



Industrial Estate Authority of Thailand

The Map Ta Phut Industrial Port Development Project, Phase 3 (Stage 2)

3rd Market Sounding Seminar

September 27th, 2023 (08:30 a.m. - 12.00 p.m.)

At Uthai Room, 6th Floor, Industrial Estate Authority of Thailand (Head Office)

September 2023

- 01 Overview**
- 02 Project Investment in MTP3 Stage II**
- 03 Instructions to Tenderers**
- 04 Readiness of government agencies**

Overview



Introduce and reviews background of the Map Ta Phut Industrial Port Development Project Phase 3 stage 1 and 2 on the Eastern Economic Corridor (EEC) infrastructure development plans.

Mr. Thitirak Akkarakun (Engineering Specialist)



20 – Year National Strategy (2017-2036)

The 12th National Economic and Social Development Plan (NESDP)



EEC

EASTERN ECONOMIC CORRIDOR
THE PRIME GATEWAY TO ASIA



Source: EECO

The Map Ta Phut Industrial Port Development Project, Phase 3 (Stage 2)

This is a draft informational document that is preliminary in nature and it is used for market sounding purpose only.



6

- 1 U-Tapao International Airport and Eastern Airport City**
To accommodate the EEC expansion while serving a passenger link to Don Mueang and Suvarnabhumi International Airports.
- 2 U-Tapao Maintenance, Repair and Overhaul (MRO) Facility**
To facilitate heavy maintenance, line maintenance and aircraft painting.
- 3 Laem Chabang Port, Phase 3**
To expand Laem Chabang Port to reach a capacity of at least 18.1 million TEUs per year with 30% of total containers transported via railway making available the multimodal transport, which links Thailand with other countries through either transshipment or rail transport, esp. the CLMV countries and China.
- 4 Map Ta Phut Industrial Port, Phase 3**
To increase shipment capacity of the natural gas and liquid cargoes for petrochemical industry
- 5 The High-Speed Rail Linking Three Airports Project,**
including Don Mueang, Suvarnabhumi and U-Tapao airports:
To facilitate inter-provincial travel and transport in the EEC and the related provinces/regions, to allow for more convenience while reducing travel time and saving costs
- 6 Eastern Economic Corridor of Digital (EECd) or Digital Park Thailand**
To add value to Thailand's digital industry, improve and pivot its conventional ICT towards new S-Curve digital industry. This project will also serve as a center for new digital businesses development, which is an essential mechanism for transforming the country into a digital hub outlined under its Thailand 4.0 initiative.

Major projects announced are joint venture projects with the private sector or for private investors to be announced in The Royal Thai Government Gazette (PPP EEC Track)

“EEC Project List”

The Cabinet Meeting No. 8/2561 on October 30th , 2018

The cabinet resolved to approve the principles of 4 project proposed by the Eastern Economic Corridor Office of Thailand (EECO).



EEC

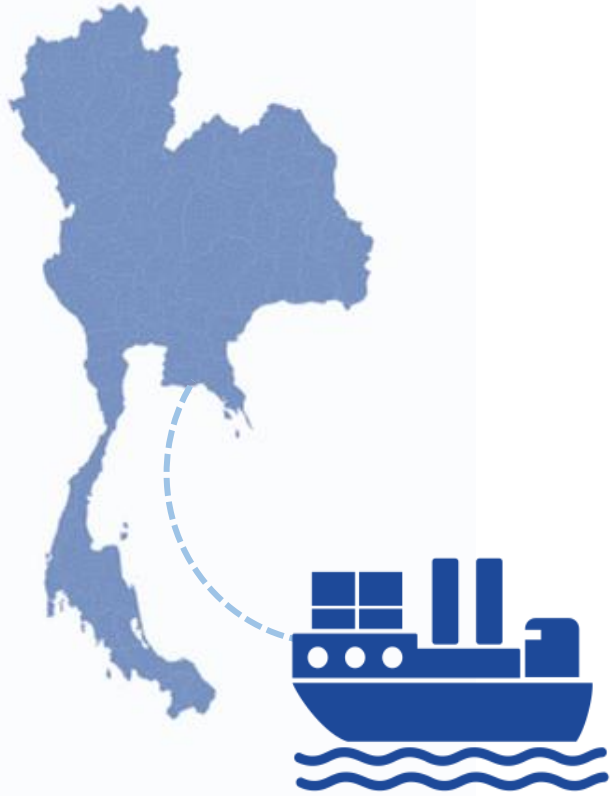
EASTERN ECONOMIC CORRIDOR
THE PRIME GATEWAY TO ASIA

The Principles of 4 project

1. U-Tapao Maintenance, Repair and Overhaul (MRO) Facility
2. U-Tapao International Airport and Eastern Airport City
3. The Laem Chabang Port Phase 3
4. The Map Ta Phut Industrial Port Phase 3

Objectives of MTP3

- To increase capacity for shipment of **natural gas and liquid cargoes at Map Ta Phut Port**
- To increase a number of **public berths**
- To follow the **Eastern Economic Corridor (EEC) infrastructure development plans**
- To enhance energy stability in Thailand



The Map Ta Phut Industrial Port Development Project Phase 3

“ MTP3



STAGE I

Selection of the private sector to participate in the infrastructure investment. The eligible private sector would be granted the right to develop the Plot-B area (LNG).

STAGE II

Selection of the private sector to participate in the infrastructure investment. The eligible private sector would be granted the right to develop the Plot-A area (no LNG port allowed) and Plot-C area.



The Map Ta Phut Industrial Port Development Project, Phase 3 (Stage 2)

This is a draft informational document that is preliminary in nature and it is used for market sounding purpose only.





Stage I

Status I : IEAT has successfully selected and awarded the Public-Private Partnership (PPP) contract to Gulf MTP LNG Terminal Co., Ltd. (GMTP) on October 1st, 2019. The Concession period is 35 years in total.

