: - Standar Penetapan Kemampuan Badan Usaha Jasa Konstruksi  Kewajiban: - Melaporkan kegiatan usaha tahunan - Melakukan pencatatan pengalaman badan usaha - Menerapkan standar keamanan, keselamatan, kesehatan dan keberlanjutan meliputi: Standar mutu bahan; Standar mutu peralatan; Standar keselamatan dan kesehatan kerja; Standar prosedur pelaksanaan Jasa Konstruksi; Standar mutu hasil pelaksanaan Jasa Konstruksi; Standar operasi dan pemeliharaan. Pedoman perlindungan sosial tenaga kerja sesuai ketentuan peraturan perundang-undangan; dan Standar pengelolaan lingkungan hidup sesuai ketentuan peraturan perundang-undangan.	Disetujui secara otomatis oleh sistem OSS (fiktif positif) berdasarkan Peraturan Pemerintah Nomor 5 Tahun 2021 Pasal 204.	Kementerian Pekerjaan Umum dan Perumahan Rakyat	Selama Pelaku Usaha menjalankan kegiatan usaha

1. Dengan ketentuan bahwa Sertifikat Standar tersebut hanya berlaku untuk Kode dan Judul KBLI yang tercantum dalam lampiran ini.
2. Pelaku Usaha wajib memenuhi persyaratan dan/atau kewajiban sesuai Norma, Standar, Prosedur, dan Kriteria (NSPK) Kementerian/Lembaga (K/L).
3. Verifikasi pemenuhan persyaratan Pelaku Usaha dilakukan oleh Kementerian/Lembaga/Pemerintah Daerah terkait.
4. Lampiran ini merupakan bagian tidak terpisahkan dari dokumen Sertifikat Standar tersebut.



**PEMERINTAH REPUBLIK INDONESIA**

**SERTIFIKAT BADAN USAHA  
SERTIFIKAT BADAN USAHA (SBU) KONSTRUKSI  
NOMOR: 202306300834090517649**

Pemerintah Republik Indonesia menerbitkan Sertifikat Badan Usaha (SBU), yang merupakan tanda bukti pengakuan kemampuan terhadap klasifikasi dan kualifikasi kepada Pelaku Usaha berikut ini:

- |    |                            |   |
|----|----------------------------|---|
| 1. | Nama Pelaku Usaha          | : PT DIAGRAM TRIPROPORSI                                    |
| 2. | Nomor Induk Berusaha (NIB) | : 9120109862561   |
| 3. | Alamat Kantor              | : JL. PEMUDA NO. 73 B GEDUNG AGNESIA LT. 1                  |
| 4. | Status Penanaman Modal     | : Penanaman Modal Dalam Negeri                              |
| 5. | Kode KBLI                  | : 71102 - Aktivitas Keinsinyuran Dan Konsultasi Teknis Ybdi |
| 6. | Lokasi Usaha               | : JL. PEMUDA NO. 73 B GEDUNG AGNESIA LT. 1                  |

Telah memenuhi persyaratan sebagaimana tercantum dalam lampiran SBU yang memuat data teknis yang merupakan bagian tidak terpisahkan dari dokumen ini. Pelaku Usaha tersebut di atas wajib menjalankan kegiatan usahanya sesuai dengan ketentuan perundang-undangan yang berlaku.

Diterbitkan tanggal : 6 Mei 2026

Dicetak tanggal : 6 Mei 2026

Perubahan ke-2, tanggal : 6 Mei 2026

**a.n. Menteri Pekerjaan Umum  
Direktur Jenderal Bina Konstruksi  
Boby Ali Azhari**  
*Ditandatangani secara elektronik*





**PEMERINTAH REPUBLIK INDONESIA**  
**SERTIFIKAT BADAN USAHA (SBU) KONSTRUKSI**  
**LAMPIRAN**  
**NOMOR: 202306300834090517649**

Lampiran berikut memuat data teknis Sertifikat Badan Usaha (SBU) konstruksi sebagai berikut:

Berdasarkan Undang-undang Nomor 2 Tahun 2017 tentang Jasa Konstruksi sebagaimana telah diubah dengan Undang-undang Nomor 6 Tahun 2023 tentang Penetapan peraturan Pengganti Undang-Undang Nomor 2 tahun 2022 tentang Cipta Kerja menjadi Undang-Undang dan peraturan turunannya, dengan ini Lembaga Pengembangan Jasa Konstruksi (LPJK) menetapkan bahwa PT DIAGRAM TRIPROPORSI:

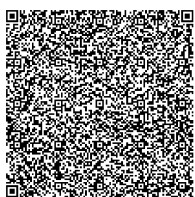
Asosiasi yang diikuti : INKINDO  
Nama PJB  
Nama PJTBU : JEFFRY FENDY / F 1993 66212 2023 0134719 SI 19  
Nama PJTBU 2 : -  
E-mail : project@diagramtriproporsi.com  
NPWP : 0013645445003000  
Jenis Usaha : Jasa Konsultansi Konstruksi  
Nomor Registrasi LPJK : F.3.01.RK.M.02.2026.0047953  
Ditetapkan tanggal : 2026-05-06  
Masa Berlaku s.d. : 2029-05-05

Ditetapkan sebagai Badan Usaha Jasa Konstruksi dengan kemampuan, rincian kualifikasi & subklasifikasi dan status pemenuhan kewajiban sebagai berikut:

**Rincian Kualifikasi dan Subklasifikasi**

No	Kualifikasi	Kode Subklas	Sifat	KBLI	Subklasifikasi	Nama PJSKBU
1.	Menengah	RK002	Umum	71102	Jasa Rekayasa Pekerjaan Teknik Sipil Sumber Daya Air	ARYO PRATIWO F 2017 32707 2024 0181643 SI 19

Pelaksana sertifikasi : Lembaga Sertifikasi INKINDO

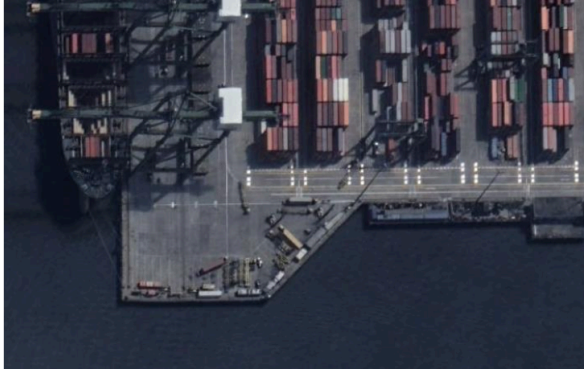


**Keterangan:**

Informasi umum, data teknis, rincian kualifikasi dan subklasifikasi serta status pemenuhan kewajiban pelaku usaha yang tercatat pada website LPJK juga dapat dilihat pada QRCode berikut, dan dapat diverifikasi menggunakan Aplikasi Jakontrust.

## Consultant Services for The Enhancement of Wharf Infrastructure at NPCT1, Jakarta (2024)

Site Visit, Soil Investigation, Detailed Engineering Design, Cost Estimation, Tender Document, Contractor Evaluation, Supervision



## Basic Design Liquid Terminal in Belawan & Dumai Owned by PT Pelindo Multi Terminal (2023-2024)

Site Visit, Survey, Jetty Design, Land Facilities Design, Cost Estimation, Spec Tech Doc



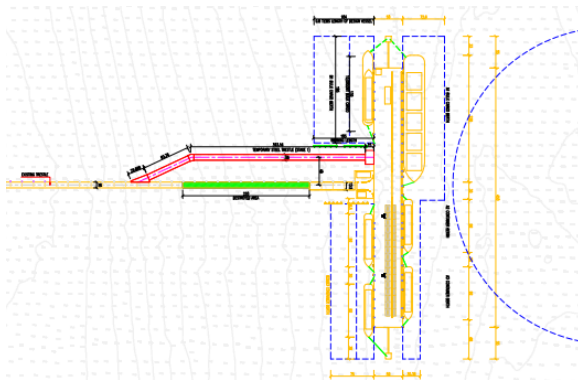
## Rehabilitation Design of Container Yard and Drainage System in PT Jakarta International Container Terminal Due To West Jetty Construction and Sea Water Level Adjustment (2022-2023)

Site visit, Topographic Survey, Container Yard Layouting, Detailed Engineering Design, Tender Document.



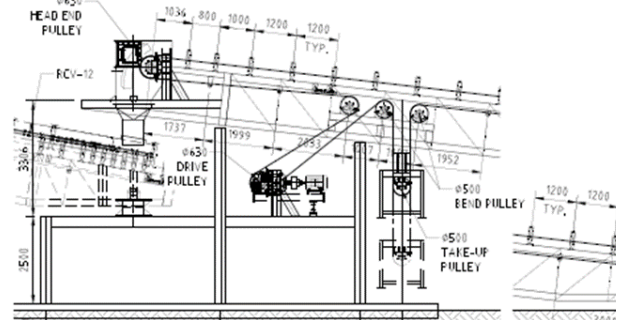
## Review Design Consult Seaport Jetty & Trestle - OKI Seaport (2022-2024)

Design jetty & trestle validation



## Detailed Engineering Design and Supervision of Special Terminal Teluk Timbau in Central Kalimantan (2022-2023)

Detailed Engineering Design for Jetty, Conveyor, and Handling Material, Cost Estimation, Tender Document.

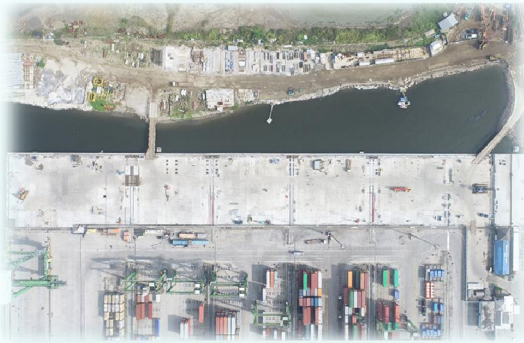


## Consultancy Service for Design the Major Repairment and Modification of Conveyor Belt Unit including Accessories owned by PT Pelabuhan Indonesia (Persero) Regional 2 Bengkulu (2022-2023)

Site Visit, Survey & Data Collection, Dry Bulk Terminal Study, Detailed Engineering Design for Conveyor Belt Repairment, Modification Feeder, and Loading System, Cost Estimation, Tender Document, Tender Assistance.



## Independent Engineer Consultancy Services Work on The Construction of 57-meter Container Yard in North Kalibaru Terminal, Tanjung Priok Port (2021)



## Design and Supervision Consultant (DSC) Emergency Assistance for Rehabilitation and Reconstruction (EARR) Port of Pantoloan, Donggala and Wani, Central Sulawesi Province - Indonesia (2020)

Survey, Feasibility Study, Masterplan, Detailed Design, Tender Document & Supervision



## Design and Construction Supervision of 107 Selatan, 219-223X, and Eks. Tjetot Container Yard in Tanjung Priok (2020)

Topographic Survey, Soil Investigation, Detailed Design, Tender Document & Supervision



219-223X Container Yard



Eks. Tjetot Container Yard

## Survey, Investigation and Design Jetty PT. Sinarjaya Inti Mulya on Jl. Soekarno Hatta, Srengsem, Bandar Lampung (2020)

Hydro-Oceanic Survey, Soil Investigation, Detailed Design & Tender Document



107 Selatan Container Yard



## Soil Investigation of Floating Mosque Ancol (2019)

Soil Investigation offshore (4 boring location & 4 CPT location)



## Soil Investigation North Side Lot A and B Ancol (2019)

Soil Investigation offshore (5 boring location)



## Revitalitation Plan for Multipurpose Area Sindulang West Side Inggom Jetty Plan and Jetty & Ex. Walle Jaya Yard Retrofitting in Tanjung Priok Port (2019)

Topographic Survey, Soil Investigation, Detailed Design, Cost Estimation, Technical Support, Tender Document



## Conceptual Study of Anthracite Loading Terminal in Chimbote, Peru (2019)

Conceptual Layout Plan



## Lameruru Port Master Plan Study (2019)

Site Visit, Validation-analysis and evaluation of data, Preparation Master Plan Lameruru



## Cost Estimation On Saumlaki Terminal Gateway Asia (2019)

Cost Estimation



## Consultancy and Design of Jetty Construction in Talisayan, Brerau, East Kalimantan (2019)

Detailed Design, Cost Estimation, Tender Document



## Jetty Consultancy Lubuk Gaung Dumai (2018)

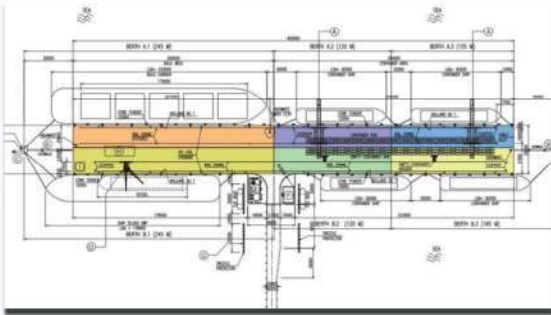
Site Visit, Collecting data, Assessment, and Recommendation



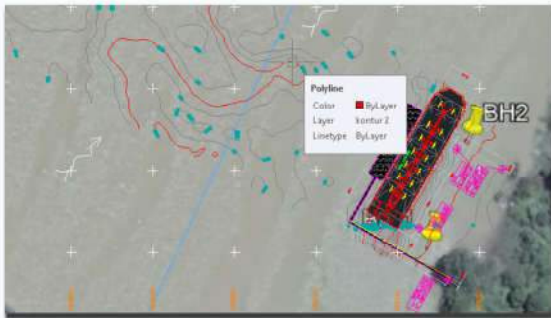
**Construction Supervision of Dredging work AKR West Nilam, Tanjung Perak Surabaya (2018)**  
Supervision for Dredging Work



**Jetty Design Validation on PT Oki Pulp & Paper Mills, Palembang (2018)**  
Review Design



**Survey, Investigation and Design Jetty AKR Banyuasin, South Sumatera (2018)**  
Hydro Oceanography Survey, Detailed Design, Cost Estimation, Technical Specification, Tender Document



