

Public-Private Partnership Project
Delivery Plan 2020 – 2027

An Unofficial Translation

As of March 2020

Preface

The Public-Private Partnership Act B.E. 2562 (PPP Act 2019) stipulates that the Public-Private Partnership Project Delivery Plan (the PPP Delivery Plan) shall be prepared in a manner consistent with the Master Plans on the Infrastructure and Social Development under the National Strategy 2018 – 2037 (the Master Plan) as prepared by the Office of the National Economic and Social Development Council. Undertakings under this Act shall also be carried out for the purpose of achieving goals of public-private partnership (PPP) under the Section 6, including the consistency with the PPP Delivery Plan. The PPP Delivery Plan 2020-2027 will play a significant role in setting out a PPP policy framework, which creates clarification for both public and private sectors, including the prioritization of PPP projects. The PPP Delivery Plan also helps draw private parties' attention, and attracts them to jointly invest in PPP projects under the PPP Delivery Plan. This scheme can help reduce government budget/debt constraints, and increase the efficiency on the provision of public services by leveraging know-how, capability, expertise and innovation of private parties.

The PPP Delivery Plan 2020-2027 is a long-term plan. For the project information preparation, the PPP Delivery Plan contains 92 PPP projects, which total projected investment is worth 1.09 trillion Baht. 27 out of 92 projects include complete particulars of project information as required by Section 12 of the PPP Act 2019 worth 684,317 million. 18 out of 27 projects with the complete particulars are ranked as a high priority PPP project. The PPP Delivery Plan will be amended in the event of the revision of the Master Plan or as appropriate to changing circumstances.

Upon the Public-Private Partnership Policy Committee (the Committee)'s approval of the PPP Delivery Plan, it shall be published, for the purpose of the dissemination, via the State Enterprise Policy Office's website, and state agencies shall take action as specified in the PPP Delivery Plan. The responsible ministry shall also report a summary of implementation, progress, and problems with regard to projects under the PPP Delivery Plan to the Committee at least 2 times per year for the Committee's further consideration.

March 2020

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Disclaimer: An English version of the 2020 – 2027 Public-Private Partnership Project Delivery Plan (the PPP Delivery Plan) has been prepared from the PPP Delivery Plan that is in the Thai language. In the event of a conflict or a difference in interpretation between the two languages, a Thai version of the PPP Delivery Plan shall prevail.

The undertakings associated with
roads, highways, express ways or transport by road

An Unofficial Translation

High Priority PPP Project: Kathu – Pa Tong Expressway, Phuket

Project agency: Expressway Authority of Thailand, Ministry of Transport

The objective of the project is to link travels from Amphoe Kathu to Pa Tong beach and facilitates travels by local people and tourists. The project aims to ease traffic congestion and reduce accidents in Phuket transportation network. The project is an elevated route spanning 3.98 kilometers and includes a tunneled segment located in the middle of the route. The starting point connects with Phra Metta Road (Sai Kor Road under the city's comprehensive plan) in Tambon Pa Tong, Amphoe Kathu. The route changes to an elevated way crossing over Phisit Korani Road to Khao Nak Koet for a distance of 0.9 kilometer. The route turns into a tunneled way of 1.85 kilometers through Khao Nak Koet, and resumes as an elevated way going through the mountain area for 1.23 kilometers. The route ends when it merges with the National Highway No.4029 in Tambon Kathu, Amphoe Kathu.

Estimated Investment:

Total investment (Baht million): 14,177

Private sector investment (Baht million): 8,384

Government investment (Baht million): 5,792

Expected PPP Scheme: The State Agency will be responsible for land rights. The Private Party will design, build, operate and maintain the project. The Private Party will have the ownership and risk over the project revenue.

Project Ownership Arrangement: Build – Transfer – Operate (BTO)

Project Timeline:

2017 – PPP feasibility study

2020 – The selection of a private party

2021 – Construction, system installation, provision of machinery and equipment

2025 – Service commencement

Project duration after the service commencement (Years): 30 years

Footnote: The information contained herein is intended to give preliminary project information only. Please contact a project agency to check the accuracy, completeness and timeliness of the information.

High Priority PPP Project: Operation and Maintenance (O&M) of the Bang Pa-in - Nakhon Ratchasima Intercity Motorway

Project agency: Department of Highways, Ministry of Transport

The objective of the project is to support travel and freight transportation between Bangkok (its vicinity included) and northeastern provinces, and relieves the traffic burden on the National Highways No.1 and No.2 for the purposes of convenience, speed and safety. The route is approximately 196 kilometers long. The route alignment starts where it connects with the northern segment of the eastern Outer Ring Road (or Kanchanaphisek Road) at Bang Pa-in District of Phra Nakhon Si Ayutthaya, and ends at the approach to the western Nakhon Ratchasima bypass in Amphoe Mueang Nakhon Ratchasima, Nakhon Ratchasima. The project is featured with full control of close-system toll collection and access, 4-to-6 traffic lanes and 9 toll plazas.

Estimated Investment:

Total investment (Baht million): 7,965

Private sector investment (Baht million): 7,965

Government investment (Baht million): -

Expected PPP Scheme: The State Agency will be responsible for land rights and civil work. The Private Party will design, build motorway system (toll plazas included), operate and maintain the project (rest areas excluded). The State Agency will pay availability payments to the Private Party upon the performance and the service level.

Project Ownership Arrangement: Build – Transfer – Operate (BTO)

Project Timeline:

2017 – PPP feasibility study

2019 – The selection of a private party

2020 – Construction, system installation, provision of machinery and equipment

2023 – Service commencement

Project duration after the service commencement (Years): 30 years

Footnote:

- The project construction cost is excluded.
- The information contained herein is intended to give preliminary project information only. Please contact a project agency to check the accuracy, completeness and timeliness of the information.

High Priority PPP Project: Operation and Maintenance (O&M) of the Bang Yai - Kanchanaburi Intercity Motorway

Project agency: Department of Highways, Ministry of Transport

The objective of the project is to support travel and freight transportation between Bangkok (its vicinity included) and western/southern provinces, and to relieve the traffic burden on the National Highways No.4, No.388 and No.323 for the purposes of convenience, speed and safety. The route is approximately 96 kilometers long. The route alignment starts where it connects with the western segment of the National Highway No.9 (and Rattathibet Road) at Amphoe Bang Yai, Nonthaburi, and ends at the approach to the National Highway No.324 (or Kanchanaburi –Phanom Thuan Road) in Amphoe Tha Muang, Kanchanaburi. The project is featured with full control of close-system toll collection and access, 4-to-6 traffic lanes and 8 toll plazas.

Estimated Investment:

Total investment (Baht million): 6,089

Private sector investment (Baht million): 6,089

Government investment (Baht million): -

Expected PPP Scheme: The State Agency will be responsible for land rights and civil work. The Private Party will design, build motorway system (toll plazas included), operate, and maintain the project (rest areas excluded). The State Agency will pay availability payments to the Private Party upon the performance and the service level.

Project Ownership Arrangement: Build – Transfer – Operate (BTO)

Project Timeline:

2017 – PPP feasibility study

2019 – The selection of a private party

2020 – Construction, system installation, provision of machinery and equipment

2023 – Service commencement

Project duration after the service commencement (Years): 30 years

Footnote:

- The project construction cost is excluded.
- The information contained herein is intended to give preliminary project information only. Please contact a project agency to check the accuracy, completeness and timeliness of the information.

High Priority PPP Project: Development and Management of Rest Areas for the Bang Pa-in - Nakhon Ratchasima Intercity Motorway

Project agency: Department of Highways, Ministry of Transport

The project aims to facilitate road users on the Bang Pa-in - Nakhon Ratchasima Intercity Motorway and promote the road safety. Eight sites of rest areas on the motorway are classified into 3 following types: 5 rest stops, 2 service areas, and one service center.

Estimated Investment:

Total investment (Baht million): 1,606

Private sector investment (Baht million): 1,493

Government investment (Baht million): 113

Expected PPP Scheme: The State Agency will be responsible for land rights and main route construction. The Private Party will design, build, operate and maintain rest areas. The Private Party will have the ownership and risk over the project revenue.

Project Ownership Arrangement: Build – Transfer – Operate (BTO)

Project Timeline:

2019 – PPP feasibility study

2020 – The selection of a private party

2022 – Construction, system installation, provision of machinery and equipment

2023 – Service commencement

Project duration after the service commencement (Years): 30 years

Footnote: The information contained herein is intended to give preliminary project information only. Please contact a project agency to check the accuracy, completeness and timeliness of the information.