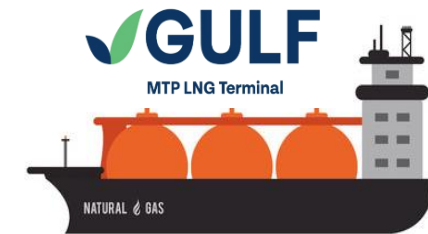


On October 1st, Gulf MTP LNG Terminal Company Limited entered into a Public Private Partnership (PPP) contract with Industrial Estate Authority of Thailand (IEAT) for development of Map Ta Phut seaport phase III (Stage 1) with the joint investment including land reclamation with the investment cost of approximately 12,900 million baht, and the right of construction of LNG terminal stage 1 with the capacity of not less than 6.8 million tons per year in the 20th year onwards for the approximately amount of 35,000 million baht. Therefore, the total investment of the project shall be approximately 47,900 million baht.

12,900 million baht



35,000 million baht



October 1st, 2019

Source : The cabinet meeting No. 8/2561 on October 30th, 2018

Phase 3 (Stage 2)

This is a draft informational document that is preliminary in nature and it is used for market sounding purpose only.



AEC

Progress of construction work



August 27, 2023

Progress of construction work : **61.66%**



The Map Ta Phut Industrial Port Development Project, Phase 3 (Stage 2)





EEC
เขตพัฒนาพิเศษ
ภาคตะวันออก



โครงการพัฒนากำรเรือท่าอากาศยานนานาชาติ ระยะที่ 3 (ช่วงที่ 1)





Stage II

The Map Ta Phut Industrial Port Development Project, Phase 3 Stage II

Selection of the private sector to participate in the investment on the reclaimed land developed by stage I



Scope of the Project (Stage 2)



Plot A

Design and Construction of the two liquid cargo berths of approx. 200 rai, with about 815-meter berth length,

Business operation of the two liquid cargo berths of approx. 200 rai, with about 815 meter berth length. **(LNG is not allowed for this project) to support the product approximately 4 million tons per year.**



- The design and construction period of plot A project (Superstructure) is **2 years**.
- The period of business operation is **30 years**.

Plot C

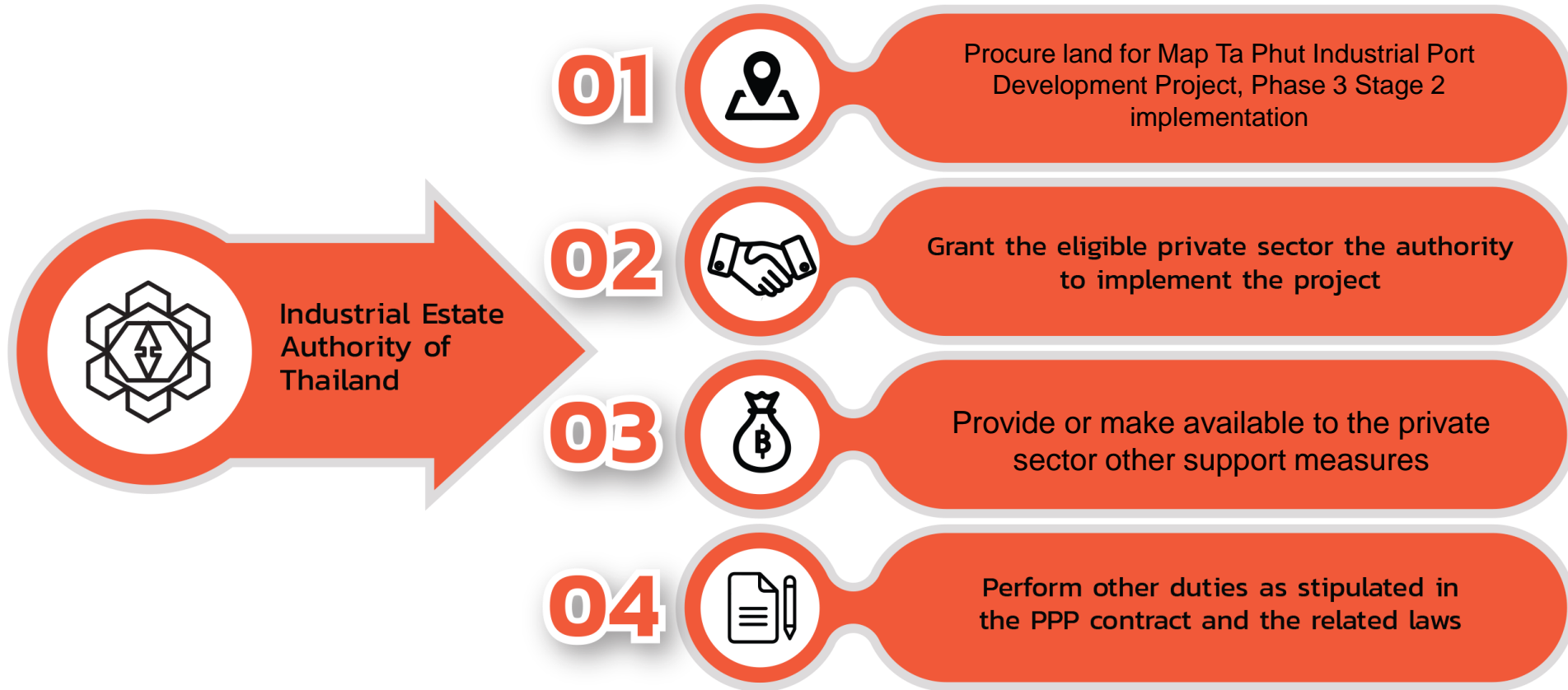
Design and Construction of the IEAT industry related business of approx. 150 rai.

Business operation of the IEAT industry related business of approx. 150 rai.