**Rehabilitation Design and Elevation Disposition of Container Yard 216x - 218x, PT Pelabuhan Indonesia II Tanjung Priok Port (2018)**  
Topographic Survey, Detailed Design, Cost Estimation, Technical Specification, Tender Document



**Measurement of Parking Area Situations PT Taman Impian Jaya Ancol on Dufan Plaza East Coast and Carnival (2018)**  
Measurement Survey, Topographic Survey



**Improvement & Rehabilitation Design Container Yard Ex. Pacific Paint Phase II and Ex. Perca Warehouse, PT Pelabuhan Indonesia II Tanjung Priok Port (2018)**  
Topographic Survey, Soil Investigation, Detailed Design, Cost Estimation, Technical Specification, Tender Document



**Survey, Assesment and Review Design Jetty West Nilam Tanjung Perak Surabaya, PT AKR Corporindo (2018)**  
Bathymetry Survey, Detailed Design, Cost Estimation



**Survey Investigation and Design Jetty AKR Buntok, Muara Teweh, Central Kalimantan (2018)**  
Bathymetry Survey, Hydro Oceanography Survey, Soil Investigation Survey Detailed Design, Cost Estimation, Technical Specification, and Tender Document



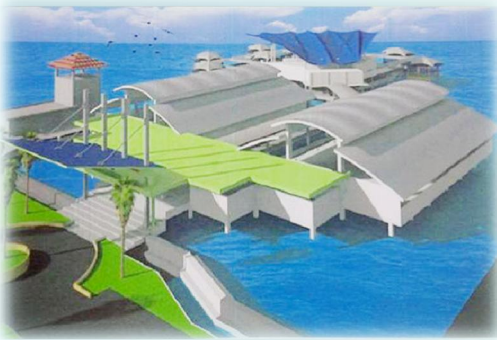
## Detailed Engineering Design Berthing Facilities & Terminal Layout Pontianak Container Port, West Kalimantan (2017)

Study Layout, Detail Design, Estimation, Tender Document



## Floating Restaurant Muara Angke, PT Kepland Investama, North Jakarta (2017)

Structural Checking



## Pekerjaan Survei dan Soil Investigasi, PT Sumatera Bulkera, Bontang, West Kalimantan (2017)

Field Survey: Soil Investigation, Bathymetric Survey, Hydro-Oceanographic survey



## Detailed Engineering and Design (DED), Ministry of Transportation, Donggala Port, Sulawesi (2016)

Assessment Survey, Geotechnical Investigation, Review Existing Design, Detailed Design, Cost Estimation, Tender Document



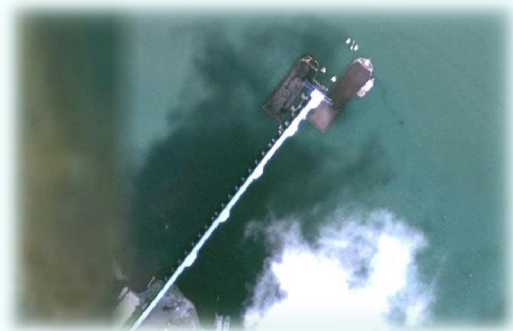
## DED Jetty & Trestle, Container Yard, and Supporting Facilities for Container Terminal in Kendari New Port, Pelindo IV, South-East Sulawesi (2016)

Detailed Design, Cost Estimation, Tender Document



## Redesign of Breasting & Mooring Dolphin at Bunyu Island, Adani Global PT, North Kalimantan (2016)

Redesign



## **DLKr DLKp Study for Depapre Port, Transportation Agencies Jayapura Regency, Papua (2016)**

Field Survey, Validation, Analysis, and Evaluation of Data and Preparation DLKr DLKp Depapre



## **Detailed Engineering Design of Jetty and Trestle in Sei Sembilang, PT Sumber Hijau Permai South Sumatra (2016)**

Bathymetry Survey, Detail Design, Cost Estimation,



## **Construction Management of Jetty 7.3 and 4.5 - 4.6 in Cilegon, PT Krakatau Bandar Samudra, West Java (2016)**

Construction Supervision and Construction Management



## **Supervision of Basin Dredging in Jetty 3, PT Krakatau Bandar Samudra, Cilegon, West Java (2016)**

Construction Supervision



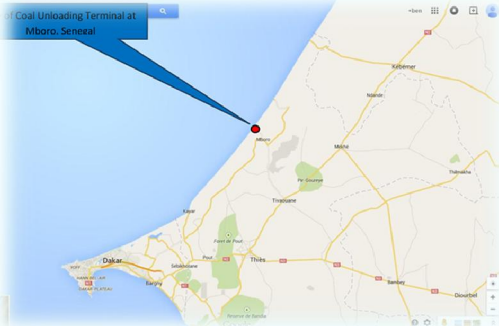
## **Site Selection and Location Determination for Ports in Indramayu Regency, PT Suryacipta Semesta, West Java (2016)**

Site Selection, Bathymetry Survey, & Feasibility Study



## Conceptual of Jetty Layout in Senegal, PT Synco Global (2015)

Conceptual Design



## Detailed Engineering Design and Planning Layout for Reclamation & Revetment Kendari New Port Container Terminal, South-East Sulawesi (2015)

Detailed Engineering Design and Planning Layout



## Preparation of Study DLKr and DLKp Port of Sunda Kelapa, Port Authority of Tanjung Priok, Jakarta (2015)

Survey and Design



## Bathymetri Survey, Soil Investigation, DED, Supervision Construction of Port PT CS2 Pola Sehat Banyuasin, Palembang - South Sumatera (2015)

Field Survey, Validation, Analysis, and Evaluation of Data



## Detailed Engineering Design of Bengkulu Coal Port Berthing Facility, PT. AURECON (2015)

Detailed Engineering Design



## Detail Engineering Design, Tender Assistance and Construction Supervision for Piperack of Marunda Center Terminal, Phase 1A North Jakarta, PT. Pelabuhan Tegar Indonesia (2015)

Detailed Engineering Design



## Review Master Plan of Depapre Container Port, Jayapura, Transportation Agencies Jayapura Regency Papua Province (2014)

Review Masterplan of Depapre Container Port



## Bankable Feasibility Study of Jetty and Infrastructure Cluster NPK Chemicals, PT Pupuk Kaltim, East Kalimantan (2014)

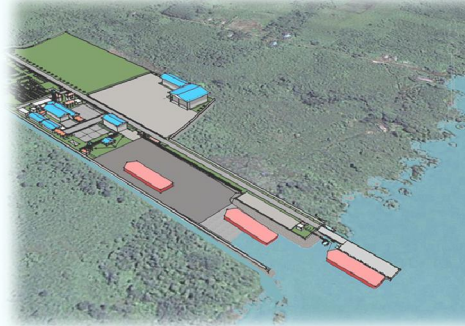
Feasibility Study



**Construction Management of Jetty 5 at The TUKS Area of PT Krakatau Steel, Tbk (2013)**  
Construction Management Service



**Detail Engineering Design of Pier and Slipway Dock for Supply Base Terminal at Pendingin, East Kalimantan, PT Elnusa, Tbk. (2014)**  
Detailed Engineering Design, Cost Estimation



**Greater Makassar Port, PT Pelindo IV, South Sulawesi (2012)**  
Review of Greater Makassar Port Integrated Masterplan.



**Reclamation of Balikpapan Plaza, PT Pandega Citraniaga, East Kalimantan (2012)**  
Revetment and Site Development



**Jetty Construction Plan of PPL Sungai Lais, PT Pelindo II, Palembang (2012)**  
Survey, Investigation and Design



**Jetty DUKS 50.000 DWT Capacity, PT Tunas Baru Lampung (2011)**  
Pile Arrangement Review Design



**EPCM Consultant Services Procurement Two (2) Unit Hopper 750 Ton per Hour, Banten Province, PT. Krakatau Bandar Samudera (2011)**  
Engineering Design, Tender Assistance, Supervision Works



## Container Terminal Development Study in Pontianak, Palembang and Bengkulu, PT Pelindo II (2011)

Prefeasibility study



## Preliminary Design Offshore Handling Facilities and Jetty at Tanjung Carat, PT Adani Global, South Sumatera (2011)

Consulting Desain for Reclamation and Jetty



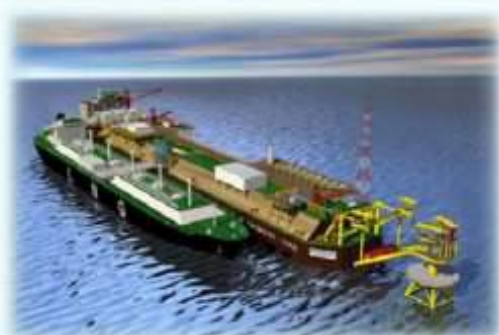
## Rehabilitation of Jetty Pertamina RU-II Pakning River, Dumai (2010)

Site Visit, Collecting data, Survey, Reports Desain



## LNG FSRU Terminal and Central Java Master plan in Offshore Region of Tanjung Emas Port, PT Pertamina, Semarang (2011)

Master Plan Recommendation



## Master Plan of Brondong Port, Ministry of Transportation, East Java (2009)

Site Visit, Collecting Data, Surveys and Master Plan



## Green Bay Project - Pluit, PT Kencana Unggul Sukses, Jakarta (2009)

Design Consulting for Revetment and Reclamation



## Detail Engineering Design of Belawan Port Development (Phase I) PT Pelindo I, (2009)

Bathymetric Survey, Soil Investigation, Detail Design, Preparation of Tender Documents.



## Construction Supervision of Kariangau Cargo Terminal, PT Pelindo IV, Balikpapan (2009)

Construction Supervision, Reports Preparation



## Detailed Engineering Design of Jetty at Eastern Breakwater Tj. Priok, PT Pelindo II (2009)

Design of Port, Berthing Facilities, Prepare a Feasibility study on the Port Development Plan.



## Coal Logistic Study, PT Pelindo II (2009)

Study of Coal Logistic by Railways, Basic Design of Handling Facilities, Estimation of Investment Cost Operation Expenses



## Detail Design for Services Jetty of Pupuk Kaltim Bontang (2008)

Hydro-Oceanografi & Bathymetri Survey, Detail Design



## Engineering Design & Construction Supervision Matak Reclamation, PT Conoco Phillips (2008)

Basic Design of Coal Handling Facilities, Estimation of Investment cost & Operation Expenses.



## Basic Design Jetty for LPG Refrigerated Receiving Terminal, PT Bhakti Mingasutama, Eretan (2008)

Hydro-Oceanografi and bathymetri survey, Offshore Soil Investigation, Conceptual Design, Construction Cost Estimation



## Design Unloading Jetty Muara Karang Gas Power Plant (2008)

Hydro-Oceanografi and Bathymetri survey, Reports on Hydrology and Meteorology, Detail Design



## Technical Assistance Belawan Port Development PT Pelindo I, Medan, North Sumatera (2007)

Review Study Master Plan, Hydro-Oceanografi and bathymetri Survey, Fotogrametri & Assesment of Existing Facilities



## Survey and Detail Design, Kariangau Port, PT Pelindo IV, Balikpapan, East Kalimantan (2008)

Hydro-Oceanografi, Topographic, Bathymetri Survey and Detail Design



## Detail Design Depapre Port Fase II & III Jayapura, Papua (2007)

Review Study Master Plan, Soil Investigation,  
Hydro-Oceanography, Topo-Bathy and Detail Design