High Priority PPP Project: Development and Management of Rest Areas for the Bang Yai - Kanchanaburi Intercity Motorway

Project agency: Department of Highways, Ministry of Transport

The project aims to facilitate road users on the Bang Yai - Kanchanaburi Intercity Motorway and promote the road safety. Three sites of rest areas on the motorway are classified into 2 following types: one rest stop and 2 service areas.

Estimated Investment:

Total investment (Baht million): 1,454

Private sector investment (Baht million): 1,094

Government investment (Baht million): 360

Expected PPP Scheme: The State Agency will be responsible for land rights and main route construction. The Private Party will design, build, operate and maintain rest areas. The Private Party will have the ownership and risk over the project revenue.

Project Ownership Arrangement: Build – Transfer – Operate (BTO)

Project Timeline:

2019 – PPP feasibility study

2020 – The selection of a private party

2022 – Construction, system installation, provision of machinery and equipment

2023 – Service commencement

Project duration after the service commencement (Years): 30 years

Footnote: The information contained herein is intended to give preliminary project information only. Please contact a project agency to check the accuracy, completeness and timeliness of the information.

High Priority PPP Project: Development and Management of Rest Areas for the Intercity Motorway No.7 (Pattaya – Map Ta Phut Segment in Amphoe Bang Lamung)

Project agency: Department of Highways, Ministry of Transport

The project aims to facilitate road users on the Intercity Motorway No.7 (Pattaya – Map Ta Phut Segment in Amphoe Bang Lamung) and promote the road safety. The project comprises one rest area, which is the Bang Lamung service area.

Estimated Investment:

Total investment (Baht million): 818

Private sector investment (Baht million): 326

Government investment (Baht million): 492

Expected PPP Scheme: The State Agency will be responsible for land rights and main route construction. The Private Party will design, build, operate and maintain rest areas. The Private Party will have the ownership and risk over the project revenue.

Project Ownership Arrangement: Build – Transfer – Operate (BTO)

Project Timeline:

2019 – PPP feasibility study

2020 – The selection of a private party

2021 – Construction, system installation, provision of machinery and equipment

2022 – Service commencement

Project duration after the service commencement (Years): 20 years

Footnote: The information contained herein is intended to give preliminary project information only. Please contact a project agency to check the accuracy, completeness and timeliness of the information.

High Priority PPP Project: Cross Border Logistics and Truck Terminal Center, Amphoe Chiang Khong, Chiang Rai

Project agency: Department of Land Transport, Ministry of Transport

The objective of the project is to serve as a cross-docking distribution and truck terminal center. The project's components and facilities are designed to support international road freight transport and connect with the spur line railroad, which is an integral part of Den Chai-Chiang Rai-Chiang Khong double-track railway route for the purpose of intermodal transport between road and rail. Linking directly from the 4th Thailand – Lao Friendship Bridge, the project will be built on 135,304 square meter of land in Tambon Wiang, Amphoe Chiang Khong, Chiang Rai.

Estimated Investment:

Total investment (Baht million): 2,169

Private sector investment (Baht million): 29

Government investment (Baht million): 2,140

Expected PPP Scheme: The State Agency will be responsible for land rights and civil work. The Private Party will design, undertake system installation, operate, and maintain the project. The Private Party will have the ownership and risk over the project revenue.

Project Ownership Arrangement: Build - Operate – Transfer (BOT)

Project Timeline:

2017 – PPP feasibility study

2017 – Construction, system installation, provision of machinery and equipment

2020 – The selection of a private party

2020 – Service commencement

Project duration after the service commencement (Years): 15 years

Footnote: The information contained herein is intended to give preliminary project information only. Please contact a project agency to check the accuracy, completeness and timeliness of the information.

High Priority PPP Project: Cross-Border Logistics Center Nakhon Phanom

Project agency: Department of Land Transport - Ministry of Transport

The project aims to be a cross-docking distribution center for container or break-bulk cargos and a one stop service point in customs clearance for import and export. The project will increase the competitiveness of Thai transport operators by the collaboration with neighboring countries' transporter operators, and will help reduce freight and logistic costs. The project site consists of 46,124 square meter located in Tambon At Samat, Amphoe Mueang Nakhon Phanom and to the south of Nakhon Phanom border checkpoint and Customs office. The project site is also close to the six-lane National Highway No.212 and the 3rd Thai-Lao Friendship Bridge, and connects with the Ban Phai - Nakhon Phanom double-track railway project.

Estimated Investment:

Total investment (Baht million): 1,216

Private sector investment (Baht million): 257

Government investment (Baht million): 959

Expected PPP Scheme: The State Agency will be responsible for land rights and civil work. The Private Party will design, undertake system installation, operate, and maintain the project. The Private Party will have the ownership and risk over the project revenue.

Project Ownership Arrangement: Build-Transfer-Operate (BTO)

Project Timeline:

2019 – PPP feasibility study

2020 – Construction, system installation, provision of machinery and equipment

2020 – The selection of a private party

2022 – Service commencement

Project duration after the service commencement (Years): 30 years

Footnote: The information contained herein is intended to give preliminary project information only. Please contact a project agency to check the accuracy, completeness and timeliness of the information.

Normal PPP Project: Nakhon Pathom – Cha-am Intercity Motorway

Project agency: Department of Highways, Ministry of Transport

The project is intended to be an alternative route for traveling to the southern region of Thailand, and is an integral part of the No.8 Intercity Motorway, which helps reduce traffic volumes on the National Highway No.4 for the purposes of convenience, speed and safety. The route is 109 kilometers long. The route alignment starts where it connects with the Intercity Motorway No.81 at Amphoe Nakhon Chai Si, Nakhon Pathom, and ends at Amphoe Tha Yang, Phetchaburi.

Estimated Investment:

Total investment (Baht million): 79,006

Private sector investment (Baht million): 60,715

Government investment (Baht million): 18,291

Expected PPP Scheme: The State Agency will be responsible for land rights. The Private Party will design, undertake construction system works and rest areas, operate, and maintain the project. The Private Party will have the ownership and risk over the project revenue.

Project Ownership Arrangement: Build – Transfer – Operate (BTO)

Project Timeline:

2019 – PPP feasibility study

2020 – The selection of a private party

2021 – Construction, system installation, provision of machinery and equipment

2024 – Service commencement

Project duration after the service commencement (Years): 30 years

Footnote: The information contained herein is intended to give preliminary project information only. Please contact a project agency to check the accuracy, completeness and timeliness of the information.

Normal PPP Project: Bang Khun Thian – Ban Phaeo Intercity Motorway

Project agency: Department of Highways, Ministry of Transport

The project is intended to be a main route to the southern part of Thailand for the purposes of convenience, speed and safety. The route is a six-lane elevated toll road with a total length of 24 kilometers. The route alignment starts at Bang Khun Thian toll plaza where it connects with the Rama III- Dao Khanong-Western Bangkok Outer Ring Expressway, and ends at the Ban Phaeo intersection (Interchange with the National Highway No.3097) in Samut Sakhon.

Estimated Investment:

Total investment (Baht million): 21,647

Private sector investment (Baht million): 20,415

Government investment (Baht million): 1,232

Expected PPP Scheme: The State Agency will be responsible for land rights and a part of construction work. The Private Party will design, undertake the construction of Ekkachai-to-Ban Phaeo segment, install systems for Bang Khun Thian – Ban Phaeo segment, operate, and maintain the project. The Private Party will have the ownership and risk over the project revenue.

Project Ownership Arrangement: Build – Transfer – Operate (BTO)

Project Timeline:

2019 – PPP feasibility study

2020 – The selection of a private party

2021 – Construction, system installation, provision of machinery and equipment

2024 – Service commencement

Project duration after the service commencement (Years): 30 years

Footnote: The information contained herein is intended to give preliminary project information only. Please contact a project agency to check the accuracy, completeness and timeliness of the information.

Normal PPP Project: Truck Terminal Surat Thani

Project agency: Department of Land Transport - Ministry of Transport

The objective of the project is to develop a truck terminal as the main city's cross-docking distribution center, connect with the domestic road freight transport system, and distribute goods to nearby provinces in the southern region of Thailand. With a land area of 60,600 square meter, the project is situated on the National Highway No.41 Km.173+800 in Tambon Tha Rong Chang, Amphoe Phunphin, Surat Thani. The project site is adjacent to factories and large logistic centers. The other side of the project site is on the National Highway No.4133.

Estimated Investment:

Total investment (Baht million): 1,410

Private sector investment (Baht million): 38

Government investment (Baht million): 1,372

Expected PPP Scheme: The State Agency will be responsible for land rights and construction work. The Private Party will install systems, provide machinery and equipment, operate, and maintain the project. The State Agency will have the ownership over the project revenue,, or assign the Private Party a revenue collector. The State Agency will pay availability payments to the Private Party upon the performance and the service level.