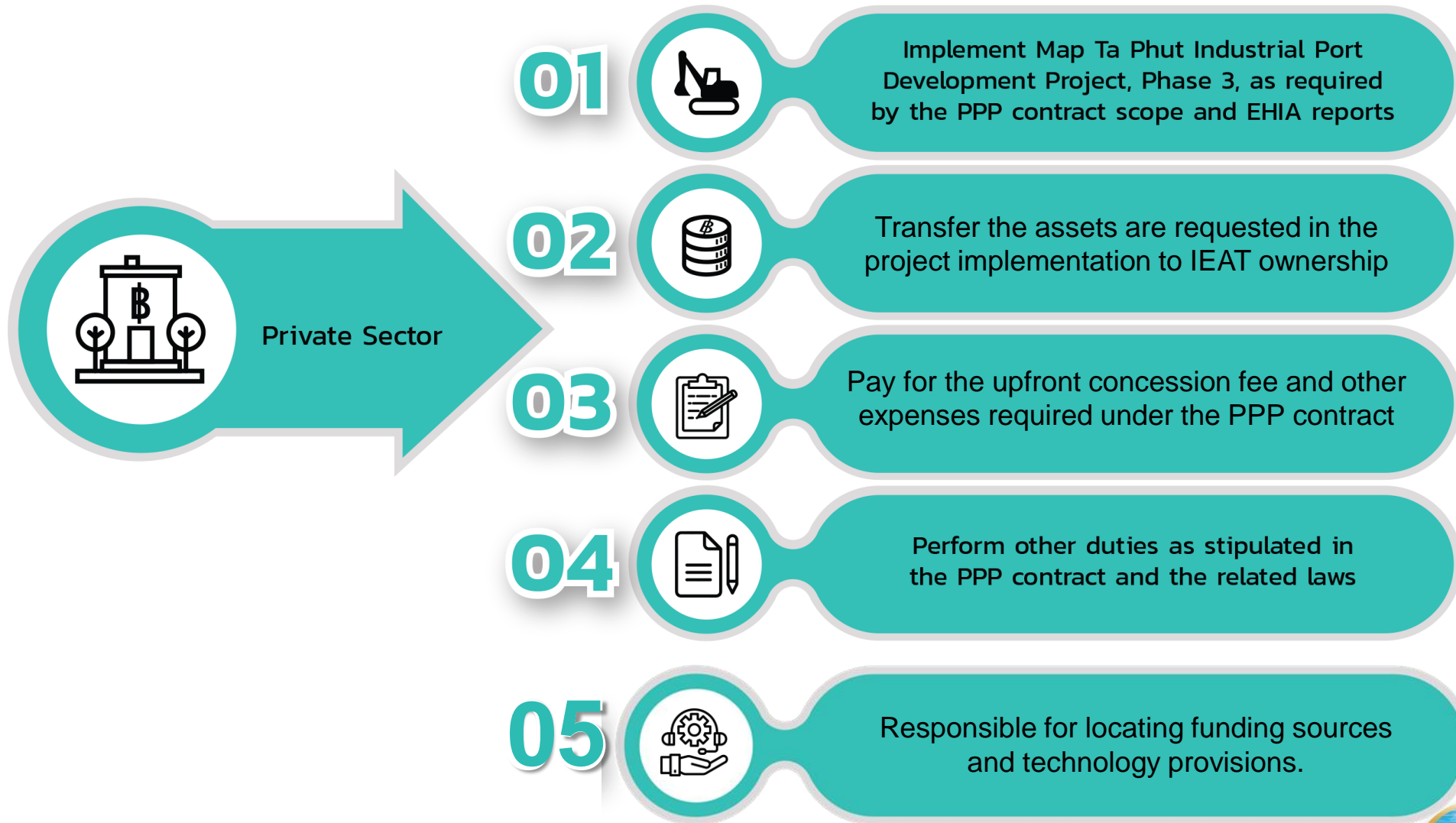


- The design and construction period of plot C project (Superstructure) is **2 years**.
- The period of business operation is **30 years**.

Duties and Responsibilities



Duties and Responsibilities





Emergency Insurance and Quality of Life Development Fund

Emergency Insurance and Quality of Life Development Fund

Shall allocate the annual budget for Emergency Insurance Fund and Quality of Life Development Fund.

Plot A and Plot C

- Successful bidder shall allocate the budget for **Emergency Insurance Fund at 2,000 Baht per rai per year of the occupied hinterland.**
- Successful bidder shall allocate the budget for **Quality of Life Development Fund at 8,000 Baht per rai per year of the occupied hinterland.**



Plot A :

- Exemption from import duties
- Income tax juristic persons exemption : 6 years 



Plot C :

The investment promotion regulations on Plot C shall be applied to Private Sector's business industry accordingly.

*This is a informational document that is preliminary



Plot A and Plot C

The private sector shall be prepared the Environmental Impact Assessment report (EIA or EHIA) according to regulatory requirements and **submitted for ONEP approval in approximately 24 months**. Notice to Proceed 1 (NTP1) shall be granted to the successful bidder after the approval of the report.

Note: ONEP = Office of Natural Resources and Environmental Policy and Planning.



Ownership of The Essential Assets Required

For port Superstructure construction work on the reclaimed land, asset ownership of the essential materials shall be transferred to IEAT by the private sector upon expiration of the project Duration.



Build - Operate – Transfer (BOT)





PROJECT OVERVIEW

2021

2022

2023

2024

2025

2026

2027

2028

2029

... 2059

Infrastructure (3 Years)

NTP1

(DEC 28, 2021 – DEC 27, 2024)

BTO

Superstructure (2 Years)

NTP2

Operation (30 Years)

NTP3

BOT

BOT – End of Project Contract

Phase 3 : Stage 1

Selection of the private sector to participate on investment on reclaimed land developed by stage I



**Contract Award
2025**

≈ 24 months

A C

**Required EHIA or EIA
report**

NTP1

≈ JULY, 2027

**Superstructure
(2 Years)**

NTP2

≈ JULY, 2029

**Operation
(30 Years)**

Phase 3 : Stage 2



The Map Ta Phut Industrial Port Development Project, Phase 3 (Stage 2)

This is a informational document that is preliminary in nature and it is used for pre-bidding meeting only.