## Calang, Sinabang Port Development, BRR-NAD (2006)

Investigation, Detail Engineering Design, Construction Supervision



## Detail Engineering Design of Malahayati, Lhokseumawe Port. BRR-NAD (2006)

Investigation and Detail Engineering Design



## Oil and gas Special Port of PT Pertamina Balongan, Indramayu (2006)

Study of Master Plan



## Depapre Port Jayapura, Papua (2005)

Survei investigation and Detail Engineering Design



## Auction Hall, Jakarta Fishing Port, Jakarta (2004)

Detailed Design of Rehabilitation



## Jetty for Oil Bunker in Jakarta Fishing Port Muara Baru, Jakarta (2003)

Survei investigation and Detail Engineering Design



## Special Port of PT Pupuk Kalimantan Timur, Bontang, East Kalimantan (2003)

Master Plan



**Palaran Port, Samarinda, East Kalimantan (2003-2004)**  
Master Plan and Detailed Design



**Tarakan Port, East Kalimantan (2003)**  
Master Plan



**Special Port of PT.Pupuk Kalimantan Timur, Bontang East Kalimantan (2003)**  
Master Plan



**Jakarta Fishing Port, Muara Baru (1996-2002)**  
Master Plan, Detailed Design and Construction Supervision



**Dumai Port - Phase III, Riau (2001-2007)**  
Master Plan, Detailed Design and Construction Supervision



**Anggrek Port, Gorontalo, North Sulawesi (1995-1998)**  
Detailed Design and Construction Supervision.



**Martapura Port, Banjarmasin, South Kalimantan (1996)**  
Detailed Design.



**Seget Port, Sorong, Papua (1995-1998)**  
Detailed Design and Construction Supervision



**Sabu Timur Port, East Nusa Tenggara (1995-1998)**  
Detailed Design and Construction Supervision



**Maumbawa Port, East Nusa Tenggara (1995-1998)**  
Detailed Design and Construction Supervision



**Ransiki Port, Manokwari, Papua (1995-1998)**  
Detailed Design and Construction Supervision



**Reo Port, East Nusa Tenggara (1994-1997)**  
Detailed Design and Construction Supervision



**Tagulandang Port, North Sulawesi (1994-1997)**  
Detailed Design and Construction Supervision



**Numfor Port, Papua (1994-1997)**  
Detailed Design and Construction Supervision.



**Martapura Port, Banjarmasin, South Kalimantan (1996)**  
Detailed Design.



**Seget Port, Sorong, Papua (1995-1998)**  
Detailed Design and Construction Supervision



**Surabaya and Eastern Indonesia Port (1994-1995)**  
Feasibility Study and Traffic Analysis



**Baruna Jaya Research Vessel Base, Banten (1994-1995)**  
Master Plan and Detailed Design.



**Dumai Port - Phase II, Riau (1992-1996)**  
Detailed Design and Construction Supervision



**Balikpapan Port, East Kalimantan (1993-1994)**  
Detailed Design.



**Durlangkang Water Supply Dam, Batam (1990-1993)**  
Detailed Design and Construction Supervision



**Balikpapan Port, East Kalimantan (1988-1992)**  
Construction Supervision.



**Dumai Port - Phase I, Riau (1989-1990)**  
Construction Supervision of Reclamation.



**PERTAMINA Oil Jetty, Tenau, Kupang, East Nusa Tenggara (1988-1989)**  
Detailed Design and Construction Supervision



**Banjarmasin Port, South Kalimantan (1988-1992)**  
Detailed Design and Constuction Supervision



**Jakarta Fishing Port, Jakarta (1998)**  
Detailed Design of Jetty and Breakwater.



**Banjarmasin Port, South Kalimantan (1988-1989)**  
Supervision of Dredging Work



**Balikpapan Port, East Kalimantan (1985-1986)**  
Master Plan and Detailed Design.



**Babo Port, Papua (1985)**  
Detailed Design



**Sekupang Port, Batam, Kepri (1982)**  
Detailed Design



**ASEAN Aceh Fertilizer Port, Lhokseumawe, Aceh (1981-1983)**  
Construction Supervision



**Pulau Baal Port, Bengkulu (1981)**  
Detailed Design



## *List of Company Experiences*

### **The Last Ten Years (2016 – 2026)**

No	Project, Location	Owner / Source of Fund	Main / Associate	Year	Job Descriptions
1	Construction Supervision Service For Mobile Equipment Charging Station PT Jakarta International Container Terminal	PT Jakarta International Container Terminal	Main	2026	- Supervision
2	Consultancy Services for Review and Re-Design Wharf, Buton-Siak, Riau	PT Oriental Resources Indonesia	Main	2026	- Review Design - Re-Design - Cost Estimation
3	Soil Investigation Buton, Siak, Riau	PT Oriental Resources Indonesia	Main	2026	- Soil Investigation
4	Bathymetric Survey Of Upstream Tributary of Mahakam River (Leg 1 : Kelinjau River, Leg 2: Kedang Kapala River) in East Kalimantan Province	PT Bara Energi Makmur	Main	2025	- Position and Elevation Survey - River Bathymetry Survey - River Current Measurement - Water Level Elevation Measurement - Elevation of Three Bridges - Brief reporting of the following matters : Brage size that can safely transit the river base on bathymetry findings, Indication of transshipment location alongside the bank of the river, Indication of stoppile road at the river bank which can be seen during the survey
5	Design Consultant Of Mobile Equipment Charging Station PT Jakarta International Container Terminal	PT Jakarta International Container Terminal	Main	2025	- Detailed Engineering Design - Tender document - Supervision
6	Detail Engineering Design for Civil Structure Work Additional Rewinder Block 12; Roll Handling System Block 11,12 & 13	PT OKI Pulp & Paper Mills	Main	2025	- Site Visit and Data Gathering - Detailed Engineering Design - Detailed Engineering Design phase will analyze the following facilities: - Civil Detail Design {DED}for Add RW 12 - Change Orientation from Left Side to the Right Side - Civil Detail Design (DED)for New Roll Handling System for Block 11, 12 & 13
7	Preliminary design for AKR fuel terminal in Morowali	PT Swi Jetty Nusantara	Main	2025	- Data collection - Prelimenary design
8	Marina Jetty Design Project in Mawatu, Labuan Bajo, NTT	PT Graha Properti Santosa	Main	2025	- Data collection - Detailed Engineering Design - Engineering Drawing - Bill of Quantity & Cost Estimation - Technical Specification - Tender document
9	Review and Update for Environmental Management & Monitoring Efforts (UKL-UPL) and Offshore Construction Service Permit	PT Mentari Alam Persada	Main	2025	- Review and Update for Environmental Management & Monitoring Efforts Documents (UKL-UPL) - Review and Update for Offshore Construction Service Permit
10	Review Design Consult Seaport Jetty & Trestle - OKI Seaport	PT OKI Pulp & Paper Mills	Main	2024-2025	- Review Design for new trestle 420 m long, temporary trestle, expansion existing jetty, expansion to the new trestle - Review and confirm, the detailed design

# *List of Company Experiences*

## **The Last Ten Years (2016 – 2026)**

No	Project, Location	Owner / Source of Fund	Main / Associate	Year	Job Descriptions
					<ul style="list-style-type: none"> <li>prepared &amp; technical spesification by EPC Contractor</li> <li>- Attend weekly meeting</li> <li>- Monthly report</li> </ul>
11	Topographic Survey Work, Flood Defense, Hydrography/Bathymetry & Soil Investigation - Jetty Project, Central Kalimantan	PT Bahtera Semesta Indonesia Jaya	Main	2024	<ul style="list-style-type: none"> <li>- Topography Survey</li> <li>- Flood Defence Survey</li> <li>- Bathymetry &amp; Hydrographic Survey</li> <li>- Soil Investigation Survey</li> </ul>
12	Provision of Consultant Services for The Enhancement of Wharf Infrastructure at NPCT1, Jakarta	PT New Priok Container Terminal One (NPCT1)	Main	2024	<ul style="list-style-type: none"> <li>- Detailed Engineering Design for mooring dolphin with access bridge</li> <li>- DED &amp; Technical working method for fender</li> <li>- Bill of Quantity &amp; Cost Estimation</li> <li>- Technical Specification</li> <li>- Tender document &amp; evaluation standard</li> <li>- Contractor selection (review on tenderers technical compliance)</li> <li>- Project Supervision</li> </ul>
13	Preliminary Calculations to Determine Optimum Size of Piles, Structural Concrete Elements, and Fenders based on Freeport's Conceptual Design for Jetty in Mimika, Papua	PT Swi Jetty Nusantara	Main	2024	<ul style="list-style-type: none"> <li>- Basic Design Jetty</li> <li>- Calculate the optimum size of piles, structural concreteelements, and fenders</li> <li>- Bill of Quantity (volume calculation)</li> </ul>
14	Lerokis Jetty Improvement - Soil Investigation	PT Batutua Tembaga Raya	Main	2024	<ul style="list-style-type: none"> <li>- Soil Investigation 2 points offshore &amp; 3 points onshore</li> <li>- Laboratory test</li> <li>- Soil &amp; Foundation Report</li> </ul>
15	Survey, Soil Investigation, and Detailed Engineering Design Jetty LCT in Bumbulan, Gorontalo Project	PT Mentari Alam Persada	Main	2023	<ul style="list-style-type: none"> <li>- Site Visit &amp; Data Collection</li> <li>- Bathimetric Survey 200 m x 100 m</li> <li>- Current Survey 1 point @ 25 hours</li> <li>- Tidal Survey 14 days</li> <li>- Soil Investigation 2 points offshore @ 40 m depth.</li> <li>- Detailed Engineering Design for LCT Jetty</li> <li>- Cost Estimation</li> <li>- Technical Specification</li> <li>- Tender Document</li> </ul>
16	Additional Works Topographic Survey 4 Ha For Survey, Soil Investigation, and Detailed Engineering Design Jetty LCT in Bumbulan, Gorontalo Project	PT Mentari Alam Persada	Main	2023	<ul style="list-style-type: none"> <li>- Topographic Survey 4 Ha</li> </ul>
17	Consultancy Services for Basic Design of Liquid Bulk Terminals in Belawan Branch and Dumai Branch of PT Pelindo Multi Terminal	PT Pelindo Multi Terminal	Main	2023- 2024	<ul style="list-style-type: none"> <li>- Site Visit</li> <li>- Data collection</li> <li>- Topographic Survey</li> <li>- Basic Design for Jetty Expansion in 2 locations (Belawan &amp; Dumai)</li> <li>- Basic Design for Land Facilities including water treatment, drainage, waste, electrical, mechanical, fire hydrant system, evacuation route</li> <li>- Cost Estimation</li> <li>- Technical Specification</li> <li>- Investment and Port Rates Calculation</li> </ul>

## *List of Company Experiences*

### **The Last Ten Years (2016 – 2026)**

No	Project, Location	Owner / Source of Fund	Main / Associate	Year	Job Descriptions
18	Basic Design and Cost Estimation for 100.000 DWT Capacity Jetty owned by PT Dover Chemical in Morowali, Central Sulawesi	PT Dover Chemical	Main	2023	<ul style="list-style-type: none"> <li>- Data Collection</li> <li>- Basic Design for 100.000 DWT vessel.</li> <li>- Cost Estimation</li> <li>- Technical Specification</li> </ul>
19	Pre-Tender Jetty Design owned by Adaro Logistic in Kelanis, Central Kalimantan	PT Swi Jetty Nusantara	Main	2023	<ul style="list-style-type: none"> <li>- Data Collection</li> <li>- Detailed Engineering Design Jetty including Mooring Dolphin, Berthing Dolphin, Platform, Catwalk, Pedestal Crane Pad, Pile Protection Foundation, Trestle, Guard Pile.</li> <li>- Engineering Drawing</li> </ul>
20	Review Design and Tender Technical Evaluations for Construction of Jetty 4.3 – 4.4 owned by PT KBS	PT Krakatau Bandar Samuder	Main	2023	<ul style="list-style-type: none"> <li>- Site Visit</li> <li>- Soil Investigation</li> <li>- Bathymetry Survey Pre-Dredging</li> <li>- Review Existing Jetty Design</li> <li>- Detailed Engineering Design for New Jetty</li> <li>- Engineering Drawing</li> <li>- Cost Estimation &amp; Bill of Quantity</li> <li>- Technical Specification</li> <li>- Tender Assistance</li> <li>- Tender Evaluation &amp; Contractor Awarding</li> </ul>
21	Supervision Service Work for Cable Trench Strengthening on North Side of Jetty 1A in Kalibaru Terminal	PT Pelindo Solusi Logistik	Main	2023	<ul style="list-style-type: none"> <li>- Supervision on construction work stage</li> <li>- Supervision on maintenance stage</li> <li>- Weekly meeting</li> <li>- Monthly &amp; final report</li> </ul>
22	Feasibility Study for Morowali Project	PT Dover Chemical	Main	2023	<ul style="list-style-type: none"> <li>- Site Visit &amp; Data Collection</li> <li>- Topographic Survey 10 Ha</li> <li>- Bathymetry Survey 100 Ha</li> <li>- Current Survey</li> <li>- Tidal Survey 15 Days</li> <li>- Wind &amp; Wave Analysis</li> <li>- Feasibility Study</li> <li>- Basic Design for 50.000 DWT Vessel</li> </ul>
23	Topographic Survey and Benchmarking for Pelindo's Reference in the Block Double Area of PT JICT Terminal	PT Jakarta International Terminal	Main	2022	<ul style="list-style-type: none"> <li>- Topographic survey in Container Yard Area</li> <li>- Topography map</li> </ul>
24	Review Design Consult Seaport Jetty & Trestle - OKI Seaport	PT OKI Pulp & Paper Mills	Main	2022	<ul style="list-style-type: none"> <li>- Site Visit</li> <li>- Review Design</li> <li>- Contractor's Design Validation for Jetty &amp; Trestle</li> </ul>
25	Consultancy Service for Designing the Major Repairment and Modification of Conveyor Belt Units, including Accessories, owned by PT Pelabuhan Indonesia (Persero) Regional 2 Bengkulu	PT Pelabuhan Indonesia (Persero) Regional 2 Bengkulu	Main	2022	<ul style="list-style-type: none"> <li>- Site Visit</li> <li>- Survey &amp; data collection</li> <li>- Review and analysis bearing capacity</li> <li>- Dry Bulk Terminal Operational Study</li> <li>- Detailed Engineering Design of Conveyor Belt Repairment</li> <li>- Detailed Engineering Design of Modification Feeder and Loading System on Conveyor Belt A &amp; C.</li> <li>- Engineering Drawing</li> <li>- Cost Estimation</li> <li>- Technical Specification</li> <li>- Tender Assistance</li> </ul>

# *List of Company Experiences*

## **The Last Ten Years (2016 – 2026)**

No	Project, Location	Owner / Source of Fund	Main / Associate	Year	Job Descriptions
26	Detailed Engineering Design and Supervision of The Special Terminal TelukTimbau in Central Kalimantan	PT Mega Multi Energi	Main	2022	<ul style="list-style-type: none"> <li>- Detailed Engineering Design Structure Jetty</li> <li>- Detailed Engineering Design Conveyor and Material Handling Equipment</li> <li>- BoQ and Cost Estimation</li> <li>- Technical Specification</li> <li>- Tender Assistance</li> <li>- Supervision</li> </ul>
27	Rehabilitation Design of Container Yard and Drainage System at PT Jakarta International Container Terminal Due To West Jetty Construction and Sea Water Level Adjustment	PT Jakarta International Terminal	Main	2022	<ul style="list-style-type: none"> <li>- Site Visit</li> <li>- Topographic Survey : 37 Ha</li> <li>- Container Yard Layout</li> <li>- Geotechnical Analysis</li> <li>- Design of Rigid Pavement on Container Yard</li> <li>- Design of Drainage System</li> <li>- Bill of Quantity &amp; Cost Estimation</li> <li>- Technical Specification</li> <li>- Tender Document</li> </ul>
28	Independent Engineer Consultancy Services Work on The Construction of 57-meter Container Yard in North Kalibaru Terminal, Tanjung Priok Port	PT New Priok Container Terminal One and PT Pengembang Pelabuhan Indonesia	Main	2021 -2022	<ul style="list-style-type: none"> <li>- To Study and understand the detailed design and technical specifications and drawings along with supporting data to understand the project</li> <li>- To review the construction methodology, quality, assurance and quality control procedure and reporting on findings</li> <li>- To review and check Quality Assurance / Quality Control records</li> <li>- To review construction drawing and project specification</li> </ul>
29	Design And Supervision Consultant (DSC) Emergency Assistance for Rehabilitation and Reconstruction(EARR) Port of Pantoloan, Donggala And Wani Central Sulawesi Province – Indonesia	Ministry Of Transportation, Directorate General of Sea Transportation, Directorate of Port Affairs	PT Aecom Indonesia, PT Witteveen Bos Indonesia, PT Atrya Swascipta Rekayasa and PT Cita Prisma - JO	2020 - 2023	<p>Phase 1 : Reconnaissance Survey, Feasibility Study (FS), Individual Port Masterplan (RIP)</p> <p>Phase 2 : Prepare SPAR, Safeguard Documents and AMDAL Update</p> <p>Phase 3 : Detail Surveys, Preparation of Preliminary Design, Detail Engineering Design (DED), Preparation of Bidding Documents</p> <p>Phase 4 : Procurement Process</p> <p>Phase 5 : Project Management and Construction Supervision</p>
30	Design and Construction Supervision of Container Yard at South 107, 219-223X, and Ex Tjetot in TanjungPriok Port	PT Pelabuhan Indonesia II (Persero) Cabang Tanjung Priok	Main	2020	<ul style="list-style-type: none"> <li>- Topographic Survey</li> <li>- Soil Investigation</li> <li>- Soil bearing capacity analysis and Settlement</li> <li>- Detailed Engineering Design</li> <li>- Cost Estimation</li> <li>- Technical Specification</li> <li>- Tender Document</li> <li>- Tender Assistant</li> <li>- Supervision</li> </ul>