Project Ownership Arrangement: Build - Operate – Transfer (BOT)

Project Timeline:

2017 – PPP feasibility study

2021 – Construction, system installation, provision of machinery and equipment

2021 – The selection of a private party

2024 – Service commencement

Project duration after the service commencement (Years): 30 years

Footnote: The information contained herein is intended to give preliminary project information only. Please contact a project agency to check the accuracy, completeness and timeliness of the information.

Normal PPP Project: Truck Terminal Khon Kaen

Project agency: Department of Land Transport - Ministry of Transport

The objective of the project is to develop infrastructures for the national logistics system and increase the potential of entrepreneurs in freight transportation. The terminal can be served for domestic and international freight transportation and an interchange with railways. The project, adjacent to the container yard, has a total land area of 90,973.3 square meter on the National Highway No.2 Tambon Muang Wan, Amphoe Nam Phong, Khon Kaen.

Estimated Investment:

Total investment (Baht million): 1,180

Private sector investment (Baht million): 38

Government investment (Baht million): 1,142

Expected PPP Scheme: The State Agency will be responsible for land rights and construction work. The Private Party will undertake system installation, provide machinery and equipment, operate, and maintain the project. The State Agency will have the ownership over the project revenue, or assign the Private Party a revenue collector. The State Agency will pay availability payments to the Private Party upon the performance and the service level.

Project Ownership Arrangement: Build - Operate – Transfer (BOT)

Project Timeline:

2019 – PPP feasibility study

2021 – Construction, system installation, provision of machinery and equipment

2021 – The selection of a private party

2024 – Service commencement

Project duration after the service commencement (Years): 30 years

Footnote: The information contained herein is intended to give preliminary project information only. Please contact a project agency to check the accuracy, completeness and timeliness of the information.

Normal PPP Project: Truck Terminal Nong Khai

Project agency: Department of Land Transport - Ministry of Transport

The objective of the project is to support the intermodal linkage between inland and rail freight transports. The project is served for domestic and international transport to Vientiane via the first Thai-Lao Friendship Bridge. The project has a total land area of 55,972 square meter located in Tambon Nong Kom Ko, Amphoe Mueang Nong Khai, Nong Khai. The project site is adjacent to the Na Tha railway station, 4 kilometers far from the Nong Khai downtown, and connects with the National Highway No.2 (Mittraphap Road) where it links with the first Thai-Lao Friendship Bridge.

Estimated Investment:

Total investment (Baht million): 1,115

Private sector investment (Baht million): 29

Government investment (Baht million): 1,086

Expected PPP Scheme: The State Agency will be responsible for land rights and construction work. The Private Party will undertake system installation, provide machinery and equipment, operate and maintain the project. The State Agency will have the ownership over the project revenue, or assign the Private Party a revenue collector. The State Agency will pay availability payments to the Private Party upon the performance and the service level.

Project Ownership Arrangement: Build - Operate – Transfer (BOT)

Project Timeline:

2017 – PPP feasibility study

2021 – Construction, system installation, provision of machinery and equipment

2021 – The selection of a private party

2024 – Service commencement

Project duration after the service commencement (Years): 30 years

Footnote: The information contained herein is intended to give preliminary project information only. Please contact a project agency to check the accuracy, completeness and timeliness of the information.

Normal PPP Project: Truck Terminal Mukdahan

Project agency: Department of Land Transport - Ministry of Transport

The objective of the project is to support the national logistics system and increase the potential of entrepreneurs in freight transportation. The terminal can be served for domestic and international freight transportation, connecting with the R9 route via the 2nd Thai-Lao Friendship Bridge. The project site is located in Tambon Bang Sai Yai, Amphoe Mueang Mukdahan, Mukdahan, close to the intersection on the National Highway No.212 (Chayangkun Road), 500-meter away from the highway, to the south of the national highway Mor Hor 3019 project, and 1.5-kilometer away from Mukdahan border checkpoint. The landscape and component design is served for the intermodal connection between road and rail freight transports according to the State Railway of Thailand's development plan for the Ban Phai - Nakhon Phanom double - track railway project. (Omit)

Estimated Investment:

Total investment (Baht million): 737

Private sector investment (Baht million): 30

Government investment (Baht million): 707

Expected PPP Scheme: The State Agency will be responsible for land rights and construction work. The Private Party will install systems, provide machinery and equipment, operate and maintain the project. The State Agency will have the ownership over the project revenue, or assign the Private Party a revenue collector. The State Agency will pay availability payments to the Private Party upon the performance and the service level.

Project Ownership Arrangement: Build - Operate – Transfer (BOT)

Project Timeline:

2017 – PPP feasibility study

2021 – Construction, system installation, provision of machinery and equipment

2021 – The selection of a private party

2024 – Service commencement

Project duration after the service commencement (Years): 30 years

Footnote: The information contained herein is intended to give preliminary project information only. Please contact a project agency to check the accuracy, completeness and timeliness of the information.

Initiative PPP Project: Western Bangkok Outer Ring Road Intercity Motorway (Bang Khun Thian - Bang Bua Thong segment)

Project agency: Department of Highways, Ministry of Transport

The project is an elevated toll road along the 2nd Western Bangkok Outer Ring Road with a total length of 38 kilometers. The route alignment starts at Bang Khun Thian interchange, the southern section of Kanchanapisek Ring Road of the intercity motorway No.9 project, and ends at the Bang Bua Thong intersection.

Estimated Investment:

Total investment (Baht million): 60,162

Private sector investment (Baht million): 56,002

Government investment (Baht million): 4,160

Expected PPP Scheme: N/A

Project Ownership Arrangement: Build – Transfer – Operate (BTO)

Project Timeline:

2020 – PPP feasibility study

2021 – Construction, system installation, provision of machinery and equipment

2023 – The selection of a private party

2026 – Service commencement

Project duration after the service commencement (Years): 30 years

Footnote: The information contained herein is intended to give preliminary project information only. Please contact a project agency to check the accuracy, completeness and timeliness of the information.

Initiative PPP Project: Hat Yai – Thailand/Malaysia Border Checkpoint Intercity Motorway

Project agency: Department of Highways, Ministry of Transport

The objective of the project is for the potential increases in travel from the border checkpoint to Hat Yai downtown for the purposes of convenience, speed and safety. The project also promotes the stimulation of economy, trade, investment, employment and the linkage with a neighboring country. The motorway is a 4-lane road with a total length of 71 kilometers, which starts from Amphoe Hat Yai, Song Khla, and ends at the Sadao Customs Office.

Estimated Investment:

Total investment (Baht million): 40,787

Private sector investment (Baht million): N/A

Government investment (Baht million): N/A

Expected PPP Scheme: N/A

Project Ownership Arrangement: Build – Transfer – Operate (BTO)

Project Timeline:

2019 – PPP feasibility study

2020 – Construction, system installation, provision of machinery and equipment

2022 – The selection of a private party

2025 – Service commencement

Project duration after the service commencement (Years): 30 years

Footnote: The information contained herein is intended to give preliminary project information only. Please contact a project agency to check the accuracy, completeness and timeliness of the information.

Initiative PPP Project: Srinagarindra – Suvarnabhumi Intercity Motorway

Project agency: Department of Highways, Ministry of Transport

The project is a six-lane elevated intercity motorway along the intercity motorway No.7 with a total length of 19 kilometers. The route alignment starts at Srinagarindra interchange and ends at Lat Krabang.

Estimated Investment:

Total investment (Baht million): 37,000

Private sector investment (Baht million): -

Government investment (Baht million): 37,000

Expected PPP Scheme: N/A

Project Ownership Arrangement: Build – Transfer – Operate (BTO)

Project Timeline:

2020 – PPP feasibility study

2021 – Construction, system installation, provision of machinery and equipment

2022 – The selection of a private party

2025 – Service commencement

Project duration after the service commencement (Years): 30 years

Footnote: The information contained herein is intended to give preliminary project information only. Please contact a project agency to check the accuracy, completeness and timeliness of the information.

Initiative PPP Project: Extension of the Utraphimuk Elevated Tollway, Rangsit – Bang Pa-in Intercity Motorway

Project agency: Department of Highways, Ministry of Transport

The project will increase the road capacity as a main route to the northern and northeastern parts of Thailand, promote inter-regional economy and trade, and aim to become the ASEAN logistics hub in the future. The project is a six-lane elevated intercity motorway along the intercity motorway No.7 with a total length of 18 kilometers. The route alignment starts at the existing Don Mueang Tollway (Rangsit area) and ends at where it connects with the northern segment of the Bang Pa-in – Nakhon Ratchasima intercity motorway. The tollway's traffic capacity is approximately 88 thousand vehicles per day.