AEC₂₁

Finance and Investment



Detailed Information of the Project Stage 2, for the finance and investment in Plot A area and Plot C area.

Mr. Thunyaboon Tamsuwan (Finance and Investment Specialist)



Project Investment Cost

Source : the cabinet meeting No. 8/2561 on October 30th, 2018

Project Investment Cost

The project has overall investment **approximately 55,400 THB Million** which shall be divided into 4 parts as below:

Infrastructure



Dredging and Land Reclamation Works Cost approx. **12,900 THB Million**

Plot B



Superstructure of Natural Gas Berths approx. **35,000 THB Million**

Plot A



Superstructure of Liquid Cargo Berths **4,300 THB Million**

Plot C



The IEAT industry related business **3,200 THB Million***

Remarks: * Subject to change base on business in the area

Expected NPV

Expected NPV = 6,582 THB Million

(with 6.48% discount rate)



The Net Present Value (NPV) of The Minimum Rate of Return payable by The private sector will be equivalent to approximately **6,582 THB Million**.



Plot A: Liquid Cargo Berth (1/3)

1 Land rental: This shall be divided into port area and hinterland with a different payment term



- **Port area rental:** THB 918,632.65 / Meter / 32 years
(Separate into 2 installments for the first 2 years of construction period) (50:50)

Year	THB / Meter / 30 years
2023	806,753.00
2024	833,375.85
2025	860,877.25
2026	889,286.20
2027	918,632.65



- **Hinterland rental:** THB 586,677 / Rai / year
with an escalation of 10% every 5 year
(annual payment)

Year	THB / Rai / Year
2023 - 2027	586,677.00
2028 - 2032	645,344.70
2033 - 2037	709,879.17
2038 - 2042	780,867.09
2043 - 2047	858,953.80
2048 - 2052	944,849.18
2053 - 2057	1,039,334.09



Plot A: Liquid Cargo Berth (2/3)

2 Operating Expenses

- 2.1 Port Dues:** This shall be subject to a volume of vessels



- **Size: < 700 GRT** = THB 0 / GRT
- **Size: From 700 to 2,000 GRT** = THB 5 / GRT
- **Size: > 2,000 GRT** = THB 8 / GRT

- 2.2 Tug Service:** This shall be subject to a purpose of usage



- **At multipurpose terminal:** THB 7.5 / 100 GRT / hour
- **At Harbor craft berth:** THB 5 / 100 GRT / hour

- 2.3 Utilities Expenses** such as electricity, water, and maintenance fee, etc.



- Annual payment which shall be in accordance with the requirement of the IEAT

Remark: The rate shall be in accordance with the requirements of the IEAT



Plot A: Liquid Cargo Berth (3/3)

2

Operating Expenses

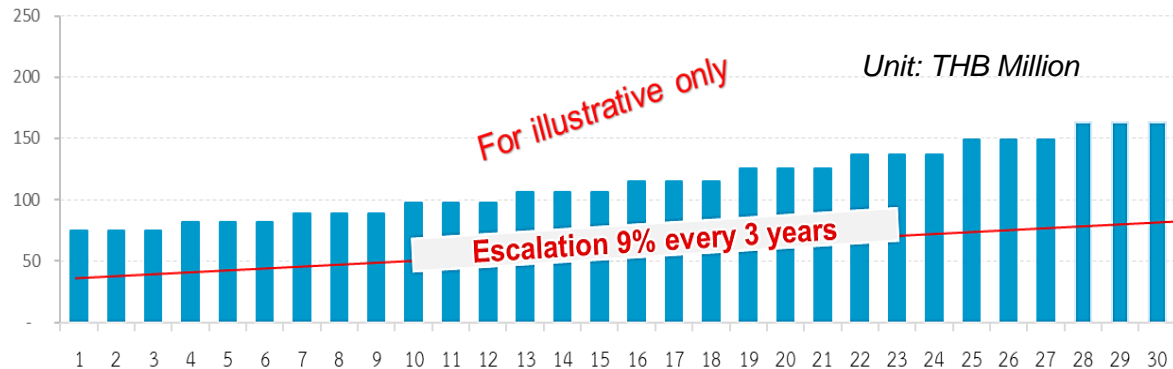
2.4

Concession fee



- The concession fee shall be fixed as per required by IEAT start from 75.00 THB Million (Year 1) to 162.89 Million Baht (Year 30) during the period

Annual Concession Fee to IEAT (30 years)



2.5

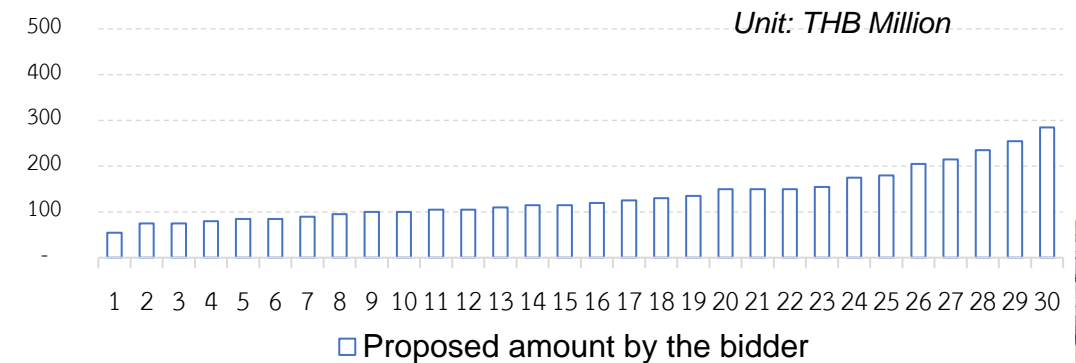
Throughput Fee



- The bidder shall propose an annual Throughput Fee for operation period.
- Total Present Value amount is expected to be at least 2,150 THB Million (with discount rate of 6.48%)