## *List of Company Experiences*

### **The Last Ten Years (2016 – 2026)**

No	Project, Location	Owner / Source of Fund	Main / Associate	Year	Job Descriptions
31	Survey, Investigation and Design Jetty PT Sinarjaya Inti Mulya on Jl. Soekarno Hatta, Srengsem, Bandar Lampung	PT Sinarjaya Inti Mulya	Main	2020	<ul style="list-style-type: none"> <li>- Site Visit</li> <li>- Soil Investigation</li> <li>- Hydro-oceanic Survey</li> <li>- Detailed Engineering Design</li> <li>- Cost Estimation</li> <li>- Technical Specification</li> <li>- Tender Document</li> </ul>
32	Soil Investigation of Floating Mosque Ancol	PT Taman Impian Jaya Ancol	Main	2019	<ul style="list-style-type: none"> <li>- Soil Investigation offshore (4 boring point &amp; 4 CPT point)</li> </ul>
33	Lameruru Port Master Plan Study	Ministry of Transport	Main	2019	<ul style="list-style-type: none"> <li>- Site Visit</li> <li>- Validation, analysis, and evaluation of data</li> <li>- Forum Group Discussion</li> <li>- Preparation Master Plan Lameruru</li> </ul>
34	Soil Investigation North Side Lot A and B Ancol	KSO Jaya Ancol – Crown Group	Main	2019	<ul style="list-style-type: none"> <li>- Soil Investigation offshore (5 boring point)</li> </ul>
35	Cost Estimation on Saumlaki Terminal Getaway Asia	Arena Syscom	Main	2019	<ul style="list-style-type: none"> <li>- Cost Estimation</li> </ul>
36	Revitalitation Plan for Multipurpose Area Sindulang, West Side Inggom Jetty Plan and Jetty & Ex. Walie Jaya Yard Retrofitting in Tanjung Priok Port	PT Pelabuhan Indonesia II (Persero) Cabang Tanjung Priok	Main	2019	<ul style="list-style-type: none"> <li>- Topographic Survey</li> <li>- Soil Investigation</li> <li>- Detailed Engineering Design</li> <li>- Cost Estimation</li> <li>- Technical Specification</li> <li>- Tender Document</li> </ul>
37	Consultancy and Design of Jetty Construction in Talisayan, Berau, East Kalimantan	PT Dwiwira Lestari Jaya	Main	2019	<ul style="list-style-type: none"> <li>- Detailed Engineering Design</li> <li>- Cost Estimation</li> <li>- Tender Document</li> </ul>
38	Conceptual Study of Anthracite Loading Terminal in Chimbote, Peru	Archean Andean Anthracite S, A	Main	2019	<ul style="list-style-type: none"> <li>- Site Visit</li> <li>- Conceptual Layout Plan</li> <li>- Bill of Quantity</li> </ul>
39	Construction Supervision of Dredging at AKR West Nilam, Tanjung Perak, Surabaya	PT AKR CORPORINDO, Tbk	Main	2018	<ul style="list-style-type: none"> <li>- Supervision of Dredging Work</li> </ul>
40	Jetty Design Validation on PT OKI Pulp & Paper Mills, Palembang	PT OKI Pulp & Paper Mills	Main	2018	<ul style="list-style-type: none"> <li>- Site Visit</li> <li>- Review Design</li> <li>- Jetty Validation</li> </ul>
41	Survey, Investigation and Design Jetty, Bulukumba, South Sulawesi	PT Mitra Dagang Makmur	Main	2018	<ul style="list-style-type: none"> <li>- Site Visit</li> <li>- Topographic Survey</li> <li>- Soil Investigation</li> <li>- Hydro oceanography Survey</li> <li>- Detailed Engineering Design</li> <li>- Cost Estimation</li> <li>- Technical Specification</li> <li>- Tender Document</li> </ul>

## *List of Company Experiences*

### **The Last Ten Years (2016 – 2026)**

No	Project, Location	Owner / Source of Fund	Main / Associate	Year	Job Descriptions
42	Improvement & Rehabilitation Design Container Yard Ex. Pacific Paint Phase II and Ex. Perca Warehouse at Tanjung Priok Port	PT Pelabuhan Indonesia II (Persero) Cabang Tanjung Priok	Main	2018	<ul style="list-style-type: none"> <li>- Site Visit</li> <li>- Topographic Survey</li> <li>- Soil Investigation</li> <li>- Detailed Engineering Design</li> <li>- Cost Estimation</li> <li>- Technical Specification</li> <li>- Tender Document</li> </ul>
43	Jetty Consultancy Service, LubukGaung, Dumai	PT Sari Dumai Sejati /GLOBAL MARINE AND PORT SERVICES PTE LTD	Main	2018	<ul style="list-style-type: none"> <li>- Site Visit</li> <li>- Collecting Data</li> <li>- Assessment</li> <li>- Recommendation</li> </ul>
44	Bathymetry Survey, West Nilam	PT Terminal Nilam Utara	Main	2018	<ul style="list-style-type: none"> <li>- Bathymetry Survey</li> </ul>
45	Survey, Assessment and Review Design Jetty, West Nilam, Tanjung Perak, Surabaya	PT AKR CORPORINDO, Tbk	Main	2018	<ul style="list-style-type: none"> <li>- Site Visit</li> <li>- Bathymetry Survey</li> <li>- Current Survey</li> <li>- Design Review 2 Existing Dolphin and cultivation</li> <li>- Trestle Protective Structure Design</li> <li>- Cost Estimation</li> <li>- Technical Specification</li> <li>- Tender Document</li> </ul>
46	Survey, Investigation and Design Jetty AKR, Banyuasin, South Sumatra	PT AKR CORPORINDO, Tbk	Main	2018	<ul style="list-style-type: none"> <li>- Site Visit</li> <li>- Soil Investigation</li> <li>- Hydro-Oceanography Survey</li> <li>- Detailed Engineering Design</li> <li>- Cost Estimation</li> <li>- Technical Specification</li> <li>- Tender Document</li> </ul>
47	Topographic Survey, Buntok	PT AKR CORPORINDO, Tbk	Main	2018	<ul style="list-style-type: none"> <li>- Topographic Survey</li> </ul>
48	Supervision of Construction Work on Container Yard 115 and Ex Warehouse 114 Tanjung Priok Port	PT Pelabuhan Indonesia II (Persero) Cabang Tanjung Priok	Main	2018	<ul style="list-style-type: none"> <li>- Supervision</li> </ul>
49	Measurement of Parking Area Situations on Dufan Plaza, East Coast, And Carnival	PT Taman Impian Jaya Ancol	Main	2018	<ul style="list-style-type: none"> <li>- Measurement Survey</li> <li>- Topographic Survey</li> </ul>
50	Rehabilitation Design and Elevation Disposition of Container Yard 216X – 218X, Port of Tanjung Priok Port	PT Pelabuhan Indonesia II (Persero) Cabang Tanjung Priok	Main	2018	<ul style="list-style-type: none"> <li>- Topographic Survey</li> <li>- Detailed Engineering Design</li> <li>- Cost Estimation</li> <li>- Technical Specification</li> <li>- Tender Document</li> </ul>
51	Survey and Design Jetty AKR Buntok, Muara Teweh - Central Kalimantan	PT AKR CORPORINDO, Tbk	Main	2018	<ul style="list-style-type: none"> <li>- Site Visit</li> <li>- Bathymetry Survey</li> <li>- Hydro-Oceanography Survey</li> <li>- Detailed Engineering Design</li> <li>- Cost Estimation</li> <li>- Technical Specification</li> <li>- Tender Document</li> </ul>

## *List of Company Experiences*

### **The Last Ten Years (2016 – 2026)**

No	Project, Location	Owner / Source of Fund	Main / Associate	Year	Job Descriptions
52	Soil Investigation Buntok, MuaraTeweh, Central Kalimantan	PT AKR CORPORINDO, Tbk	Main	2018	- Soil Investigation
53	Construction Supervision of Jetty (100 x 25 M <sup>2</sup> ) at Gorontalo Port	PT Pelabuhan Indonesia IV (Makassar)	Main	2017	- Supervision
54	Assessment & Review Jetty Existing in PT Bhakti Mingasutama, Eretan, Indramayu, West Java	PT Bhakti Mingasutama	Main	2017	- Assessment Survey - Bathymetry Survey - Review Design Jetty
55	ContainerYard Alternative Design for Pontianak New Port	PT Geotechnical Environmental	Main	2017	- Detailed Engineering - Cost Estimation
56	Assessment of Factory Building, Tangerang-Banten	PT Kiantaka Rasa	Main	2017	- Assessment Survey - Recommendation
57	Assessment of AKR Tower Building (Second Stage), Kebon Jeruk - West Jakarta	PT AKR CORPORINDO, Tbk	Main	2017	- Assessment Survey - Structure Test consists of: Core Drill 9 Point, UPV Test 9 point, CorecterebarScan18 point, Test Tilt Columns and Deflection Beams
58	Detailed Engineering Design of Jetty and Trestle, Bontang, East Kalimantan	PT EnergiUnggulPe rsada	Main	2017	- Detailed Engineering Design - Cost Estimation - Technical Specification - Tender Document
59	Assessment of AKR Tower Building, Kebon Jeruk, West Jakarta	PT AKR Corporindo, Tbk	Main	2017	- Assessment Survey - Recommendation
60	Topographic Survey of Bidadari Island	PT Pembangunan Jaya Ancol, Tbk	Main	2017	- Topographic Survey
61	Survey and Soil Investigation of Industrial Estate Project, Bontang, East Kalimantan	PT Sumatra Bulker	Main	2017	- Hydro-oceanography Survey - Soil Investigation
62	Structural Checking of Floating Restaurant Muara Angke, North Jakarta	PT Bobby & Team	Main	2017	- Detailed Engineering Design - Cost Estimation - Technical Specification - Tender Document
63	Review Design Precast System	PT Budi Perkasa Alam	Main	2017	- Review Precast System
64	Floating Restaurant Muara Angke, North Jakarta - Structure Accredited Checker Consultant	PT KeplandInvesta ma	Main	2017	- Detailed Engineering Design - Cost Estimation - Technical Specification - Tender Document

# *List of Company Experiences*

## **The Last Ten Years (2016 – 2026)**

No	Project, Location	Owner / Source of Fund	Main / Associate	Year	Job Descriptions
65	Conceptual Layout and DED Jetty Pontianak New Port	PT Geotechnical Environmental service Indonesia	Main	2017	<ul style="list-style-type: none"> <li>- Conceptual Layout</li> <li>- Detailed Engineering Design</li> <li>- Cost Estimation</li> </ul>
66	Assessment Jetty Existing, Bitung - Sulawesi Utara	PT AKR Corporindo, Tbk	Main	2017	<ul style="list-style-type: none"> <li>- Site Visit</li> <li>- Data collection</li> <li>- Assessment for Existing Jetty</li> <li>- Recommendation</li> </ul>
67	Sustainable Infrastructure Assistance Program - Improving Multimodal Connectivity to Support Integrated Land and Sea Tollway	ADB	But Cardno Emerging Markets (Australia) PTY. LTD.	2017	<ul style="list-style-type: none"> <li>- Develop detailed and timetabled implementation plans and policy actions to deliver maritime and multimodal transport connectivity infrastructure projects for Sea Tollway implementation with supporting analyses, policy framework, capacity strengthening, and investment project pipeline</li> </ul>
68	Soil Investigation on Muntok PLT(LNG) Bangka Peaker 100 MW	PT MuntokListrikUtama	Main	2016	<ul style="list-style-type: none"> <li>- Soil Investigation</li> </ul>
69	Hydro – Oceanography, Bathymetry, and Topography Survey in PLTGU (LNG) Bangka Peaker 100 MW	PT Muntok Listrik Utama	Main	2016	<ul style="list-style-type: none"> <li>- Hydro – Oceanography Survey</li> <li>- Bathymetry Survey</li> <li>- Topography Survey</li> </ul>
70	Assessment Jetty Oleochemical Lubuk Gaung, Dumai.	PT Ivo Mas Tunggal	Main	2016	<ul style="list-style-type: none"> <li>- Existing Jetty Assessment</li> <li>- Design of Rehabilitation Jetty</li> </ul>
71	Re-DesignBreasting and Mooring Dolphin Capacity in Bunyu, East Kalimantan	PT Lamindo Inter Multikon	Main	2016	<ul style="list-style-type: none"> <li>- Re-Design Breasting and Mooring Dolphin</li> </ul>
72	Detailed Engineering Design (DED) Jetty & Trestle, Container Yard, and Supporting Facilities for Container Terminal in Kendari New Port, South-East Sulawesi	PT Pelabuhan Indonesia IV (Persero)	Main	2016	<ul style="list-style-type: none"> <li>- Detailed Engineering Design of Jetty &amp; Trestle</li> <li>- Detailed Engineering Design of Container Yard</li> <li>- Detailed Engineering Design of Access Road Pavement and Drainage System</li> <li>- Detailed Engineering Design of Land Facilities : Operational Tower, Office, Container Freight Station, Garage and Warehouse for Hazardous and Toxic Substance, Weighbridge, Mosque, Restroom, Genset Room, Pump and Reservoir Room, Water Tower, etc.</li> </ul>
73	Detailed Engineering Design of Jetty and Trestle in Sei Sembilang, South Sumatra	PT SumberHijauPermai	Main	2016	<ul style="list-style-type: none"> <li>- Hydro – Oceanography Survey</li> <li>- Detailed Engineering Design of Jetty and Trestle</li> <li>- Cost Estimation</li> <li>- Technical Specifications</li> <li>- Tender Document</li> <li>- Tender Evaluation</li> </ul>
74	DLKr DLKp Study for Depapre Port, Papua	Jayapura District Department of Transportation	Main	2016	<ul style="list-style-type: none"> <li>- Field survey</li> <li>- Validation, analysis, and evaluation of data.</li> <li>- Preparation DLKr DLKp Depapre.</li> </ul>