Estimated Investment:

Total investment (Baht million): 28,135

Private sector investment (Baht million): N/A

Government investment (Baht million): N/A

Expected PPP Scheme: N/A

Project Ownership Arrangement: Build – Transfer – Operate (BTO)

Project Timeline:

2019 – PPP feasibility study

2020 – Construction, system installation, provision of machinery and equipment

2022 – The selection of a private party

2025 – Service commencement

Project duration after the service commencement (Years): N/A

Footnote: The information contained herein is intended to give preliminary project information only. Please contact a project agency to check the accuracy, completeness and timeliness of the information.

Initiative PPP Project: Development and Management of Rest Areas for Chon Buri - Pattaya Intercity Motorway (Amphoe Sri Racha)

Project agency: Department of Highways, Ministry of Transport

The project aims to facilitate road users and promote the road safety on Chon Buri - Pattaya Intercity Motorway (Amphoe Sri Racha). The project comprises of one rest area.

Estimated Investment:

Total investment (Baht million): 1,607

Private sector investment (Baht million): 820

Government investment (Baht million): 787

Expected PPP Scheme: The State Agency will be responsible for land rights and main route construction. The Private Party will design, build, operate and maintain rest areas. The Private Party will have the ownership and risk over the project revenue.

Project Ownership Arrangement: Build – Transfer – Operate (BTO)

Project Timeline:

2020 – PPP feasibility study

2020 – The selection of a private party

2021 – Construction, system installation, provision of machinery and equipment

2022 – Service commencement

Project duration after the service commencement (Years): 20 years

Footnote: The information contained herein is intended to give preliminary project information only. Please contact a project agency to check the accuracy, completeness and timeliness of the information.

Initiative PPP Project: Recruitment of A Private Party for the Public-Private Partnership in Commercial Property Development - Bangkok Bus Terminal (Ekamai)

Project agency: Transport Company Limited – Ministry of Transport

The objective of the project is to develop a new Bangkok Bus Terminal (Eastern) according to the resolution of Transport Co., Ltd.'s Board of Directors. The project is based on the concept of public-private partnership, which allows the Private Party to seek benefits from the Bangkok Bus Terminal (Ekamai)'s property.

Estimated Investment:

Total investment (Baht million): N/A

Private sector investment (Baht million): N/A

Government investment (Baht million): N/A

Expected PPP Scheme: N/A

Project Ownership Arrangement: N/A

Project Timeline:

2019 – PPP feasibility study

2020 – The selection of a private party

2021 – Construction, system installation, provision of machinery and equipment

2021 – Service commencement

Project duration after the service commencement (Years): 46 years

Footnote: The information contained herein is intended to give preliminary project information only. Please contact a project agency to check the accuracy, completeness and timeliness of the information.

The undertakings associated with
railways, mass transit or transport by rail

An Unofficial Translation

High Priority PPP Project: Mass Rapid Transit (MRT) Orange Line Bang Khun Non - Min Buri (Suwinthawong)

Project agency: Mass Rapid Transit Authority of Thailand (MRTA) - Ministry of Transport

The project is intended to support travels between western and eastern areas of Bangkok. The route starts at Bang Khun Non station in an underground tunnel, runs through Siriraj Hospital and crosses beneath the Chao Phraya River to Thailand Cultural Center station. The route then runs along Rama IX road to MRTA station, crosses beneath Saen Saep Canal to Khlong Ban Ma zone, turns elevated along Ramkhamheang road until Khlong Song at Min Buri station, and ends at Suwinthawong station. The route spans approximately 35.9 kilometers (Underground structure with total length of 27 kilometers for 21 stations and Elevated structure with total length of 8.9 kilometers for 7 stations.)

Estimated Investment:

Total investment (Baht million): 235,320

Private sector investment (Baht million): 128,127

Government investment (Baht million): 107,193

Expected PPP Scheme: The State Agency will be responsible for land rights and the east section's civil work. The Private Party will construct the west section; install systems, provision of machinery and equipment. The Private Party will have the ownership and risk over the project revenue.

Project Ownership Arrangement: Build – Transfer – Operate (BTO)

Project Timeline:

2018 – PPP feasibility study

2020 – The selection of a private party

2020 – Construction, system installation, provision of machinery and equipment

2026 – Service commencement

Project duration after the service commencement (Years): 30 years

Footnote: The information contained herein is intended to give preliminary project information only. Please contact a project agency to check the accuracy, completeness and timeliness of the information.

High Priority PPP Project: Mass Rapid Transit (MRT) Purple Line Tao Pun – Rat Burana (Kanchanaphisek Road)

Project agency: Mass Rapid Transit Authority of Thailand (MRTA) - Ministry of Transport

The objective of the project is to connect with the existing Chalong Ratchadham line (the Purple line) and enhance the Purple line network so as to serve the public's north-south travel. The route begins at the interchange with the MRT Chalong Ratchadham line at Tao Pun Station and crosses beneath Khlong Bang Sue. The route turns into an underground structure from around the Royal Thai Army Ordnance Department to the Mahai Sawan Intersection, then alters to an elevated alignment and goes along Suksawat Road until terminates at Khru Nai Station. The route spans approximately 23.6 kilometers (Underground structure with total length of 12.6 kilometers for 10 stations and Elevated structure with total length of 11 kilometers for 7 stations).

Estimated Investment:

Total investment (Baht million): 124,792

Private sector investment (Baht million): 11,840

Government investment (Baht million): 112,952

Expected PPP Scheme: The State Agency will be responsible for land rights and civil work. The Private Party will undertake construction, system installation, provision of machinery and equipment. The State Agency will pay availability payments to the Private Party upon the performance and the service level.

Project Ownership Arrangement: Build – Transfer – Operate (BTO)

Project Timeline:

2020 – PPP feasibility study

2020 – The selection of a private party

2021 – Construction, system installation, provision of machinery and equipment

2026 – Service commencement

Project duration after the service commencement (Years): 30 years

Footnote: The information contained herein is intended to give preliminary project information only. Please contact a project agency to check the accuracy, completeness and timeliness of the information.

High Priority PPP Project: Mass Rapid Transit (MRT) Blue Line Bang Khae – Phutthamonthon Sai 4

Project agency: Mass Rapid Transit Authority of Thailand (MRTA) - Ministry of Transport

The objective of the project is to serve Bangkok's west-bound travels to city center, which is the extension of MRT Blue Line Hua Lamphong – Bang Khae, and develop public mass transit network to resolve traffic problems in Bangkok and its vicinities. The project starts at the interchange with MRT Blue Line Hua Lamphong – Bang Khae from Lak Song station and goes west along traffic islands on Phet Kasem road through Phutthamonthon Sai 2 road, Settakij Village road, Thawi Watthana road, Phutthamonthon Sai 3 road, Ma Charoen road, and terminates the project at the intersection with Phutthamonthon Sai 4 road. The route spans approximately 8 kilometers with 4 stations.

Estimated Investment:

Total investment (Baht million): 21,197

Private sector investment (Baht million): 6,262

Government investment (Baht million): 14,935

Expected PPP Scheme: The State Agency will be responsible for land rights. The Private Party will undertake system installation, provision of machinery and equipment, including the project's operations and maintenance. The Private Party will have the ownership and risk over the project revenue.

Project Ownership Arrangement: Build – Transfer – Operate (BTO)

Project Timeline:

2020 – PPP feasibility study

2021 – The selection of a private party

2022 – Construction, system installation, provision of machinery and equipment

2026 – Service commencement

Project duration after the service commencement (Years): 30 years

Footnote: The information contained herein is intended to give preliminary project information only. Please contact a project agency to check the accuracy, completeness and timeliness of the information.

High Priority PPP Project: Monorail Amphoe Hat Yai, Song Khla

Project agency: Song Khla Provincial Administration Organization – Ministry of Interior

The objective of the project is to construct monorail in Amphoe Hat Yai, Song Khla and resolve the traffic problems within the project area. The target groups are local people, tourists within Hat Yai downtown. The project is an elevated track on street islands of Kanjanavanich Road until the Ko Hong intersection, then run along Petchkasem Road to the Hat Yai Van Terminal. The route spans 12.5 kilometers for 12 stations (Khlung Wa station to the Van Terminal station). The train garage, maintenance depot, and traffic control are built around Khlung Wa station.

Estimated Investment:

Total investment (Baht million): 17,586

Private sector investment (Baht million): 1,952

Government investment (Baht million): 15,634

Expected PPP Scheme: The State Agency will be responsible for land rights. The Private Party will design, build, finance, operate and maintain the project. The Private Party will have the ownership and risk over the project revenue.