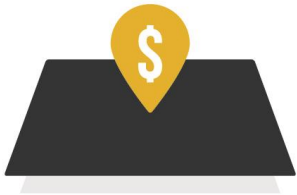
Annual Throughput Fee to IEAT (30 years)



Plot C: The IEAT industry related businesses

1 Land Rental and Operating Expenses

- 1.1** • **Hinterland rental: THB 586,677 / Rai / year** with an escalation of 10% every 5 year (annual payment)



Year	THB / Rai / Year
2023 - 2027	586,677.00
2028 - 2032	645,344.70
2033 - 2037	709,879.17
2038 - 2042	780,867.09
2043 - 2047	858,953.80
2048 - 2052	944,849.18
2053 - 2057	1,039,334.09

- 1.2** **Utilities Expenses** such as electricity, water, and maintenance fee, etc.



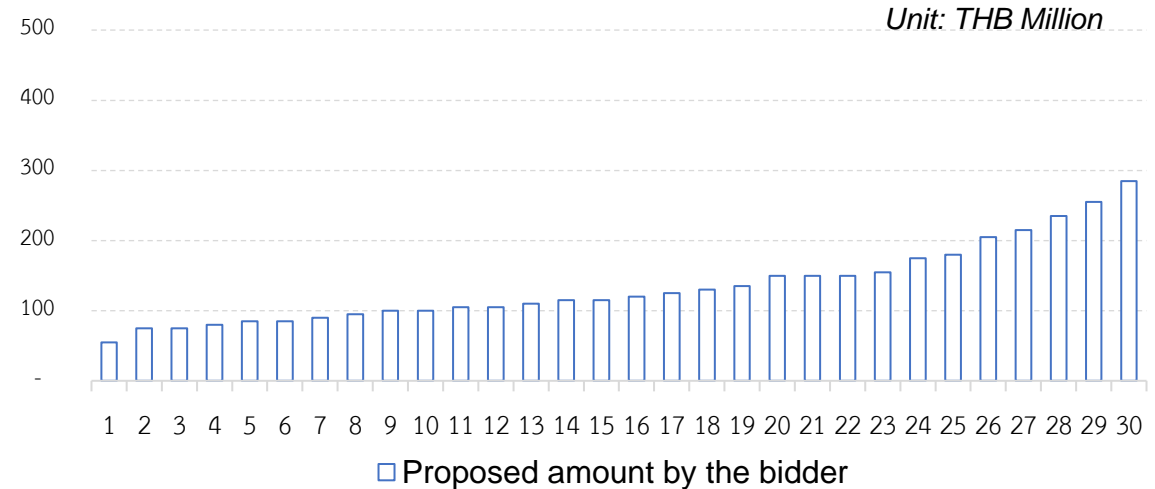
Annual payment which shall be in accordance with the requirement of the IEAT.

Remark: The rate shall be in accordance with the requirements of the IEAT

1.3

The bidder shall propose the amount of an annual **Participation Fee Payable (without minimum)** to IEAT during 30 years of operation period.

Annual Participation Fee Payable to IEAT (30 years)



Qualification of Tenderer

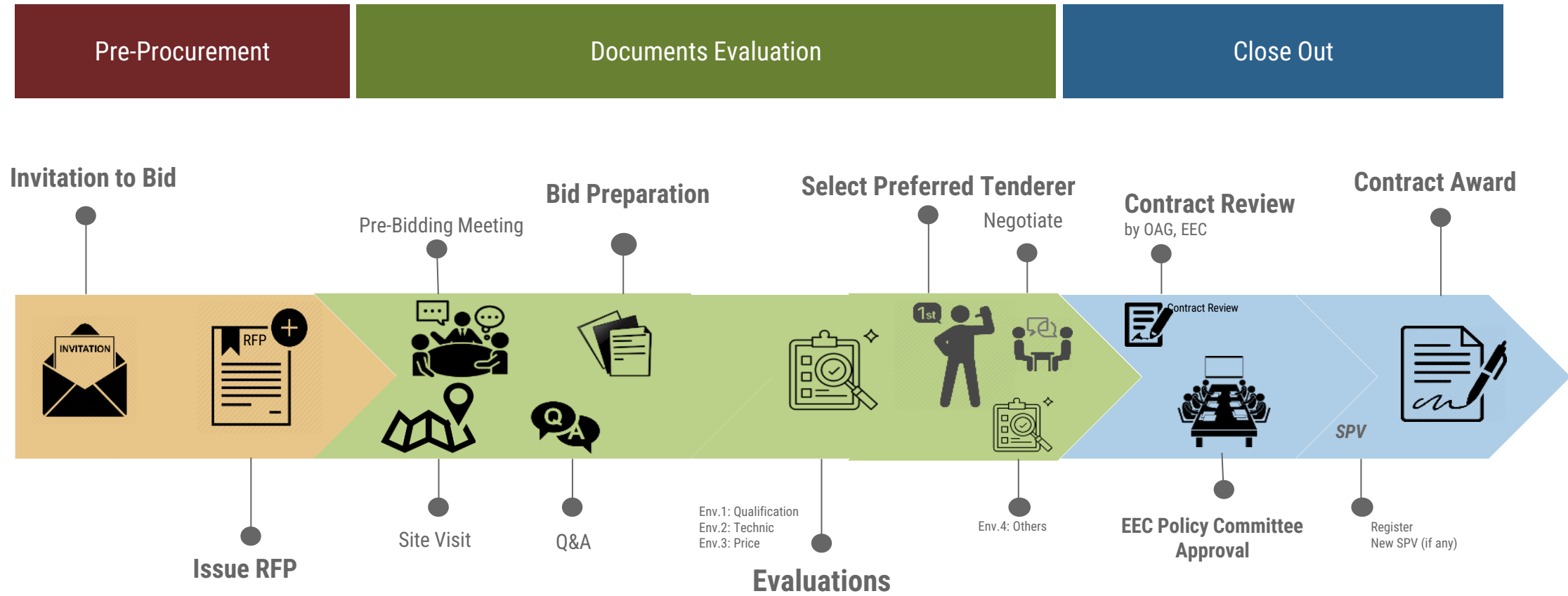


Detailed Information about instructions to tenderers
in Plot A area and Plot C area