## *List of Company Experiences*

### **The Last Ten Years (2016 – 2026)**

No	Project, Location	Owner / Source of Fund	Main / Associate	Year	Job Descriptions
75	Detailed Engineering and Design (DED), Donggala Port, Central Sulawesi	Ministry of Transport (Kementerian Perhubungan)	Main	2016	<ul style="list-style-type: none"> <li>- Hydro – Oceanography Survey</li> <li>- Topographic Survey</li> <li>- Assessment Survey</li> <li>- Pile Thickness &amp; Visual Check Survey</li> <li>- Soil Investigation</li> <li>- Review Existing Design</li> <li>- Detailed Engineering Design</li> <li>- Cost Estimation</li> <li>- Technical Specification</li> <li>- Tender Document</li> </ul>
76	Review Design of Existing Jetty in Bitung Terminal, North Sulawesi	PT.AKR Corporindo.Tbk	Main	2016	<ul style="list-style-type: none"> <li>- Review Desain</li> <li>- Cost Estimation</li> </ul>
77	Site Selection and Location Determination for Ports in Indramayu Regency, West Java	PT.Suryacipta Swadaya	Main	2016	<ul style="list-style-type: none"> <li>- Site Selection</li> <li>- Review Study</li> <li>- Bathymetry Survey</li> <li>- Feasibility Study</li> <li>- Working permit</li> </ul>
78	Supervision of Basin Dredging in Jetty 3, Cilegon, West Java	PT Krakatau Bandar Samudera	Main	2016	<ul style="list-style-type: none"> <li>- Supervision</li> </ul>

# *List of Company Experiences*

**1980 – 2015**

No	Project, Location	Clients / Associate	Owner/Source of Fund	Year	Job Descriptions
1.	Detailed Engineering Design and Planning Layout for Reclamation & Gabion Wall Kendari New Port Container Terminal, South-East Sulawesi	Pelindo IV	Main	2015	<ul style="list-style-type: none"> <li>- Detailed Engineering Design</li> <li>- Planning Layout for Reclamation &amp; Gabion Wall</li> </ul>
2.	Construction Management of Jetty 7.3 and 4.5 - 4.6 in Cillegon, West Java	PT Krakatau Bandar Samudera	PT Krakatau Konsultan	2015	<ul style="list-style-type: none"> <li>- Construction Supervision</li> <li>- Construction Management</li> </ul>
3.	Feasibility Coal Traffic in Tanjung Api-Api, South Sumatera	PT Indorama Synthetics, Tbk	Main	2015	<ul style="list-style-type: none"> <li>- Analyze the coal traffic including obstacles on the river and all cost from coal port to SEZ Tanjung Api-Api</li> </ul>
4.	Topographic & Geotechnical Survey, Bojonegoro	PT Elnusa, Tbk	Main	2015	<ul style="list-style-type: none"> <li>- Topographic Survey</li> <li>- Geotechnical Investigation</li> </ul>
5.	Master Plan of Muntok Port, Bangka Belitung Province	Tanjung Priok port of authority	Main	2015	<ul style="list-style-type: none"> <li>- Feasibility Study</li> <li>- Port Master Plan</li> </ul>
6.	Sub Bottom Profiling Dermaga LNG at Cillegon	PT Energi Dian Kemala	Main	2015	<ul style="list-style-type: none"> <li>- Sub bottom profiling investigation</li> <li>- Field survey</li> </ul>
7.	Preparation of study DLKR DLKP port of Sunda Kelapa	Tanjung Priok port of authority	Main	2015	<ul style="list-style-type: none"> <li>- Field survey / measurement land and waters.</li> <li>- Validation, analysis, and evaluation of data.</li> <li>- Preparation DLKR DLKP of port.</li> </ul>
8.	Bathymetry survey, Soil Investigation, Detailed Engineering Design, Tender Evaluation and Supervision of Construction Port at PT CS2 Pola Sehat, Banyuasin, South Sumatra, Indonesia	PT CS2 Pola Sehat	Main	2015	<ul style="list-style-type: none"> <li>- Bathymetry Survey</li> <li>- Soil Investigation</li> <li>- Detailed Engineering Design</li> <li>- Tender Evaluation</li> <li>- Supervision</li> </ul>
9.	Detailed Engineering Design Of Bengkulu Coal Port Berthing Facility	PT. Aurecon Indonesia	Main	2015	<ul style="list-style-type: none"> <li>- Detailed Engineering Design</li> </ul>
10.	Conceptual of Jetty Layout in Senegal	PT Synco Global	Main	2015	<ul style="list-style-type: none"> <li>- Conceptual Design</li> </ul>
11.	Bathymetry survey, Tidal and currents for Terminal Tarumanagara, Bekasi	PT. Mega Agung Nusantara	Main	2015	<ul style="list-style-type: none"> <li>- Bathymetry Survey</li> <li>- Tidal and Currents Survey</li> </ul>
12.	Impact Study Ling Way for PT Pelabuhan Tegar Indonesia	PT Pelabuhan Tegar Indonesia	Main	2015	<ul style="list-style-type: none"> <li>- Checking the structural capacity of the trestle 1A against collides of empty barges. If the capacity is enough, then only truck tyres will be installed to protect the concrete curbs of the wheel guard</li> <li>- Designing the fence along the trestle, if the capacity of trestle, including technical specification and cost estimate</li> <li>- Designing the Navigation Aids for MCT Terminal</li> </ul>
13.	Bankable Feasibility Study of Jetty and Infrastructure Cluster NPK Chemicals	PT Pupuk Kaltim	KJJP Antonius Stady & Rekan	2014	<ul style="list-style-type: none"> <li>- Feasibility Study</li> </ul>

# *List of Company Experiences*

**1980 – 2015**

No	Project, Location	Clients / Associate	Owner/Source of Fund	Year	Job Descriptions
14.	Review Masterplan of Depapre Container Port, Jayapura, Papua Province	Transportation and Communication Agency of Jayapura	Main	2014	- Review Masterplan of Depapre Container Port
15.	Design Of AKR Jetty, North Nilam, Tanjung perak, Surabaya	PT Swi Jetty Nusantara	Main	2014	- Review of Basic Design
16.	Detail Engineering Design, Tender Assistance and Construction Supervision for Piperack of Marunda Center Terminal, Phase1A, North Jakarta.	PT PelabuhanTegar Indonesia	Main	2014	- Design of Piperack Phase 1A - TenderEvaluation of Piperack Phase 1A - Construction Supervision of Piperack Phase 1A
17.	Detailed Engineering Design of Pier and Slipway Dock, for Supply BaseTerminal, at Pendingin, East Kalimantan	PT Elnusa, Tbk	Main	2014	- Detailed Engineering Design - Cost Estimate - Tender document
18.	Design Review of Structure Of Steel Frame Bridge at Bahau River	PT WaskitaKarya	Main	2013-2014	- Review Design
19.	Design jetty and trestle of Power Plant Construction Project, at ParitBaru, Bengkayang, Kalimantan	PT Praba Indopersada	Main	2013-2014	- Basic Design - Detailed Engineering Design
20.	Conceptual Design of The New Port at Bunyu Island, East Kalimantan	PT Mitra Niaga Mulia	Main	2013	- Site Visit to the proposed port locations to review the natural and traffic conditions as well to perform roughly depth measurements - Data Collection which gathers maps, information from local Contractor and local material shops about labor, material and equipment unit price - Site Selection which is based on technical, and operational aspects - Conceptual design of the coal port which is consist of trestle and dolphin. - Rough cost estimate of the trestle and dolphin - Rough layout of the material handling system using existing system location
21.	Provide professional Consulting of common port/marine construction practices in support of the Port of TanjungPriok Container Terminal Concession.	Cardno TECH	Main	2013	- Review Cost Estimate
22.	Construction ManagementOf Jetty 5 Construction, at the TUKS area of PT Krakatau Steel, Tbk	PT Krakatau Bandar Samudera	Main	2013	- Construction Supervision - Coordination Meetings - Design Revision

# *List of Company Experiences*

**1980 – 2015**

No	Project, Location	Clients / Associate	Owner/Source of Fund	Year	Job Descriptions
23.	Review Design of Oprit Structure of Hopper Bridge and Jayo Bridge	PT Waskita Karya	Main	2012	- Review Design
24.	Survey, Investigation and Design of Wharve, at Lais River, Palembang	PT Pelindo Indonesia II, Palembang	Main	2012	- Topographic Survey - Bathymetric Survey - Soil Investigation - Laboratory Analysis - Detailed Design - Cost Estimate - Tender document
25.	Services Development Project of Greater Makassar Port, South Sulawesi Province	Port Authority of Region IV Office of Makassar	Main	2012	Review Master Plan of Port
26.	Unloading Calculation Works for 7 Days of Formwork, South Kalimantan	PT Waskita Karya	Main	2012	Unloading Design
27.	Review Work of Hopper Bridge Pillars P20, P30, P34 and P38, South Kalimantan	PT Waskita Karya	Main	2012	- Review of Existing Design - Detailed Engineering Design
28.	Design of Reclamation at Green Bay, Pluit, Jakarta	PT Kencana Unggul Sukses	Main	2012	- Detailed Engineering Design - Cost Estimate - Tender document
29.	Review Design for Power House, MCC Room, Control Room, Pump House and Shear Connector of Tapin Coal Terminal Project, South Kalimantan	PT Waskita Karya	Main	2012	- Review Design of Power House, MCC Room, Control Room, Pump House and Shear Connector
30.	Pre-Review and Review/ Re-Design of Reclamation, East Kalimantan	PT Pandega Citraniga	Main	2012	- Design Revetment and Reclamation - Soil Improvement - Settlement Estimate - Cost Estimation & Bill of Quantity - Tender Assistance - Construction Supervision - Coordination Meetings - Design Revision
31.	Survey Investigation and Design of PT TDGP Coal Terminal PT TDGP in Tanah Laut, South Kalimantan	PT. Eksploitasi Energi Indonesia, Tbk	Main	2012	- Topographic Survey - Bathymetric Survey - Soil Investigation - Laboratory Analysis - Coal Terminal Lay Out Preparation - Detailed Design of Coal Terminal
32.	Conceptual Design of 4 (Four) Coal Terminals (PT. TDGP Coal Terminal, PT SRI Coal Terminal, PT KGB Coal Terminal, CV ABE Coal Terminal ) in Kalimantan	PT. Eksploitasi Energi Indonesia, Tbk	Main	2012	- Conceptual design of 4 coal terminals - Cost Estimate Preparation
33.	Geotechnical Study on Mining Activities of PT Lamindo Inter Multikon in	PT Lamindo Inter Multikon	UPN Yoyakarta	2012	- Soil Investigation - Analysis of stability

# *List of Company Experiences*

**1980 – 2015**

No	Project, Location	Clients / Associate	Owner/Source of Fund	Year	Job Descriptions
	Bunyu, East Kalimantan				
34.	Geo-electric Survey on PT Mitra Niaga Mulia Area in Bunyu, East Kalimantan	PT MitraNiagaMulia	UPN Yoyakarta	2012	<ul style="list-style-type: none"> <li>- Geo-electric Survey</li> <li>- Analysis of survey results.</li> </ul>
35.	Design Construction Works of Bridge Hopper, South Kalimantan	PT Waskita Karya Divisi V	Main	2012	Review of existing design
36.	Phase I - Site Selection Project of Coal River Port in Malinau, East Kalimantan	PT Choice Plus Energy	Main	2011	<ul style="list-style-type: none"> <li>- Data Collection</li> <li>- Site Visit</li> <li>- Bathymetric Survey</li> <li>- Conceptual Design</li> </ul>
37.	Conceptual Design of : Jetty, Trestle and On-Land Facilities, Madura Island	PT Adani Global	Main	2011	<ul style="list-style-type: none"> <li>- Preliminary Design of Trestle and Mooring Dolphins</li> <li>- Preliminary Design of Service Road along Trestle</li> <li>- Preliminary Design of Coal Stockpiles Yard</li> <li>- Lay-out of Stacker Re-claimer to Blend Coal</li> <li>- Design Lay-out of Conveyor in Stockpile Yard</li> <li>- Design Lay-out of Conveyor from Stockpile Yard to Power Plant Processing Mill</li> <li>- Conceptual Coal Estimate</li> </ul>
38.	Review Design of PT Tunas Baru Lampung Jetty, Lampung Province	PT Swi Jetty Nusantara	Main	2011	Review of existing design
39.	EPCM Consultant Services Procurement Two (2) Unit Hopper 750Ton per Hour, Banten Province	PT Krakatau Bandar Samudera	Main	2011	<ul style="list-style-type: none"> <li>- Engineering Design</li> <li>- Tender Assistance</li> <li>- Supervision Works</li> </ul>
40.	Master Plan of LNG Floating Storage Regasification Special Terminal for East Java – Central Java Unit in Tanjung Mas Port, Semarang, Central Java	PT Pertamina (Persero) – LKFT UGM & UNDIP	Sub consultant of LKFT UGM & UNDIP	2011	<ul style="list-style-type: none"> <li>- Site Visit</li> <li>- Master Plan</li> </ul>
41.	Feasibility Study of Container Ports Development at Pontianak, Palembang and Bengkulu	Pelindo II	Main	2011	<ul style="list-style-type: none"> <li>- Master Plan</li> <li>- Feasibility Study (Technical, Economical &amp; Environmental)</li> </ul>
42.	Provision of Matak Land Study, Riau Province	Premier Oil Natuna Sea B.V.	Witteveen+Bos Indonesia	2011	<ul style="list-style-type: none"> <li>- Soil Investigation Works</li> <li>- Topographic Survey</li> <li>- Bathymetric Survey</li> <li>- Basic Design of Stockyard and Port Infrastructure</li> <li>- Cost Estimate</li> </ul>
43.	Bathymetric Survey and Revetment Design for Marina M Walk Project, North Sulawesi	PT Tiga Karya Wenang	Main	2011	<ul style="list-style-type: none"> <li>- Bathymetric Survey</li> <li>- Revetment design</li> </ul>
44.	Bid Documents Evaluation for Jetty II of PT Pertamina (Persero) RU II Sei Pakning Rehabilitation Project, Riau Province	PT. Pertamina RU-II	Main	2011	Tender Assistance
45.	Feasibility Study on Coal Transportation	Pelindo II	Sub consultant of Haskoning	2011	Examining further viability of development of coal transport facilities on the Musi River which