Project Ownership Arrangement: Build - Operate – Transfer (BOT)

Project Timeline:

2018 – PPP feasibility study

2020 – The selection of a private party

2022 – Construction, system installation, provision of machinery and equipment

2025 – Service commencement

Project duration after the service commencement (Years): 30 years

Footnote: The information contained herein is intended to give preliminary project information only. Please contact a project agency to check the accuracy, completeness and timeliness of the information.

**Initiative PPP Project: Enhancement of Private Sector Participation in Freight Transportation by Rail
(Nong Khai – Laem Chabang route)**

Project agency: State Railway of Thailand – Ministry of Transport

The project aims to enhance private sector participation in marketing passenger and freight transportation by rail and reduce the burden of State Railway of Thailand on rail freight transport. The project is the electrified Nong Khai – Laem Chabang railway, which is the main route of freight transport, with a total length of 683 kilometers, and passes through 7 following provinces: Chon Buri, Chachoengsao, Saraburi, Nakhon Ratchasima, Khon Kaen, Udon Thani and Nong Khai.

Estimated Investment:

Total investment (Baht million): N/A

Private sector investment (Baht million): N/A

Government investment (Baht million): N/A

Expected PPP Scheme: N/A

Project Ownership Arrangement: N/A

Project Timeline:

2020 – PPP feasibility study

2022 – The selection of a private party

2022 – Construction, system installation, provision of machinery and equipment

2026 – Service commencement

Project duration after the service commencement (Years): N/A years

Footnote: The information contained herein is intended to give preliminary project information only. Please contact a project agency to check the accuracy, completeness and timeliness of the information.

Initiative PPP Project: Phitsanulok Mass Transit System Red Line (Phitsanulok University – Central Plaza)

Project agency: Mass Rapid Transit Authority of Thailand (MRTA) - Ministry of Transport

The project is located in Phitsanulok Municipality, starting from Phitsanulok University and terminating at Central Plaza Phitsanulok. The route has a total length of 12.6 kilometers.

Estimated Investment:

Total investment (Baht million): N/A

Private sector investment (Baht million): N/A

Footnote: The information contained herein is intended to give preliminary project information only. Please contact a project agency to check the accuracy, completeness and timeliness of the information.

An Unofficial Translation

Initiative PPP Project: Phuket Mass Transit System Phase I (Phuket International Airport – Chalong Five-Way Intersection)

Project agency: Mass Rapid Transit Authority of Thailand (MRTA) - Ministry of Transport

The project starts from Phuket International Airport station and terminates at the Chalong five-way intersection. The route has a total length of 42 kilometers.

Estimated Investment:

Total investment (Baht million): 34,827

Private sector investment (Baht million): N/A

Footnote: The information contained herein is intended to give preliminary project information only. Please contact a project agency to check the accuracy, completeness and timeliness of the information.

An Unofficial Translation

Initiative PPP Project: Nakhon Ratchasima Mass Transit System Green Line (Saveone Market – Ban Naree Sawat Protection and Occupational Development Center)

Project agency: Mass Rapid Transit Authority of Thailand (MRTA) - Ministry of Transport

The project aims to link the travel between western communities and eastern communities. The Project alignment starts at the Saveone Market and terminates at Ban Naree Sawat Protection and Occupational Development Center station. A total length of the route is 11.17 kilometers.

Estimated Investment:

Total investment (Baht million): N/A

Private sector investment (Baht million): N/A

Footnote: The information contained herein is intended to give preliminary project information only. Please contact a project agency to check the accuracy, completeness and timeliness of the information.

An Unofficial Translation

Initiative PPP Project: Chiang Mai Mass Transit System Red Line (Nakornping Hospital – Mae Hia Saman Samakkee Intersection)

Project agency: Mass Rapid Transit Authority of Thailand (MRTA) - Ministry of Transport

The project aims to link the travel between northern communities and southern zone of Muang District, Chiang Mai. The project's structural work is a combination of underground and overground tracks. The Project alignment starts at Nakornping Hospital and ends at Mae Hia Saman Samakkee Intersection with a total length of 12.54 kilometers.

Estimated Investment:

Total investment (Baht million): N/A

Private sector investment (Baht million): N/A

Footnote: The information contained herein is intended to give preliminary project information only. Please contact a project agency to check the accuracy, completeness and timeliness of the information.

An Unofficial Translation

Initiative PPP Project: Light Rail Double Track Transit System (Bang Na – Suvarnabhumi Airport)

Project agency: Bangkok Metropolitan Administration – Ministry of Interior

The project is a light-rail double-track transit system (Bang Na – Suvarnabhumi Airport) with an evaluated structure. The route has a total length of 14.4 kilometers, 14 stations, and a maintenance depot. The route alignment starts from Bang Na Intersection, travels along Bang Na – Trat Road, and ends at Suvarnabhumi Airport.

Estimated Investment:

Total investment (Baht million): 27,892

Private sector investment (Baht million): N/A

Footnote: The information contained herein is intended to give preliminary project information only. Please contact a project agency to check the accuracy, completeness and timeliness of the information.

An Unofficial Translation

Initiative PPP Project: Monorail Grey Line (Watcharaphon – Thong Lo and Phra Khanong – Rama III)

Project agency: Bangkok Metropolitan Administration – Ministry of Interior

The project is an elevated single track monorail. The segment of Watcharaphon – Thong Lo has a total length of 16.25 kilometers and 15 stations), and can transfer to MRT pink, yellow, and orange lines. The segment of Phra Khanong – Rama III has a total length of 12.2 kilometers and 12 stations, and passengers can transfer to MRT blue line.

Estimated Investment:

Total investment (Baht million): 45,925

Private sector investment (Baht million): N/A

Footnote: The information contained herein is intended to give preliminary project information only. Please contact a project agency to check the accuracy, completeness and timeliness of the information.

An Unofficial Translation

Initiative PPP Project: Monorail Grey Line (Lumpini – Tha Pra)

Project agency: Bangkok Metropolitan Administration – Ministry of Interior

The project is an elevated single track monorail in the segment from Lumpini to Tha Pra.

Estimated Investment:

Total investment (Baht million): 45,925

Private sector investment (Baht million): N/A

Footnote: The information contained herein is intended to give preliminary project information only. Please contact a project agency to check the accuracy, completeness and timeliness of the information.

An Unofficial Translation

The undertakings associated with
airports or transport by air

An Unofficial Translation

Initiative PPP Project: Air Catering at Suvarnabhumi Airport (New Vendor)

Project agency: Airports of Thailand Public Company Limited – Ministry of Transport

The objective of the project is to render in-flight catering services of food, equipment, and other supplies (such as trolley, food container, and newspaper) and laundry service. The project site is located at Suvarnabhumi Airport. The target groups are airlines, entrepreneurs, lounges, and restaurants. The project's physical characteristics depend on the project feasibility and analysis report.

Estimated Investment:

Total investment (Baht million): N/A

Private sector investment (Baht million): N/A

Footnote: The information contained herein is intended to give preliminary project information only. Please contact a project agency to check the accuracy, completeness and timeliness of the information.

An Unofficial Translation

Initiative PPP Project: Ground Support Equipment (GSE) Maintenance Complex at Suvarnabhumi Airport (New Vendor)

Project agency: Airports of Thailand Public Company Limited – Ministry of Transport

The objective of the project is to render ground services for aircrafts such as towing service, cleaning of aircraft cabins, services for passengers and cabin crews. Air carriers are the target group of the project. The project's physical characteristics depend on the project feasibility and analysis report.

Estimated Investment:

Total investment (Baht million): N/A

Private sector investment (Baht million): N/A

Footnote: The information contained herein is intended to give preliminary project information only. Please contact a project agency to check the accuracy, completeness and timeliness of the information.

An Unofficial Translation

Initiative PPP Project: Aircraft Fueling Services at Suvarnabhumi Airport (New Vendor)

Project agency: Airports of Thailand Public Company Limited – Ministry of Transport

The objective of the project is to render aircraft fueling services such as fueling by dispensers or refuelers. The project site is located within Suvarnabhumi Airport. Air carriers are the target group of the project. The project's physical characteristics depend on the project feasibility and analysis report.

Estimated Investment:

Total investment (Baht million): N/A

Private sector investment (Baht million): N/A

Footnote: The information contained herein is intended to give preliminary project information only. Please contact a project agency to check the accuracy, completeness and timeliness of the information.