Mr. Khanaphot Vachirakumthorn (Contract Document Specialist)



Procurement Process



Qualification of Tenderer

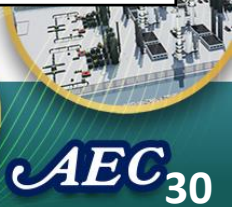


Eligibility



	Single Juristic Person	Consortium	Joint Venture (In/Un-corporate)	Company Mergers
Business Registered	3 Years	3 Years (Each Shareholder)	3 Years (Each Shareholder)	3 Years (Each Shareholder)
Thai (Lead) Shareholder	-	≥ 25%	≥ 25%	≥ 25%
Total Shareholders (Thai)	-	≥ 51%	≥ 51%	≥ 51%
Member Shareholders*	-	≥ 5%	≥ 5%	-

*Note - Foreign juristic person shall associate with Thai juristic persons



Qualification of Tenderer



No Conflict of Interest :

Eligibility



Historical
Contract Non-
Performance

Financial
Situation

Experience

Past
performance

- 1) Management Relationship (manager, managing partner, managing director, executive or person authorized to manage the business)
- 2) Capital Relationship (major shareholder > 25%)
- 3) Cross Relationship between 1) and 2)
- 4) Holding of position or being a shareholding as spouse or minor of the person in 1), 2), or 3)



Waiver of Immunity of refuse being taken to Thai court.

Qualification of Tenderer

Eligibility

Historical
Contract Non-
Performance

Financial
Situation

Experience

Past
performance



Litigation history last 5 years

- Pending Litigation
- Litigation History



Shall not be named in the Official List of Work Abandoners.

Qualification of Tenderer



Average Net Worth for the Last 3 Years

	Plot A	Plot C
Single Juristic Person	1,075 MB	800 MB
Consortium (Weighted based on % of shareholding)		
Joint Venture (In/Un-corporate) (Weighted based on % of shareholding)		
Company Mergers		

Eligibility

Historical
Contract Non-
Performance

Financial
Situation

Experience

Past
performance

The tenderer shall submit an evidence of the **Letter of Intent** that guarantee and granting of line of credit and/or **Cash and Cash Equivalent**.



- $\geq 3,225$ MB for Plot A
- $\geq 2,400$ MB for Plot C

Qualification of Tenderer

Eligibility

Historical
Contract Non-
Performance

Financial
Situation

Experience



Past
performance

Plot A : Liquid Cargo Berths

Qualification of Tenderer

Eligibility

Historical
Contract Non-
Performance

Financial
Situation

Experience

Past
performance



Plot A : Liquid Cargo Berths

Port Construction :

Completed works up until the bid submission date:

- Petroleum Port; or
- Petrochemical Port; or
- Liquid Port
- Coastal Terminal

Construction value:

- Single contract $\geq 2,000$ MB or
- Several contracts combined $\geq 2,000$ MB with each contract $\geq 1,000$ MB

Tenderer can propose of his subcontractor's/affiliate's experiences to fulfill this requirement.

Qualification of Tenderer

Plot A : Liquid Cargo Berths

Operation and Maintenance :

- Import and/or Export of Petroleum Products or Petrochemical Products or Liquid Products with average import and/or export capacity for **the Last 3 Years > 500,000 Tons/year or**
- Production or Storage or Distribution of Petroleum Products or Petrochemical Products or Liquid Products with average import and/or export capacity for **the Last 3 Years > 500,000 Tons/year.**

Tenderer can propose of his subcontractor's/affiliate's experiences to fulfill this requirement.

Eligibility

Historical
Contract Non-
Performance

Financial
Situation

Experience

Past
performance



Qualification of Tenderer

Plot A : Liquid Cargo Berths

Conditions:

- The on-going projects shall have been implemented for **at least 5 consecutive years** on the Tender Submission Date.
- The completed projects shall have their completion dates of **no later than 5 years, with at least 5 consecutive years** of operation, up to the Tender Submission Date.

Eligibility

Historical
Contract Non-
Performance

Financial
Situation

Experience



Past
performance

Qualification of Tenderer

Eligibility

Historical
Contract Non-
Performance

Financial
Situation

Experience



Past
performance

Plot C : The IEAT industry related business

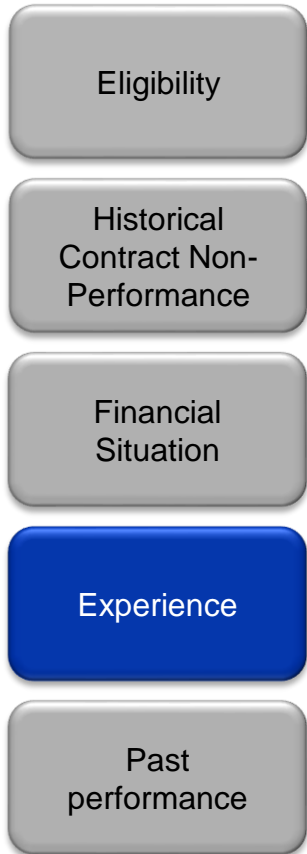
Qualification of Tenderer

Plot C : The IEAT industry related business

Business operation of :

- Logistic related to Petroleum Products or Petrochemical Products; or
- Warehouse related to Petroleum Products or Petrochemical Products; or
- Liquid tank farm consist of Petrochemical or Chemical Products or Gas; or
- Independent Power Producer (IPP) or Small Power Producer (SPP); or
- Petrochemical Plant; or
- Waste plant; or
- Sea Water Treatment Plant; or
- Business related to Steel Industry

Tenderer can propose of his subcontractor's/affiliate's experiences to fulfill this requirement.