# *List of Company Experiences*

**1980 – 2015**

No	Project, Location	Clients / Associate	Owner/Source of Fund	Year	Job Descriptions
	Development on Musi River, South Sumatera		Indonesia		includes; <ul style="list-style-type: none"> <li>- Land/river transshipment elements</li> <li>- River transportation elements</li> <li>- Marine transshipment facility elements</li> <li>- Preparation of the input s for the AMDAL process</li> </ul>
46.	Detailed Engineering Design of PT Lestari Samudera Jetty, Balikpapan, East Kalimantan	PT Multi PondasiUtama	Main	2011	<ul style="list-style-type: none"> <li>- Collecting data</li> <li>- Bathymetry survey</li> <li>- Tidal observation</li> <li>- Geotechnical analysis</li> <li>- Detailed engineering design of jetty and its facilities</li> </ul>
47.	Offshore Handling Facilities and Jetty Preliminary Design, Tanjung Carat – South Sumatera	PTAdaniSumsel	Main	2010	<ul style="list-style-type: none"> <li>- Cost Estimate and Preliminary Design of 200.000 DWT Coal Ship Jetty</li> <li>- Design of 10.000.000 m<sup>3</sup> Reclamation</li> </ul>
48.	Railway Track Soil Investigation, TanjungEnim – South Sumatera	PT. Adani Global	Main	2010	<ul style="list-style-type: none"> <li>- 240 km Stretch Soil Sampling/Boring from TanjungEnim to TanjungApi-API</li> <li>- Soil Laboratory/Testing</li> </ul>
49.	Tanjung Carat Port Soil Investigation, South Sumatera	PT. Adani Global	Main	2010	<ul style="list-style-type: none"> <li>- Soil Sampling/Boring</li> <li>- Soil Laboratory/Testing</li> </ul>
50.	Railway Track Soil Investigation, Tanjung Enim/Tanjung Carat – South Sumatera	PT. Adani Global	Main	2010	<ul style="list-style-type: none"> <li>- Soil Laboratory/Testing - Dutch Cone Penetration Test</li> </ul>
51.	Existing Jetty Pile Capacity Analysis at Amamapare Port, Timika – Papua	PT. Swi Jetty Nusantara	Main	2010	<ul style="list-style-type: none"> <li>- Pile Capacity Analysis</li> <li>- Remaining Service Life Study</li> </ul>
52.	Lhokseumawe Port Traffic Analysis, Nanggroe Aceh Darussalam	PT. Rekayasa Engineering	Main	2010	<ul style="list-style-type: none"> <li>- Ship Traffic Study</li> <li>- Pupuklskandar +Muda Jetty and Facilities Extension Lay-out</li> </ul>
53.	Jetty II of PT. Pertamina RU II Assessment and Rehabilitation Engineering Design, Sungai Pakning – Riau	PT. Pertamina RU-II	Main	2010	<ul style="list-style-type: none"> <li>- Assessment &amp; Engineering Design of Jetty II RU II</li> <li>- Assessment of Existing Jetty Condition Damaged by Ship</li> <li>- Design of Jetty Rehabilitation</li> </ul>
54.	Kariangau Container Terminal Construction Supervision, Balikpapan Port, East Kalimantan	PT. Pelabuhan Indonesia IV	Main	2009-2012	<ul style="list-style-type: none"> <li>- Construction Supervision of 3 Facilities: Wharf and Trestle; Reclamation of Container Yard; Access Road, Building and Utilities</li> </ul>
55.	Railway Preliminary Design for TanjungEnim - Simpang - Tanjung Carat, South Sumatera	PT. GemilangPusaka Pertiwi	Main	2009	<ul style="list-style-type: none"> <li>- Conceptual Design of Coal Train Railway from TanjungEnimBaru Station to Tanjung Carat Station through Simpang Station and Prabumulih Station</li> </ul>
56.	Revetment and Reclamation Detailed Design for Green Bay Apartment Buildings, Pluit – North Jakarta	PT. Kencana Unggul Sukses (PT. Agung Podomoro Group)	Main	2009	<ul style="list-style-type: none"> <li>- Design of Revetment and Reclamation</li> </ul>
57.	Brondong Port Master Plan, East Java	Directorate General of Sea Communication	APBN	2009	<ul style="list-style-type: none"> <li>- Various Surveys</li> <li>- Master Planning</li> </ul>
58.	Reclamation and Retaining Wall Design for Sea View Water Front	PT. Sesi Properti Indonesia	Main	2009	<ul style="list-style-type: none"> <li>- Tide Monitoring</li> <li>- Design of Reclamation and Retaining Wall</li> </ul>

# *List of Company Experiences*

**1980 – 2015**

No	Project, Location	Clients / Associate	Owner/Source of Fund	Year	Job Descriptions
	Project, Balikpapan – East Kalimantan				
59.	Coal Port Development, East Kalimantan	PT. Jembayan Muara Bara	Main	2009	<ul style="list-style-type: none"> <li>- Reconnaissance Survey</li> <li>- Site Selection</li> </ul>
60.	Belawan Port Development (Development of Container Terminal Phase I) Design, North Sumatera	PT. Pelabuhan Indonesia I	PT. Vini Nusantara Consultant	2009	<ul style="list-style-type: none"> <li>- Bathymetric Survey</li> <li>- Soil Investigation</li> <li>- Detailed Engineering Design of Soil Improvement &amp; Reclamation</li> <li>- Detailed Engineering Design of Port and Container Yard</li> <li>- Detailed Engineering Design of Land Facilities : Operational Tower, Office, Container Freight Station, Garage and Warehouse for Hazardous and Toxic Substance, Weighbridge, Mosque, Restroom, Genset Room, Pump and Reservoir Room, Water Tower, etc.</li> <li>- Pre-Construction</li> </ul>
61.	Matak Reclamation Yard Design and Construction Supervision, Natuna Island – Riau	Conoco Phillips Indonesia Inc. Ltd	Witteveen+Bos Indonesia	2009	<ul style="list-style-type: none"> <li>- Design of Reclamation</li> <li>- Construction Supervision</li> </ul>
62.	Coal Logistic Study, South Sumatera	PT. Adimas Puspita Serasi	Main	2009	<ul style="list-style-type: none"> <li>- Study of Coal Logistic by Railways</li> <li>- Basic Design of Handling Facilities</li> <li>- Estimate of Investment and Operation Costs</li> </ul>
63.	Tanjung Carat Coal Terminal Offshore Facilities Preliminary Design, South Sumatera	PT. Adani Global	Main	2008	<ul style="list-style-type: none"> <li>- Preliminary Design of Reclamation &amp; Jetty</li> </ul>
64.	Jembayan Stockpile Facilities Design Review, East Kalimantan	PT. Indostrait	Main	2008 – 2009	<ul style="list-style-type: none"> <li>- Review Design of Stockpile and Berthing Facilities</li> </ul>
65.	TanjungPriok Port Jetty Design at Eastern Breakwater, North Jakarta	PT. Pelabuhan Indonesia II	Main	2009	<ul style="list-style-type: none"> <li>- Design of Jetty, Reclamation and Container Yard</li> <li>- Feasibility Study for Port Development</li> </ul>
66.	Kertapati Coal Terminal Port Basic Design, South Sumatera	PT. AdimasPuspitaSerasi	Main	2008	<ul style="list-style-type: none"> <li>- Basic Design of Coal Handling Facilities</li> <li>- Estimate of Investment &amp; Operation Costs</li> </ul>
67.	Wood Transportation Jetty Design, South Sumatera	PT. SBA Wood Industries	Main	2008	<ul style="list-style-type: none"> <li>- Design of Jetty</li> </ul>
68.	PT. PupukKaltim Service Jetty Design, Bontang – East Kalimantan	PT. PupukKaltim, Bontang	Main	2008	<ul style="list-style-type: none"> <li>- Design of Jetty</li> </ul>
69.	MuaraKarang Gas Power Plant Jetty Design, Jakarta	Mitsubishi Heavy Industry Ltd	Main	2008	<ul style="list-style-type: none"> <li>- Design of Jetty</li> </ul>
70.	LPG Refrigerated Receiving Terminal Jetty Preliminary Design, East	PT. Astratel Nusantara	Main	2008	<ul style="list-style-type: none"> <li>- Oceanographic and Bathymetric Surveys</li> <li>- Offshore Soil Investigation</li> <li>- Conceptual Design of Jetty</li> </ul>

# *List of Company Experiences*

**1980 – 2015**

No	Project, Location	Clients / Associate	Owner/Source of Fund	Year	Job Descriptions
	Java				
71.	Kariangau Container Terminal Port Design, Balikpapan – East Kalimantan	PT. Pelabuhan Indonesia IV	Main	2008	<ul style="list-style-type: none"> <li>- Oceanographic, Bathymetric and Topographic Surveys</li> <li>- Soil Investigation</li> <li>- Detailed Engineering Design of Jetty</li> <li>- Detailed Engineering Design of Land Facilities : Operational Tower, Office, Container Freight Station, Garage and Warehouse for Hazardous and Toxic Substance, Weighbridge, Mosque, Restroom, Genset Room, Pump and Reservoir Room, Water Tower, etc.</li> </ul>
72.	PT. Pertamina Main Transit Terminal Master Plan, Tuban – East Java	PT. Pertamina	Main	2008	<ul style="list-style-type: none"> <li>- Master Planning: Data Collection and Analysis; Economic and Financial Study</li> </ul>
73.	Belawan Port Master Plan, Medan – North Sumatera	PT. Pelabuhan Indonesia I	Main	2007 - 2008	<ul style="list-style-type: none"> <li>- Master Planning</li> <li>- Oceanographic, Topographic and Bathymetric Survey</li> <li>- Satellite Imaging</li> </ul>
74.	50.000KL Oil Tank Terminal Feasibility Study, Gresik – East Java	PT. Astratel Nusantara	Main	2007 - 2008	<ul style="list-style-type: none"> <li>- Data Collection and Analysis</li> <li>- Estimate of Investment and Operation Costs</li> </ul>
75.	Depapre Container Port, Phases II and III, Jayapura – Papua	Communication Agency of Jayapura / APBD	PT Amitras Sarana Selaras Perkasa Consultant	2007 - 2008	<ul style="list-style-type: none"> <li>- Master Planning</li> <li>- Soil Investigation</li> <li>- Topographic Survey</li> <li>- Design of Port</li> <li>- Pre-Construction</li> </ul>
76.	Dumai Port Development Phase III	Directorate General of Sea Communication / JBIC LOAN IP-493	Pacific Consultant International - Indulexco	2001 – 2008	<ul style="list-style-type: none"> <li>- Master Planning</li> <li>- Soil Investigation</li> <li>- Topographic Survey</li> <li>- Detailed Engineering Design of Jetty</li> <li>- Detailed Engineering Design of Land Facilities : Operational Tower, Office, Container Freight Station, Garage and Warehouse for Hazardous and Toxic Substance, Weighbridge, Mosque, Restroom, Genset Room, Pump and Reservoir Room, Water Tower, etc.</li> <li>- Construction Supervision</li> </ul>
77.	Sugar and Coal Jetty Design, Serang – Banten	PT. Duta Sugar International	Main	2007	<ul style="list-style-type: none"> <li>- Oceanographic, Bathymetric and Topographic Surveys</li> <li>- Soil Investigation</li> <li>- Design of Jetty</li> <li>- Pre-Constructio</li> </ul>
78.	Malahayati and Lhokseumawe Port Design, Aceh – Nanggroe Aceh Darussalam	NAD-Nias Rehabilitation and Reconstruction Agency	Main	2006 - 2007	<ul style="list-style-type: none"> <li>- Soil Investigation and Geo-electrical Survey</li> <li>- Oceanographic and Topographic Surveys</li> <li>- Design of Port</li> </ul>
79.	Sugar and Coal Jetty Design, Serang – Banten	PT. Duta Sugar International	Main	2007	<ul style="list-style-type: none"> <li>- Oceanographic, Bathymetric and Topographic Surveys</li> <li>- Soil Investigation</li> <li>- Design of Jetty</li> <li>- Pre-Constructio</li> </ul>
80.	Malahayati and Lhokseumawe Port Design, Aceh – Nanggroe Aceh Darussalam	NAD-Nias Rehabilitation and Reconstruction Agency	Main	2006 - 2007	<ul style="list-style-type: none"> <li>- Soil Investigation and Geo-electrical Survey</li> <li>- Oceanographic and Topographic Surveys</li> <li>- Design of Port</li> </ul>