An Unofficial Translation

Initiative PPP Project: Cargo Warehouse at Suvarnabhumi Airport (New Vendor)

Project agency: Airports of Thailand Public Company Limited – Ministry of Transport

The objective of the project is to render warehousing services for the departure, arrival and international transfer of cargos, and other ancillary services such as loading goods into containers or pallets, preparing documentations. The project is located at the duty-free zone within Suvarnabhumi Airport. Freight forwarders, agents, and airlines are the target groups of the project. The project's physical characteristics depend on the project feasibility and analysis report.

Estimated Investment:

Total investment (Baht million): N/A

Private sector investment (Baht million): N/A

Footnote: The information contained herein is intended to give preliminary project information only. Please contact a project agency to check the accuracy, completeness and timeliness of the information.

An Unofficial Translation

The undertakings associated with
ports or transport by water

An Unofficial Translation

High Priority PPP Project: The Management of the Public Liquid Cargo Berth

Project agency: Industrial Estate Authority of Thailand – Ministry of Transport

The project serves as Public General Cargo Berth, situated at Map Ta Phut Industrial Port. The project has a berth area of 20,000 square meter, which comprises multi-purpose docking stations of 330 meters in length, small docking stations of 135 meters in length. The project's target groups are transport operators for general cargos and container cargos.

Estimated Investment:

Total investment (Baht million): 17,366

Private sector investment (Baht million): 17,366

Government investment (Baht million): -

Expected PPP Scheme: The State Agency will be responsible for land rights. The Private Party will design, build, finance, operate and maintain the project. The Private Party will have the ownership and risk over the project revenue.

Project Ownership Arrangement: Build - Operate – Transfer (BOT)

Project Timeline:

2018 – PPP feasibility study

2021 – The selection of a private party

2021 – Construction, system installation, provision of machinery and equipment

2022 – Service commencement

Project duration after the service commencement (Years): 30 years

Footnote: The information contained herein is intended to give preliminary project information only. Please contact a project agency to check the accuracy, completeness and timeliness of the information.

High Priority PPP Project: The Management of the Public General Cargo Berth

Project agency: Industrial Estate Authority of Thailand – Ministry of Transport

The project is intended for the management and operation of Public Liquid Cargo Berth's activities within Map Ta Phut Industrial Port, which occupies approximately 72,800 square meter of land and comprises 4 berths for liquid cargo. Each berth is approximately 120 – 280 meters long and accommodates a 10,000-to-80,000 DWT tanker with the sea water depth of 12.5 meters in front of wharves. Target groups are clients within and outside the Map Ta Phut Industrial Estate.

Estimated Investment:

Total investment (Baht million): 1,378

Private sector investment (Baht million): 631

Government investment (Baht million): 747

Expected PPP Scheme: The State Agency will be responsible for land rights, project design and construction, and also arrange joint financing with the Private Party. The Private Party will operate and maintain the project. The Private Party will have the ownership and risk over the project revenue.

Project Ownership Arrangement: The Private Party is granted a right to manage and operate the project without being given the ownership over the asset.

Project Timeline:

2019 – PPP feasibility study

2021 – The selection of a private party

2022 – Construction, system installation, provision of machinery and equipment

2022 – Service commencement

Project duration after the service commencement (Years): 30 years

Footnote: The information contained herein is intended to give preliminary project information only. Please contact a project agency to check the accuracy, completeness and timeliness of the information.

Initiative PPP Project: 2nd Song Khla Deep-Sea Port

Project agency: Marine Department – Ministry of Transport

The project is a major and international sea port. The construction of container and general cargo terminal in Phase I has a width of 140 meters and a length of 650 meters (berthing on both sides) with the maximum capacity at 4,000 – 7,000 TEUs and a depth of 15 -16.5 meters. The project also includes the construction of structures such as bridge connecting between the berth and the port's backyard, roads, parking lots, container yard, and bulk cargo open yard.

Estimated Investment:

Total investment (Baht million): 16,550

Private sector investment (Baht million): 2,472

Government investment (Baht million): 14,078

Expected PPP Scheme: N/A

Project Ownership Arrangement: N/A

Project Timeline:

2021 – PPP feasibility study

2022 – The selection of a private party

2023 – Construction, system installation, provision of machinery and equipment

2027 – Service commencement

Project duration after the service commencement (Years): N/A years

Footnote: The information contained herein is intended to give preliminary project information only. Please contact a project agency to check the accuracy, completeness and timeliness of the information.

Initiative PPP Project: Development of Cruise Terminal, Amphoe Ko Samui, Surat Thani

Project agency: Marine Department – Ministry of Transport

The project aims to facilitate the cruise tourism industry in the southern region of Thailand (Gulf of Thailand). The cruise terminal can accommodate a 160,000-tonne cruise ship with the draft of 12 meters and the capacity of 3,000 passengers per trip. The terminal comprises large (360 meters long) and medium (280 meters long) cruise berths. The passenger building in the terminal can accommodate up to 4,000 passengers. The project also has a cruise terminal for domestic tourists.

Estimated Investment:

Total investment (Baht million): 4,942

Private sector investment (Baht million): N/A

Government investment (Baht million): 4,942

Expected PPP Scheme: The State Agency will have the ownership over the project revenue, and pay availability payments to the Private Party upon the performance and the service level.

Project Ownership Arrangement: Build - Operate – Transfer (BOT)

Project Timeline:

2020 – PPP feasibility study

2021 – The selection of a private party

2023 – Construction, system installation, provision of machinery and equipment

2026 – Service commencement

Project duration after the service commencement (Years): N/A years

Footnote: The information contained herein is intended to give preliminary project information only. Please contact a project agency to check the accuracy, completeness and timeliness of the information.

Initiative PPP Project: Development of Cruise Home Port in the Upper Gulf of Thailand (in the area of study: Bangkok, Samut Prakan, Chachoengsao and Chon Buri)

Project agency: Marine Department – Ministry of Transport

The project aims to improve the quality of public services, marine transport and traffic systems. The Cruise Home Port in the Upper Gulf of Thailand will enhance the country's competitiveness, promote marine tourism by cruise according to the Transport and Logistics Integrative Plan

Estimated Investment:

Total investment (Baht million): N/A

Private sector investment (Baht million): N/A

Government investment (Baht million): N/A

Footnote: The information contained herein is intended to give preliminary project information only. Please contact a project agency to check the accuracy, completeness and timeliness of the information.

An Unofficial Translation

Initiative PPP Project: Development of Cargo Berth in Support of Singkhon Pass (East-West Ferry Service for Freight Transportation and Tourism)

Project agency: Marine Department – Ministry of Transport

The project aims to improve the quality of public services, marine transport and traffic systems. The Cruise Home Port in the upper Gulf of Thailand will enhance the country's competitiveness, promote marine tourism by cruise according to the Transport and Logistics Integrative Plan

Estimated Investment:

Total investment (Baht million): 250

Private sector investment (Baht million): N/A

Footnote: The information contained herein is intended to give preliminary project information only. Please contact a project agency to check the accuracy, completeness and timeliness of the information.

An Unofficial Translation

Initiative PPP Project: Development of Port of Call in Support of Thailand Rivera Project (in areas of Phetchaburi, Prachuap Khiri Khan, Chumphon and Ranong)

Project agency: Marine Department – Ministry of Transport

The project aims to improve the quality of public services, marine transport and traffic systems, enhance the country's competitiveness, and promote tourism.

Estimated Investment:

Total investment (Baht million): N/A

Private sector investment (Baht million): N/A

Footnote: The information contained herein is intended to give preliminary project information only. Please contact a project agency to check the accuracy, completeness and timeliness of the information.

An Unofficial Translation

Initiative PPP Project: Development of Port for Tourism and Cargo Shipment (Chumphon, Ranong, Nakhon Si Thammarat and Surat Thani)

Project agency: Marine Department – Ministry of Transport

The project aims to improve the quality of public services, marine transport and traffic systems to be in an efficient, safe, and equitable manner.

Estimated Investment:

Total investment (Baht million): N/A

Private sector investment (Baht million): N/A

Footnote: The information contained herein is intended to give preliminary project information only. Please contact a project agency to check the accuracy, completeness and timeliness of the information.

An Unofficial Translation

Initiative PPP Project: Development, Exploration and Design of Cruise Terminal on the Andaman Coast (in areas of Ranong, Phang-nga, Krabi, Phuket, Trang and Satun)

Project agency: Marine Department – Ministry of Transport

The project aims to improve the quality of public services, marine transport and traffic systems, enhance the country's competitiveness, and promote tourism.

Estimated Investment:

Total investment (Baht million): N/A

Private sector investment (Baht million): N/A

Footnote: The information contained herein is intended to give preliminary project information only. Please contact a project agency to check the accuracy, completeness and timeliness of the information.