Qualification of Tenderer

Plot C : The IEAT industry related business

Conditions:

- The on-going projects shall have been implemented for **at least 5 consecutive years** on the Tender Submission Date.
- The completed projects shall have their completion dates of **no later than 5 years, with at least 5 consecutive years** of operation, up to the Tender Submission Date.

Eligibility

Historical
Contract Non-
Performance

Financial
Situation

Experience



Past
performance

Qualification of Tenderer

Eligibility

Historical
Contract Non-
Performance

Financial
Situation

Experience

Past
performance



Consideration of the experiences and work achievements shall be based on the following criteria:

- Year of completed project.
- Local or abroad project.
- Government-owned or state enterprise-owned project.
- Allow to propose the passed experiences based on Joint Ventures or Consortium contract.
- Availability of completion certificate and contract copy issued by owner.
- Tenderer can propose of his subcontractor's/affiliate's experiences to fulfill the requirement.

Qualification of Tenderer



The tenderer may propose other proposals that it thinks will benefit the IEAT's service and operation.



The IEAT reserves the right to determine whether Envelope 4 shall be considered. In case of consideration, only the Envelope 4 of the preferred tenderer shall be considered.

Special Purpose Vehicle : SPV after award to the Successful Tenderer

- **Single Juristic / Company Mergers / Incorporated Joint Venture → Not-Required to establish SPV**
 - **Consortium / Unincorporated Joint Venture → Required to establish SPV**
-
- The Successful Tenderer shall provide jointly and severally liability of the performance of the newly established firm.
 - The newly established Thai juristic entity shall have **capital \geq 1,075 MB for Plot A and 800 MB for Plot C.** (paid-up capital shall not less than as required by law on the PPP contract signing date but it shall have fully paid-up capital before NTP 1).
 - The newly established Thai juristic entity should have and maintain debt to equity ratio (D/E ratio) 3:1 throughout the contract period.

Readiness of government agencies



Readiness of the Project and the Public Entity.

Mr. Porntep Puripatana (Deputy Governor of the IEAT)



According : Industrial Estate Authority of Thailand Act, B.E. 2522 (1979), Article 66

ประกาศคณะกรรมการการนิคมอุตสาหกรรมแห่งประเทศไทย เรื่อง การเปลี่ยนแปลงเขต เขตอุตสาหกรรมทั่วไป นิคมอุตสาหกรรมมาบตาพุด (ฉบับที่ ๗)

ตามที่ได้มีประกาศกระทรวงอุตสาหกรรม เรื่อง การจัดตั้งนิคมอุตสาหกรรมมาบตาพุด เป็นเขตอุตสาหกรรมทั่วไป ลงวันที่ ๑ มีนาคม พ.ศ. ๒๕๒๘ ในท้องที่ตำบลห้วยโป่ง และตำบลมาบตาพุด อำเภอเมืองระยอง จังหวัดระยอง และการนิคมอุตสาหกรรมแห่งประเทศไทยได้ดำเนินการขยายพื้นที่ นิคมอุตสาหกรรมมาบตาพุดโดยการเปลี่ยนแปลงเขตอุตสาหกรรมทั่วไปดังกล่าวอีกหลายครั้ง ซึ่งครั้งล่าสุดเป็นไปตามประกาศกระทรวงอุตสาหกรรม เรื่อง การเปลี่ยนแปลงเขต เขตอุตสาหกรรมทั่วไป นิคมอุตสาหกรรมมาบตาพุด (ฉบับที่ ๖) ลงวันที่ ๒๔ มีนาคม พ.ศ. ๒๕๕๒ นั้น

โดยที่คณะรัฐมนตรีมีมติเมื่อวันที่ ๑ ตุลาคม ๒๕๖๒ เห็นชอบการลงทุนโครงการขยายพื้นที่ นิคมอุตสาหกรรมมาบตาพุด ตามโครงการพัฒนาท่าเรืออุตสาหกรรมมาบตาพุด ระยะที่ ๓ ตามที่ กระทรวงอุตสาหกรรมเสนอ การนิคมอุตสาหกรรมแห่งประเทศไทยจึงเห็นควรให้มีการขยายพื้นที่ เขตอุตสาหกรรมทั่วไป นิคมอุตสาหกรรมมาบตาพุดตามประกาศข้างต้นออกไปอีกประมาณหนึ่งพันไร่ เพื่อรองรับโครงการพัฒนาท่าเรืออุตสาหกรรมมาบตาพุดดังกล่าว และการขยายตัวของภาคอุตสาหกรรม ต่อไป

อาศัยอำนาจตามความในมาตรา ๓๖ วรรคสอง แห่งพระราชบัญญัติการนิคมอุตสาหกรรม แห่งประเทศไทย พ.ศ. ๒๕๒๒ ซึ่งแก้ไขเพิ่มเติมโดยพระราชบัญญัติการนิคมอุตสาหกรรมแห่งประเทศไทย (ฉบับที่ ๔) พ.ศ. ๒๕๕๐ และข้อ ๔ วรรคสอง ของกฎกระทรวงกำหนดหลักเกณฑ์ วิธีการ และ เงื่อนไขในการจัดตั้งนิคมอุตสาหกรรม พ.ศ. ๒๕๔๘ ประกอบกับมติคณะกรรมการการนิคมอุตสาหกรรม แห่งประเทศไทย ในการประชุมครั้งที่ ๑๐/๒๕๖๒ เมื่อวันที่ ๓ กันยายน ๒๕๖๒ จึงประกาศ เปลี่ยนแปลงเขต เขตอุตสาหกรรมทั่วไป นิคมอุตสาหกรรมมาบตาพุด โดยให้ยกเลิกแผนที่ท้ายประกาศ ดังกล่าวข้างต้น และให้มีเขตตามแผนที่ท้ายประกาศนี้แทน