# *List of Company Experiences*

**1980 – 2015**

No	Project, Location	Clients / Associate	Owner/Source of Fund	Year	Job Descriptions
81.	Topographic and Bathymetric Surveys, Aceh – Nanggroe Aceh Darussalam	Sea Defense Consultants	Main	2006	- Bathymetric and Topographic Surveys
82.	2 x 600 MW Power Plant Jetty Design, Pemalang – Central Java	PT. Astratel Nusantara	Main	2006	- Oceanographic, Bathymetric and Oceanographic Surveys - Soil Investigation - Design of Jetty
83.	PT Pertamina Oil and Gas Port Master Plan, Balongan – West Java	PT. Pertamina	Main	2006	- Soil Investigation - Master Planning
84.	Sinabang Port Reconstruction , Aceh – Nanggroe Aceh Darussalam	UNDP	Witteveen+Bos	2006	- Oceanographic, Bathymetric and Topographic Surveys - Soil Investigation - Master Planning - Design of Port
85.	Calang Port Reconstruction Project, Aceh – Nanggroe Aceh Darussalam	UNDP	Witteveen+Bos	2006	- Oceanographic, Bathymetric and Topographic Surveys - Soil Investigation - Master Planning - Design of Port
86.	Tanker Mooring Facilities, Desa Sukra, Indramayu – West Java	PT. Bhakti Mingas Utama	Main	2006	- Design of 3500 and .000 DWT Tanker Mooring Facilities - Permitting
87.	Coal Handling Facilities Preliminary Design, Cirebon – Central Java	PT. Astratel Nusantara	Main	2006	- Oceanographic Survey - Soil Investigation - Conceptual Design of Marine Facilities
88.	Malahayati Port Rehabilitation, Aceh – Nanggroe Aceh Darussalam	Netherlands	ECORYS	2005-2006	- Design of Port Rehabilitation - Construction Supervision
89.	Oil Tanker Jetty, Sepanjang Island – East Java	EMP Kangean Limited	Main	2006	- Design of 30.000 DWT Tanker Jetty
90.	Topographic and Bathymetric Surveys, Aceh – Nanggroe Aceh Darussalam	Sea Defense Consultants	Main	2006	- Bathymetric and Topographic Surveys
91.	2 x 600 MW Power Plant Jetty Design, Pemalang – Central Java	PT. Astratel Nusantara	Main	2006	- Oceanographic, Bathymetric and Oceanographic Surveys - Soil Investigation - Design of Jetty
92.	PT Pertamina Oil and Gas Port Master Plan, Balongan – West Java	PT. Pertamina	Main	2006	- Soil Investigation - Master Planning
93.	Sinabang Port Reconstruction , Aceh – Nanggroe Aceh Darussalam	UNDP	Witteveen+Bos	2006	- Oceanographic, Bathymetric and Topographic Surveys - Soil Investigation - Master Planning - Design of Port
94.	Calang Port Reconstruction Project, Aceh – Nanggroe Aceh Darussalam	UN DP	Witteveen+Bos	2006	- Oceanographic, Bathymetric and Topographic Surveys - Soil Investigation - Master Planning - Design of Port
95.	Tanker Mooring Facilities,	PT. Bhakti	Main	2006	- Design of 3500 and .000 DWT Tanker

# *List of Company Experiences*

**1980 – 2015**

No	Project, Location	Clients / Associate	Owner/Source of Fund	Year	Job Descriptions
	Desa Sukra, Indramayu – West Java	Mingas Utama			Mooring Facilities - Permitting
96.	Coal Handling Facilities Preliminary Design, Cirebon – Central Java	PT. Astratel Nusantara	Main	2006	- Oceanographic Survey - Soil Investigation - Conceptual Design of Marine Facilities
97.	Malahayati Port Rehabilitation, Aceh – Nanggroe Aceh Darussalam	Netherlands	ECORYS	2005-2006	- Design of Port Rehabilitation - Construction Supervision
98.	Oil Tanker Jetty, Sepanjang Island – East Java	EMP Kangean Limited	Main	2006	- Design of 30.000 DWT Tanker Jetty
99.	Palaran Port Master Plan and Design, Samarinda – East Kalimantan	BAPPEDA Samarinda / APBD	Main	2004-2005	- Master Planning and Design of Port: Container, General Cargo, Passenger and Ferry Terminals
100.	Cement Loading Jetty Design, Batam Island	PT. Bangun Cipta Kontraktor	Main	2005	- Design of 40.000 DWT Bulk Carrier Jetty
101.	Depapre Port Design, Jayapura – Papua	Communication Agency of Jayapura / APBD	PT Amitras Sarana Selaras Perkasa Consultant	2005	- Soil Investigation - Topographic Survey - Design of Port
102.	Semayang Terminal Design , Balikpapan – East Kalimantan	PT. Sugico Graha	Main	2005	- Terminal Lay-out
103.	Tanjung Priok Port Rehabilitation, Jakarta	JICA	Nippon Koei	2005	- Soil Investigation - Oceanographic and Topographic Surveys - Design of Port and Breakwater
104.	Auction Hall Design, Jakarta Fishing Port, Muara Baru – Jakarta	UPT PPSJ Jakarta Fishing Port Management / DGCF	Main	2004	- Rehabilitation Design
105.	Depapre Port Development as Cargo and Container Terminal, Jayapura – Papua	Communication Agency of Jayapura / APBD	PT Amitras Sarana Selaras Perkasa Consultant	2004	- Master Planning - Oceanographic and Topographic Surveys - Soil Investigation
106.	Tanjung Jati Coal Fired Power Plant Sea Water Quality Study, Central Java	PT. Sasakura Indonesia	Main	2004	- Sea Water Quality Survey
107.	Indonesian Port Maintenance and Management	Japan International Cooperation Agency (JICA)	Main	2004	- Data Collection/Survey - Data Processing/Analysis
108.	Supply Base and Tugboat Harbor Design, Libya	Agip Gas BV, Libyan Branch	Nippon Koei	2003 - 2004	- Feasibility Study - Geotechnical Analysis - Design of Harbor
109.	Tarakan Port Master Plan, East Kalimantan	PT. Pelindo IV	CV Satria Pembangunan Nusantara	2003 - 2004	- Master Planning
110.	Oil Pump Station Jetty	PT. Segara	Main	2003 - 2004	- Design of Oil Bunker Jetty

# *List of Company Experiences*

**1980 – 2015**

No	Project, Location	Clients / Associate	Owner/Source of Fund	Year	Job Descriptions
	Design, Jakarta Fishing Port, Jakarta	Lanjutan Dinya			<ul style="list-style-type: none"> <li>- Construction Supervision</li> <li>- Pre-Construction</li> </ul>
111.	Oil Pump Station Jetty Design, Jakarta Fishing Port, Jakarta	PT. Bumi Yaso Panduta Artha	Main	2003	<ul style="list-style-type: none"> <li>- Design of Jetty</li> <li>- Construction Supervision</li> </ul>
112.	Mahakam, Sesayap, Sebakung, Sebuku and Bengalun Rivers Flood Control Design, East Kalimantan	PT. Tata Guna Patria	Main	2003	<ul style="list-style-type: none"> <li>- Bathymetric and Topographic Surveys</li> </ul>
113.	Indonesian Public Ports Maintenance Study	JICA	Sub consultant of Nippon Koei	2003	<ul style="list-style-type: none"> <li>- Data Gathering and Analysis</li> </ul>
114.	Irrigation Management Audit Guidance	Settlement and Regional Infrastructure Department / State Budget	Main	2003	<ul style="list-style-type: none"> <li>- Data Collection/Questionnaire and Analysis</li> <li>- Training/Course Hosting</li> </ul>
115.	PT. Pupuk Kaltim Port Master Plan	PT. Pupuk Kaltim	Louis Berger	2003	<ul style="list-style-type: none"> <li>- Master Planning</li> <li>- Feasibility Study</li> </ul>
116.	Tanjung Jati 2x660 MW Coal-Fired Power Plant Sea Water Quality Analysis, Lampung	Sumitomo Corporation	Main	2002	<ul style="list-style-type: none"> <li>- Sea Water Quality Survey</li> </ul>
117.	Topographic Survey, Lampung.	Asia Georesearch Agency Corp. Pte, Ltd., Singapore	Main	2002	<ul style="list-style-type: none"> <li>- Topographic Survey</li> </ul>
118.	Fisheries Development Plan in Eastern Indonesia	System Science Consultants Inc. (Japan International Cooperation Agency Study Team)	JICA	2002	<ul style="list-style-type: none"> <li>- Environmental, Social, Geological, Water Quality, Bathymetric and Topographic Surveys</li> </ul>
119.	Bali Beach Conservation, Bali	Japan Bank for International Cooperation	Sub consultant of Nippon Koei	2001 - 2002	<ul style="list-style-type: none"> <li>- Aerial Photograph and Image Processing</li> <li>- Computer Modeling and Simulation</li> </ul>
120.	Jakarta Fishing Port Market Development, Muara Baru, North Jakarta	Directorate General of Fisheries / Japan Bank for International Cooperation	Pacific Consultants International - Indolexco	1996 - 2002	<ul style="list-style-type: none"> <li>- Master Planning</li> <li>- Geology, Oceanographic, Topographic Surveys</li> <li>- Soil Investigation</li> <li>- Design of Port and Existing Facilities Modernization</li> <li>- Pre-Construction and Construction Supervision</li> </ul>
121.	Indonesian Fisheries Policy Development	Directorate General of Fisheries / Japan Bank for International Cooperation IP-403	Main	2000 - 2001	<ul style="list-style-type: none"> <li>▪ Review and Analysis Fishery Sector Past Performance with the following highlights :               <ul style="list-style-type: none"> <li>- Government's Policies &amp; Strategies for Development</li> <li>- Decree, Law and Regulation on Fisheries</li> <li>- Production, Post-harvest and Marketing</li> </ul> </li> </ul>

# *List of Company Experiences*

**1980 – 2015**

No	Project, Location	Clients / Associate	Owner/Source of Fund	Year	Job Descriptions
					<ul style="list-style-type: none"> <li>- Infrastructures and Public Programs</li> <li>- Manpower Resource and Employment</li> <li>- Implication of Monetary System Reform</li> <li>- Distribution of Resource Utilization Benefits and Live hood/Socio-economic Status of Marginal Fishery Folks</li> <li>- Coastal Community Development</li> <li>▪ Resources and Resource Utilization Efforts</li> <li>▪ Statistical Fishery Data and Information Management</li> <li>▪ Research and Extension</li> <li>▪ Policy Framework and Strategic Direction for Fishery Development</li> <li>▪ Comprehensive Follow-up Study with the following Highlights:               <ul style="list-style-type: none"> <li>- Policy and Institutional Reform</li> <li>- Implication of Globalization on Future Development of the Fishery Sector</li> <li>- Initiatives for Establishment of Multilateral Fishery Management</li> <li>- Resource management and fishing efforts control</li> <li>- Research and Extension</li> <li>- Fishery Information Center and Development of Network System</li> <li>- Alleviation of Poverty among Marginal Fisherman and Fish Farmers and Improvement of Their Socio-Economic Status</li> </ul> </li> <li>▪ Infrastructure Development and Marketing Support</li> <li>▪ Restructure of Aqua-Culture Operations and Enhancement of Aqua-Culture Productivity.</li> <li>▪ Upgrading and Standardization of Quality of Export Commodities and Promotion of Export Marketing</li> <li>▪ Food Security, Improvement in Protein Intake and Consumer Structure</li> <li>▪ Provision of Credit Facilities</li> <li>▪ White Paper on Indonesian Fisheries</li> </ul>
122.	Jetty and Storage Tank Piles Design for KUFPEC Phase I Oseil Oil Field Production Facilities, Bula, Seram Island – Maluku	KUFPEC Indonesia Limited	Main	2001	- Design of Oil Storage Tanks and Jetty
123.	Eastern Indonesian Fishery Infrastructure Development	Directorate General of Fisheries / Sector Program Loan - Japan Bank for International Cooperation	Main	2000 - 2002	- Master Planning
124.	Oil Palm Jetty Design, Teluk Bilang, Komaligon, Toli-Toli – Central Sulawesi	PT. Hardaya Inti Plantation	Main	2000	- Design of 10.000 DWT Jetty
125.	Fishing Ports Design at the following locations: Sungai Liat, Batu Rusa, Manggar, Tanjung	Directorate General of Fisheries / Sector Program	Main	1999	<ul style="list-style-type: none"> <li>- Data Gathering and Analysis</li> <li>- Oceanographic and Topographic Surveys</li> <li>- Soil Investigation</li> <li>- Fishery Development Study</li> </ul>

# *List of Company Experiences*

**1980 – 2015**

No	Project, Location	Clients / Associate	Owner/Source of Fund	Year	Job Descriptions
	Pandan, Bantal, Bungus and Carocok	Loan – Overseas Economic Cooperation Fund (Japan)			- Design of Fishing Port
126.	Gunung Batu Besar Port, South Kalimantan, and Kayu Adi Port, South Sulawesi, Development	Directorate General of Sea Communication / APBN	Main	1998 - 1999	- Data Gathering and Analysis - Oceanographic and Topographic Surveys - Soil Investigation - Fishery Development Study
127.	PT. Pertamina Jetty, Sambu Island – Riau	PT. Pertamina	Sub consultant of PT. Bangun Cipta Kontraktor	1998	- Design of Jetty
128.	Indonesian Nationwide Ferry Service Routes (Stage II) Development	JICA	Pacific International Consultants	1998	- Environmental Survey and Study
129.	Shinho Korindo Industry Port, Bintan Island – Riau	Shinho - Korindo	Main	1997 - 1998	- Master Planning - Oceanographic and Topographic Surveys - Soil Investigation - Design of Wharf and Factory
130.	Port Construction/ Rehabilitation, Maritime Transportation Sector Loan in Eastern Indonesia (Phase II)	Directorate General of Sea Communication/ Overseas Economic Cooperation Fund (Japan)	Sub consultant of Pacific Consultants International	1995 - 1998	- Master Planning - Geological, Oceanographic and Topographic Surveys - Design of Ports and Waterfront Facilities - Construction Supervision
131.	Indonesia Ports Evaluation Study Regional Technical Assistance (RETA)	Asian Development Bank	Main	1997	- Ports Evaluation
132.	Balikpapan (East Kalimantan), Banjarmasin (South Kalimantan) and Gresik (East Java) Ports Development	Directorate General of Sea Communication / Asian Development Bank	Pacific Consultants International	1996	- Geological, Oceanographic, Bathymetric, and Topographic Surveys - Soil Investigation - Master Planning
133.	Old Martapura Port Replacement, Banjarmasin – East Kalimantan	PT. Pelindo III / APBN	Main	1996 - 1997	- Bathymetric and Topographic Surveys - Soil Investigation - Design of Port
134.	1 × 400 MW Bojonegara Power Station, West Java	Sumitomo Corporation	Main	1996	- Oceanographic and Topographic Surveys
135.	Balikpapan Container Port Development , Kariangau, Balikpapan – East Kalimantan	PT. Pelindo IV	Main	1996	- Soil Investigation
136.	Netherlands International School, Cilandak – South Jakarta	NEDECO	Main	1996	- Swimming Pool Construction Supervision
137.	Ancol Baru Reclamation, Ancol – North Jakarta	PT. Manggala Krida Yudha	Main	1995 - 1996	- Soil Investigation - Geological, Oceanographic and Topographic Surveys - Design of Reclamation - Pre-Construction
138.	Baruna Jaya Research Vessel Base, Dadap, Tangerang – Banten	The Government Agency on Assessment and Application of Technology (BPPT) / Indonesian Government	Main	1994 - 1995	- Oceanographic and Topographic Surveys - Soil Investigation - Environmental Impact Assessment - Master Planning - Design of Jetty