An Unofficial Translation

Initiative PPP Project: Development of Dry Port

Project agency: Port Authority of Thailand (PAT)- Ministry of Transport

The project aims to link intermodal transport between road and rail toward the port, serve as a distribution center to domestic destinations, and provide cargo storage and facilities. The Customs service point is also located within the project site to facilitate importers and exporters. The port location also facilitates the goods shipment to business establishments in its vicinity. The dry port is PAT's ancillary business that leads to the continuous business growth of the country's major ports - Bangkok Port and Laem Chabang Port. The project site has a total land area of 240,000 square meter, Tambon Muang Wan, Amphoe Nam Phong, Khon Kaen.

Estimated Investment:

Total investment (Baht million): 3,049

Private sector investment (Baht million): N/A

Footnote: The information contained herein is intended to give preliminary project information only. Please contact a project agency to check the accuracy, completeness and timeliness of the information.

An Unofficial Translation

Initiative PPP Project: Undertakings according to the PPP Act 2019 after the expiration of Laem Chabang Port's B1-B5, A2 and A5 Berths Contract

Project agency: Port Authority of Thailand– Ministry of Transport

The project represents undertakings according to the PPP Act 2019 after the expiration of Laem Chabang Port's B1-B5, A2 and A5 Berths Contract. B1-B5, A2 and A5 Berths at Laem Chabang Port are under the lease contract which allows the Private Party to operate berths at the port. The project is served for container ships and renders the transportation service for containers.

Estimated Investment:

Total investment (Baht million): N/A

Private sector investment (Baht million): N/A

Government investment (Baht million): N/A

Expected PPP Scheme: The State Agency will be responsible for land rights. The Private Party will design, build, finance, operate and maintain the project. The Private Party will have the ownership and risk over the project revenue.

Project Ownership Arrangement: Build - Operate – Transfer (BOT)

Project Timeline:

N/A – PPP feasibility study

N/A – Construction, system installation, provision of machinery and equipment

N/A – The selection of a private party

N/A – Service commencement

Project duration after the service commencement (Years): 30 years

Footnote: The information contained herein is intended to give preliminary project information only. Please contact a project agency to check the accuracy, completeness and timeliness of the information.

Initiative PPP Project: Renovation of Song Khla Port

Project agency: Treasury Department – Ministry of Finance

The project is intended to develop the existing Song Khla Port into the major cargo port for goods import and export from the lower southern region of Thailand. The port renovation also enhances the capability of the deep-sea port to serve the demand of freight transport and be able to compete with other international ports, resulting in the reduction of Loss Economic Opportunity.

Estimated Investment:

Total investment (Baht million): 1,938

Private sector investment (Baht million): 1,843

Government investment (Baht million): 95

Expected PPP Scheme: The State Agency will be responsible for land rights. The Private Party will design, build, finance, operate and maintain the project. The Private Party will have the ownership and risk over the project revenue.

Project Ownership Arrangement: Build - Operate – Transfer (BOT)

Project Timeline:

N/A – PPP feasibility study

2019 – Construction, system installation, provision of machinery and equipment

N/A – The selection of a private party

N/A – Service commencement

Project duration after the service commencement (Years): 25 years

Footnote: The information contained herein is intended to give preliminary project information only. Please contact a project agency to check the accuracy, completeness and timeliness of the information.

Initiative PPP Project: Development of Phuket Deep Sea Port into a Home Port Concept

Project agency: Treasury Department – Ministry of Finance

The project aims to develop the deep-sea port into a home port concept and enhance the capability of the Phuket deep-sea port for accommodating cargo shipments and cruise tourists.

Estimated Investment:

Total investment (Baht million): N/A

Private sector investment (Baht million): N/A

Footnote: The information contained herein is intended to give preliminary project information only. Please contact a project agency to check the accuracy, completeness and timeliness of the information.

An Unofficial Translation

The undertakings associated with
water management, irrigation,
waterworks or water treatment

An Unofficial Translation

Initiative PPP Project: Khlong Toei Wastewater Treatment Facility

Project agency: Bangkok Metropolitan Administration – Ministry of Interior

The objective of the project is to resolve the wastewater problems in the Chao Phraya River and in the other canals, namely Saen Saep, Tan, Phra Khanong, Bang Na, Phai Singto, Bang Chak, Toei, and Hua Lamphong Canals. The project will be able to collect and clean 360,000 cubic meters of wastewater/day in its service areas covering 71 square kilometers.

Estimated Investment:

Total investment (Baht million): 12,468

Private sector investment (Baht million): N/A

Footnote: The information contained herein is intended to give preliminary project information only. Please contact a project agency to check the accuracy, completeness and timeliness of the information.

An Unofficial Translation

Initiative PPP Project: Nong Bon Swamp Wastewater Treatment Facility

Project agency: Bangkok Metropolitan Administration – Ministry of Interior

The objective of the project is to resolve the wastewater problems in Prawet Burirom, Palat Priang, Nong Bon, Makhm Thet, Khlet, and Achan Phon canals. The project will be able to collect and clean 135,000 cubic meters of wastewater per day in its service areas that covers 63 square kilometers.

Estimated Investment:

Total investment (Baht million): 7,924

Private sector investment (Baht million): N/A

Footnote: The information contained herein is intended to give preliminary project information only. Please contact a project agency to check the accuracy, completeness and timeliness of the information.

An Unofficial Translation

Initiative PPP Project: Don Mueang Wastewater Treatment Facility

Project agency: Bangkok Metropolitan Administration – Ministry of Interior

The objective of the project is to resolve the wastewater problems of Prem Prachakon Canal in the part of Bangkok, which has the problem of blank and odorous water. The project will be able to collect and clean 100,000 cubic meters of wastewater per day in Don Mueang area and part of Lak Si area that covers 33.4 square kilometers.

Estimated Investment:

Total investment (Baht million): 4,700

Private sector investment (Baht million): N/A

Footnote: The information contained herein is intended to give preliminary project information only. Please contact a project agency to check the accuracy, completeness and timeliness of the information.

An Unofficial Translation

Initiative PPP Project: Bang Khen Wastewater Treatment Facility

Project agency: Bangkok Metropolitan Administration – Ministry of Interior

The objective of the project is to resolve the wastewater problems of Prem Prachakon Canal in the part of Bangkok, which has the problem of blank and odorous water. The project will be able to collect and clean 138,000 cubic meters of wastewater per day in areas between the Ngam Wong Wan Intersection and Bangkok west-end.

Estimated Investment:

Total investment (Baht million): 6,680

Private sector investment (Baht million): N/A

Footnote: The information contained herein is intended to give preliminary project information only. Please contact a project agency to check the accuracy, completeness and timeliness of the information.

An Unofficial Translation

Initiative PPP Project: Development of Rom Klao Community Wastewater Collection and Wastewater Treatment Facility

Project agency: Bangkok Metropolitan Administration – Ministry of Interior

The objective of the project is to resolve the wastewater problems in Prawet Burirom Canal and improve the existing wastewater collection and wastewater treatment systems in the Rom Klao Community Wastewater Treatment Facility. The project will be able to collect and clean 19,000 cubic meters of wastewater per day.

Estimated Investment:

Total investment (Baht million): N/A

Private sector investment (Baht million): N/A

Footnote: The information contained herein is intended to give preliminary project information only. Please contact a project agency to check the accuracy, completeness and timeliness of the information.

An Unofficial Translation

Initiative PPP Project: Sai Mai Wastewater Treatment Facility

Project agency: Bangkok Metropolitan Administration – Ministry of Interior

The objective of the project is to resolve the wastewater problems of Prem Prachakon Canal in the part of Bangkok, which has the problem of blank and odorous water. The project will be able to collect and clean 143,000 cubic meters of wastewater per day in Sai Mai and Bang Khen Districts that covers 59.3 square kilometers.

Estimated Investment:

Total investment (Baht million): 6,720

Private sector investment (Baht million): N/A

Footnote: The information contained herein is intended to give preliminary project information only. Please contact a project agency to check the accuracy, completeness and timeliness of the information.

An Unofficial Translation

Initiative PPP Project: Grant of the leasehold and operating rights over major water transmission systems in the eastern region of Thailand

Project agency: Treasury Department – Ministry of Finance

The project is intended to provide the sufficient supply of water to the demand of communities and activities and distribute water to Map Ta Phut Industrial Estate and other areas.

Estimated Investment:

Total investment (Baht million): 3,182

Private sector investment (Baht million): -

Government investment (Baht million): 3,182

Expected PPP Scheme: The State Agency will be responsible for land rights and system works. The Private Party will lease, operate and maintain the project.