ทั้งนี้ ตั้งแต่วันถัดจากวันประกาศในราชกิจจานุเบกษาเป็นต้นไป

ประกาศ ณ วันที่ ๒๗ มกราคม พ.ศ. ๒๕๖๓

กอบชัย สังสิทธิสวัสดิ์

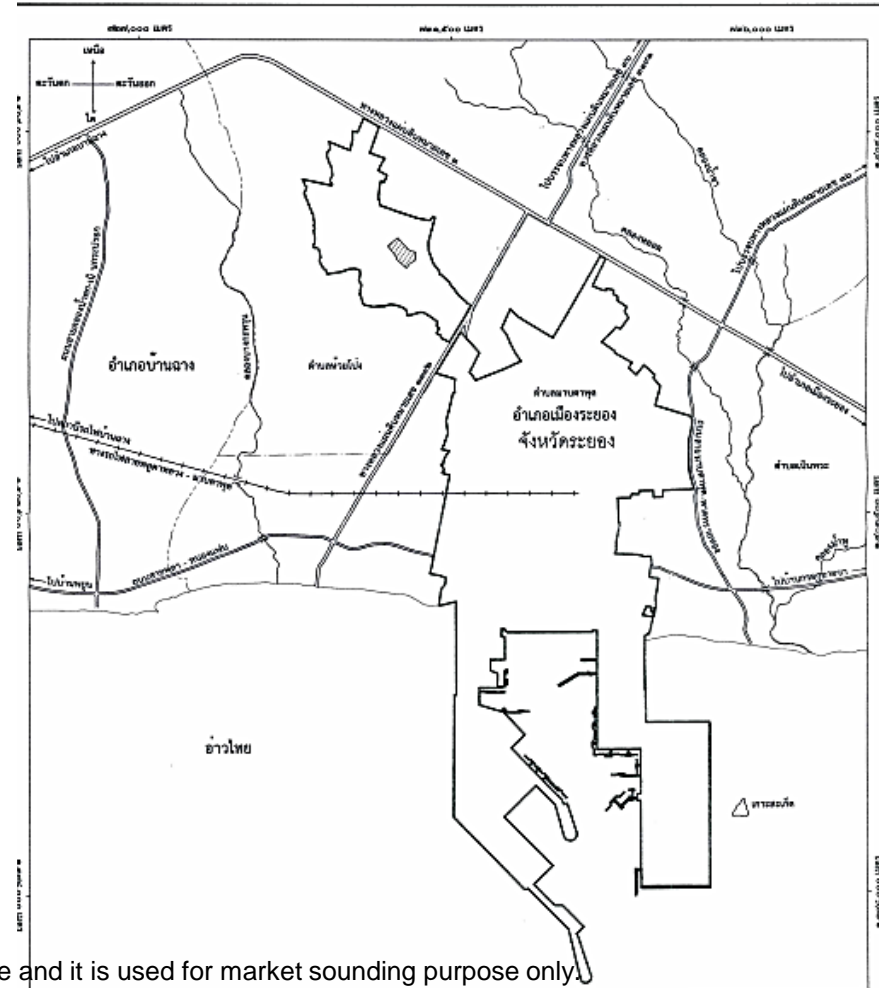
ประธานกรรมการการนิคมอุตสาหกรรมแห่งประเทศไทย

แผนที่ท้ายประกาศคณะกรรมการการนิคมอุตสาหกรรมแห่งประเทศไทย
เรื่อง การเปลี่ยนแปลงเขต เขตอุตสาหกรรมทั่วไป นิคมอุตสาหกรรมมาบตาพุด (ฉบับที่ ๗)

เนื้อที่ประมาณ ๑๓,๓๕๘ ไร่ ๓ งาน ๕๗.๕๖ ตารางวา

มาตราส่วน ๑ : ๕๐,๐๐๐

๑,๐๐๐ ๐ ๑,๐๐๐ ๒,๐๐๐ ๓,๐๐๐ ๔,๐๐๐ เมตร



SMART
EIA 4



ข้อมูลโครงการรายงานการประเมิน
ผลกระทบสิ่งแวดล้อม (EIA) ที่ได้รับความเห็นชอบ
โดยสำนักงานนโยบายและแผนทรัพยากรธรรมชาติและสิ่งแวดล้อม

โครงการหรือกิจการที่อาจก่อให้เกิดผลกระทบต่อชุมชนอย่าง
รุนแรง ทั้งทางด้านคุณภาพสิ่งแวดล้อม ทรัพยากรธรรมชาติ
และสุขภาพ โครงการพัฒนาท่าเรืออุตสาหกรรมมาบตาพุด
ระยะที่ 3

เลขที่อ้างอิง โครงการ	13692
ชื่อโครงการ	โครงการหรือกิจการที่อาจก่อให้เกิดผลกระทบต่อ ชุมชนอย่างรุนแรง ทั้งทางด้านคุณภาพสิ่งแวดล้อม ทรัพยากรธรรมชาติ และสุขภาพ โครงการพัฒนา ท่าเรืออุตสาหกรรมมาบตาพุด ระยะที่ 3
ชื่อโครงการ เดิม (ถ้ามี)	-
ประเภท รายงาน	ตามประกาศ ทส. EHIA
เลขที่ หนังสือเห็น ชอบ ที่	ทส(กกวล) 1009/ว 6660
วันที่ออก หนังสือเห็น ชอบ	15 พ.ค. 2562



EHIA or EIA report is approved
by Office of Natural Resources and
Environmental Policy and Planning
for land reclamation in the sea
(MTP3 Stage I)





The Map Ta Phut I

ทะเลสาบไทย

This is a draft informational document that is preliminary in nature and it is used for market sounding purpose only.



QUESTIONS AND ANSWERS



THANK YOU