# *List of Company Experiences*

**1980 – 2015**

No	Project, Location	Clients / Associate	Owner/Source of Fund	Year	Job Descriptions
139.	Urban Drainage Design, Dumai – Riau	Department of Public Works, Directorate General of Cipta Karya / Indonesian Government	Main	1994 - 1995	<ul style="list-style-type: none"> <li>- Topographic Survey</li> <li>- Soil Investigation</li> <li>- Design of Urban Drainage</li> </ul>
140.	Jl.Tol Prof. Sedyatmo Drainage Design Cengkareng – Banten	Department of Public Works, Directorate General of Cipta Karya / Government of Indonesia	Main	1994 - 1995	<ul style="list-style-type: none"> <li>- Topographic Survey</li> <li>- Design of Toll Road Drainage</li> </ul>
141.	SWS Nasal River Flood Control Master Plan, Alas, Tala – Bengkulu	Department of Public Works Bengkulu Province / APBN	Main	1994	<ul style="list-style-type: none"> <li>- Topographic Survey</li> <li>- Soil Investigation</li> <li>- Flood Control Master Planning</li> </ul>
142.	Kapuk Naga Indah Land Development Project, Kapu – North Jakarta	PT. Kapuk Naga Indah	Main	1994	<ul style="list-style-type: none"> <li>- Feasibility Study</li> <li>- Land Development Master Planning</li> </ul>
143.	Balikpapan Port Development Project, Balikpapan – East Kalimantan	PT Pelindo IV / Overseas Economic Cooperation Fund (Japan)	Pacific Consultants International	1993 - 1994	<ul style="list-style-type: none"> <li>- Topographic Survey</li> </ul>
144.	Surabaya and Eastern Region Ports Development	Directorate General of Sea Communication / Asian Development Bank	Sub consultant of Pacific Consultants International	1993 - 1994	<ul style="list-style-type: none"> <li>- Feasibility Study</li> <li>- Container Ship Traffic Analysis</li> </ul>
145.	Old Martapura Port Relocation, Banjarmasin – South Kalimantan	Directorate General of Sea Communication / APBN	Main	1993 - 1994	<ul style="list-style-type: none"> <li>- Master Planning</li> <li>- Preliminary Layout and Design of Port</li> </ul>
146.	Port Construction/ Rehabilitation Project, Maritime Transportation Sector Loan in Eastern Indonesia (Phase I)	Directorate General of Sea Communication / Overseas Economic Cooperation Fund (Japan)	Pacific Consultants International	1994 - 1996	<ul style="list-style-type: none"> <li>- Oceanographic and Topographic Surveys</li> <li>- Soil Investigation</li> <li>- Construction and Maintenance Supervision</li> <li>- Design of 7 Ports</li> </ul>
147.	Sintang – West Kalimantan) and Kuala Tungkal – Jambi Urban Drainage Design	Department of Public Works, Directorate General of Cipta Karya / Overseas Economic Cooperation Fund (Japan)	Main	1993 - 1994	<ul style="list-style-type: none"> <li>- Topographic Survey</li> <li>- Soil Investigation</li> <li>- Master Planning</li> <li>- Design of Urban Drainage</li> </ul>
148.	Chemical Tanker Jetty Design (2.500 - 10.000 DWT), Merak – West Java	PT Merak Sarana Terminalindo (Sari Sarana Kimia Group)	Main	1992 - 1993	<ul style="list-style-type: none"> <li>- Oceanographic and Topographic Surveys</li> <li>- Soil Investigation</li> <li>- Design of 2.500 – 10.000 DWT Jetty</li> </ul>
149.	Pontianak Urban Drainage Design, West Kalimantan	Department of Public Works, Directorate	Main	1992 - 1993	<ul style="list-style-type: none"> <li>- Bathymetric and Topographic Surveys</li> <li>- Soil Investigation</li> <li>- Master Planning</li> </ul>

# *List of Company Experiences*

**1980 – 2015**

No	Project, Location	Clients / Associate	Owner/Source of Fund	Year	Job Descriptions
		General of Cipta Karya / Overseas Economic Cooperation Fund (Japan)			- Design of Urban Drainage
150.	Banda Aceh Urban Drainage Master Plan and Design, Aceh – Nanggroe Aceh Darussalam	Department of Public Works, Directorate General of Cipta Karya / APBN	Main	1991 - 1992	- Bathymetric and Topographic Surveys - Soil Investigation - Master Planning - Design of Urban Drainage
151.	Dumai Port Short Development Phase II, Riau	Directorate General of Sea Communication / Overseas Economic Cooperation Fund (Japan)	Pacific Consultants International	1992 - 1996	- Construction Supervision
152.	Duriangkang Dam Development, Batam Island	Badan Otorita Batam / APBN	Pacific Consultants International, SAFEGE	1992 - 1993	- Construction Supervision
153.	General Cargo Ship Jetty Design, Pomalaa – South East Sulawesi	PT. Aneka Tambang	Main	1991	- Oceanographic Survey - Design of 10.000 DWT Jetty
154.	Passenger Ship and Supply Barge Jetty Design, Bojonegara, Cilegon – West Java	Golden Key Group	Main	1991 - 1992	- Oceanographic and Topographic Surveys - Soil Investigation - Design of Jetty - Construction Supervision
155.	Benoa Port Access Channel Optimization Master Plan, Bali	Directorate General of Sea Communication/ Asian Development Bank	Main	1990 - 1991	- Oceanographic and Topographic Surveys - Soil Investigation - Environmental Impact Assessment - Transportation Master Planning
156.	Duriangkang Dam Water Supply Scheme, Batam Island	Badan Otorita Batam / APBN	Pacific Consultants International, SAFEGE, Citaconas, PARSON Inc.	1990 - 1991	- Bathymetric and Topographic Surveys - Soil Investigation - Environmental Impact Assessment - Design of Water Reservoir and Shore Protection
157.	Lhokseumawe and Kisanan Urban Drainage Design, Aceh – Nanggroe Aceh Darussalam	Department of Public Works / APBN	Main	1990 - 1991	- Hydrologic and Topographic Surveys - Soil Investigation - Design of Urban Drainage
158.	Balikpapan and Tarakan Urban Drainage Design, East Kalimantan	Department of Public Works/APBN	Main	1989 - 1990	- Hydrologic and Topographic Surveys - Soil Investigation - Design of Urban Drainage
159.	Marunda Port Breakwater, Pier and Turning Basin Area Design, North Jakarta	P.T. Marunda Wood Center	Main	1989 - 1990	- Oceanographic and Topographic Surveys - Soil Investigation - Design of Breakwater, Pier, and Turning Basin
160.	Banjarmasin Phase I Ports Development Part A, Banjarmasin – South Kalimantan	Directorate General of Sea Communication / Asian Development Bank	Pacific Consultants International, PT. Dacrea	1989 - 1992	- Construction Supervision
161.	Balikpapan Phase I Ports	Directorate	Pacific	1988 – 1992	- Construction Supervision

# *List of Company Experiences*

**1980 – 2015**

No	Project, Location	Clients / Associate	Owner/Source of Fund	Year	Job Descriptions
	Development Part B, Balikpapan – East Kalimantan	General of Sea Communication / Asian Development Bank	Consultants International, PT. Dacrea		
162.	Dumai Port Short Term Development Program Phase I, Dumai – Riau	Directorate General of Sea Communication/ Sector Loan	Main	1989 - 1990	- Construction Supervision
163.	PT. Pertamina Jetty, Tenau, Kupang – East Nusa Tenggara	PT. Pertamina UPDN V	Main	1988-1989	- Construction Supervision
164.	Jakarta Fishing Port, Muara Baru – North Jakarta	Directorate General of Fishery /APBN	Pacific Consultants International	1988	- Master Planning - Design of Reclamation, Port and Breakwaters Rehabilitation
165.	Majene Urban Drainage Master Plan, South Sulawesi	Department of Public Works, Directorate General of Cipta Karya	Main	1988 - 1989	- Topographic Survey - Soil Investigation - Master Planning - Design of Urban Drainage
166.	Banjarmasin Port Dredging, Banjarmasin – South Kalimantan	Directorate General of Sea Communication/ ADB + Nordic Bank	Pacific Consultants International and PT. Dacrea	1988 – 1989	- Construction Supervision
167.	PT Pertamina Jetty Master Plan, Tenau, Kupang – East Nusa Tenggara	PT. Pertamina	Main	1987	- Master Planning - Design of 17.000 DWT Tanker Jetty
168.	Breakwater Design, Bengkulu Port, Bengkulu	Public Port Corporation II	Main	1988 - 1989	- Construction Supervision
169.	Kendari Fishing Port, Kendari – South East Sulawesi	Overseas Economic Cooperation Fund (Japan)	Pacific Consultants International	1986	- Oceanographic , Bathymetric and Topographic Surveys - Erosion Study
170.	Brondong, Lombok, Sikka, Maumere, Bau-bau, Pasar Wajo and Cisolok Fishing Port	Overseas Economic Cooperation Fund (Japan)	Pacific Consultants International	1986	- Oceanographic , Bathymetric and Topographic Surveys
171.	BPP No.1 Terminal Urgent Program, Balikpapan – East Kalimantan	Directorate General of Sea Communication / Asian Development Bank	Pacific Consultants International	1985 - 1986	- Soil Investigation - Master Planning - Design of Port
172.	Dumai Port Short Term Development Project, Dumai – Riau	Directorate General of Sea Communication / Overseas Economic Cooperation Fund (Japan)	Pacific Consultants International	1985 - 1986	- Oceanographic, Bathymetric, Hydrologic and Topographic Surveys - Soil Investigation - Design of Port - Pre-Construction
173.	Babo Port Development, Irian Jaya	Directorate General of Sea Communication/ Indonesian Government	Main	1985	- Design of 1.250 DWT Jetty and Shore Protection - Pre-Construction
174.	Banten Port, West Java	PERUM Pelabuhan II Tanjung Priok	Main	1985 - 1987	- Construction Supervision

# *List of Company Experiences*

**1980 – 2015**

No	Project, Location	Clients / Associate	Owner/Source of Fund	Year	Job Descriptions
175.	New Port Administration Office Building, Ciwandan, Cilegon – West Java	PERUM Pelabuhan II Tanjung Priok	Main	1985	- Design of Port Facilities
176.	Lhok Bubon Port Development, Lhok Bubon, West Aceh – Nanggroe Aceh Darussalam	Directorate General of Sea Communication / Indonesian Government	Main	1984 - 1985	- Design of 2.500 DWT Wharf and Shore Protection
177.	Banjarmasin, South Kalimantan and Balikpapan, East Kalimantan Ports Development	Directorate General of Sea Communication / Asian Development Bank	Main	1984 - 1985	- Oceanographic, Bathymetric and Topographic Surveys - Soil Investigation - Master Planning - Design of 10.000 DWT Wharf and Shore Protection - Pre-Construction
178.	ASEAN Aceh Fertilizer Harbor Expansion, Lhokseumawe, North Aceh – Nanggroe Aceh Darussalam	ASEAN Aceh Fertilizer	Pacific Consultants International	1984	- Bathymetric and Topographic Survey - Design of Sand Nourishment
179.	Iskandar Muda Fertilizer Plant, Lhokseumawe, North Aceh – Nanggroe Aceh Darussalam	PT. Pupuk Iskandar Muda (PIM)	Main	1983	- Environment Impact Assessment
180.	Teluk Bayur Port, Padang – West Sumatera	PN. Tambang Batubara	Main	1982	- Bathymetric Survey - 25.000 DWT Ship Access Channel Master Planning
181.	Krueng Geukueh River Flow Relocation, Lhokseumawe, North Aceh – Nanggroe Aceh Darussalam	PT. Pupuk Iskandar Muda (PIM)	Main	1983 – 1984	- Soil Investigation - Design of Terrace and Slope Protection
182.	Sekupang Port, Batam Island	Otorita Batam	PT. Bangun Cipta Kontraktor	1981 – 1982	- Design of 10.000 DWT Ship Wharf
183.	ASEAN Aceh Fertilizer Plant, Lhokseumawe, North Aceh – Nanggroe Aceh Darussalam	PT. ASEAN Aceh Fertilizer (AAF)	Main	1981 – 1983	- Construction Supervision of 1.000.000 m <sup>3</sup> Reclamation, 1.055 m Breakwater, 15.000 SWT Ship Jetty and Waste Water Treatment Plant
184.	Palembang Port, South Sumatra	Directorate General of Sea Communication / APBN	PT. Delta Tama Waja	1981 - 1982	- Design of Tower and Building
185.	Baai Island Port, Bengkulu	Directorate General of Sea Communication / APBN	PT. Delta Tama Waja	1981	- Design of Reclamation and 6.000 DWT Ship Wharf