Project Ownership Arrangement: Lease – Develop - Operate (LDO)

Project duration after the service commencement (Years): 30 years

Footnote: The information contained herein is intended to give preliminary project information only. Please contact a project agency to check the accuracy, completeness and timeliness of the information.

An Unofficial Translation

The undertakings associated with
energies

An Unofficial Translation

Normal PPP Project: Extension of Lease Term Over the State Property For Bangchak Corporation Public Company Limited

Project agency: Treasury Department – Ministry of Finance

The objective of the project is to improve the efficiency of oil refinery plants and its production, which could help reduce the energy consumption and the environmental impact.

Estimated Investment:

Total investment (Baht million): 63,052

Private sector investment (Baht million): 44,927

Footnote:

- The project is being considered to be carried out under the Ratchaphatsadu Land Act, B.E. 2562 (2019) and its subordinated laws. The project undertakings will be exempted for the PPP Act 2019 in case that it falls under the Ratchaphatsadu Land Act.
- The information contained herein is intended to give preliminary project information only. Please contact a project agency to check the accuracy, completeness and timeliness of the information.

An Unofficial Translation

Initiative PPP Project: Development of Energy Storage System (ESS) Technology

Project agency: Provincial Electricity Authority – Ministry of Interior

The objective of the project is to develop an Energy Storage System (ESS) by applying batteries in the grid system. The power will be charged to the battery during off peak times and discharged during peak times. The ESS can maintain the quality of the grid system and promote electricity sales under the third-party power access regime.

Estimated Investment:

Total investment (Baht million): N/A

Private sector investment (Baht million): N/A

Footnote:

- SEPO is in process of preparing the Committee's draft notification relating to incidental and necessary undertakings per Section 7 (6) energies of the Public-Private Partnership Act 2019.
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An Unofficial Translation

Initiative PPP Project: EV Charging Station

Project agency: Provincial Electricity Authority (PEA) – Ministry of Interior

The objective of the project is to install Electric Vehicle (EV) charging stations for EV users. The project is considered a large scale investment. The large-scale charging station is commercially feasible, which their operation requires the appropriate level of electricity supply from PEA.

Estimated Investment:

Total investment (Baht million): N/A

Private sector investment (Baht million): N/A

Footnote:

- SEPO is in process of preparing the Committee's draft notification relating to incidental and necessary undertakings per Section 7 (6) energies of the Public-Private Partnership Act 2019.
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An Unofficial Translation

Initiative PPP Project: Power Generation/Supply/Distribution in Remote Islands

Project agency: Provincial Electricity Authority – Ministry of Interior

The objective of the project is to generate, supply and distribute power in remote islands which are popular tourist attractions and experience new property developments. Such circumstances lead to the rapidly increasing power demand; therefore the sufficient power supply is necessary for those areas.

Estimated Investment:

Total investment (Baht million): N/A

Private sector investment (Baht million): N/A

Footnote:

- SEPO is in process of preparing the Committee's draft notification relating to incidental and necessary undertakings per Section 7 (6) energies of the Public-Private Partnership Act 2019.
- The information contained herein is intended to give preliminary project information only. Please contact a project agency to check the accuracy, completeness and timeliness of the information.

An Unofficial Translation

Initiative PPP Project: Smart Grid System

Project agency: Provincial Electricity Authority – Ministry of Interior

The smart grid system is designed to integrate communication and grid systems via smart meters in data transmission and national energy management.

Estimated Investment:

Total investment (Baht million): N/A

Private sector investment (Baht million): N/A

Footnote:

- SEPO is in process of preparing the Committee's draft notification relating to incidental and necessary undertakings per Section 7 (6) energies of the Public-Private Partnership Act 2019.
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An Unofficial Translation

Initiative PPP Project: Installation of Smart Meters

Project agency: Provincial Electricity Authority – Ministry of Interior

The objective of the project is to install smart meters for small power users in Eastern Economic Corridor or EEC, which comprises three eastern provinces of Thailand – Chonburi, Rayong, and Chachoengsao – to enhance the efficiency of power usage in those areas.

Estimated Investment:

Total investment (Baht million): N/A

Private sector investment (Baht million): N/A

Footnote:

- SEPO is in process of preparing the Committee's draft notification relating to incidental and necessary undertakings per Section 7 (6) energies of the Public-Private Partnership Act 2019.
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An Unofficial Translation

The undertakings associated with
telecommunications or communications

An Unofficial Translation

Initiative PPP Project: Development of Three-Dimensional Game on Mobile Devices for the Recognition of U Thong Ancient City Museum

Project agency: Designated Areas for Sustainable Tourism Administration (Public Organization) – Ministry of Tourism and Sports

The objective of the project is to develop historical and archeological knowledge ‘U Thong, the Ancient City Museum’ and create the public recognition of tourist attraction, history, culture, custom, and tradition daily life in U Thong Ancient City, Saphan Buri via the modern technology of 3D game on mobile devices. The target groups are people, networks in the designated area U Thong City, state agencies, educational institutions, tourists, and mass medias.

Estimated Investment:

Total investment (Baht million): 19

Private sector investment (Baht million): 10

Government investment (Baht million): 9

Expected PPP Scheme: The Private Party will design, operate, and maintain the project. The State Agency will have the ownership over the project revenue and pay availability payments to the Private Party upon the performance and the service level.

Project Ownership Arrangement: N/A

Project Timeline:

2020 – PPP feasibility study

2020 – Construction, system installation, provision of machinery and equipment

2020 – The selection of a private party

2020 – Service commencement

Project duration after the service commencement (Years): 5 years

Footnote:

- SEPO is in process of preparing the Committee’s draft notification relating to incidental and necessary undertakings per Section 7 (7) telecommunications or communications of the Public-Private Partnership Act 2019.
- The information contained herein is intended to give preliminary project information only. Please contact a project agency to check the accuracy, completeness and timeliness of the information.

Initiative PPP Project: Property Management after the Expiration of the Agreement on the Operation of Domestic Communication Satellites

Project agency: Ministry of Digital Economy and Society

The objective of the project is to study and prepare guidelines for property management after the Expiration of the Agreement on the Operation of Domestic Communication Satellites for the purpose of national economic and social security.

Estimated Investment:

Total investment (Baht million): N/A

Private sector investment (Baht million): N/A

Government investment (Baht million): N/A

Expected PPP Scheme: The Private Party will operate and maintain the project wholly. The Private Party will have the ownership and risk over the project revenue and pay availability payments to the State Agency.

Project Ownership Arrangement: N/A

Project Timeline:

2019 – PPP feasibility study

2020 – Construction, system installation, provision of machinery and equipment

N/A – The selection of a private party

N/A – Service commencement

Project duration after the service commencement (Years): N/A years

Footnote: The information contained herein is intended to give preliminary project information only. Please contact a project agency to check the accuracy, completeness and timeliness of the information.

The undertakings associated with
hospitals or public health

An Unofficial Translation

High Priority PPP Project: Ministry of Public Health's Medical Center, Department of Medical Services

Project agency: Department of Medical Services - Ministry of Public Health

The project aims to be a medical center that offer the public healthcare in primary, secondary and tertiary levels, and a Specialized Centers of Excellence for people in Bangkok and patients in nearby Provinces. Total land area of the project is 6,000 square meter within Bang Sue Grand Central Station, which is next to Kamphaeng Phet 2 road and opposite Queen Sirikit Park. The project is a 500-bed hospital with a building of 32 floors and one basement floor.

Estimated Investment:

Total investment (Baht million): 8,220

Private sector investment (Baht million): 8,220

Government investment (Baht million): -

Expected PPP Scheme: The State Agency will be responsible for land rights and medical operations. The Private Party will design, build, finance, and maintain the project. The State Agency will have the ownership over the project revenue and pay availability payments to the Private Party upon the performance and the service level.

Project Ownership Arrangement: Build – Transfer - Operate (BTO)

Project Timeline:

2018 – PPP feasibility study

2020 – The selection of a private party

2021 – Construction, system installation, provision of machinery and equipment

2024 – Service commencement

Project duration after the service commencement (Years): 30 years

Footnote: The information contained herein is intended to give preliminary project information only. Please contact a project agency to check the accuracy, completeness and timeliness of the information.

High Priority PPP Project: Specialized Medical Center, Hat Yai Hospital

Project agency: Office of the Permanent Secretary of the Ministry of Public Health

The project aims to be a specialized standard medical center and retain medical experts within the organization. The project includes the construction of a 18-story building and a 200-lot car park. The medical center will comprise special treatment division, clinical support division, medical registration department, patient wards, public service areas, spa and Thai medicine center, Conventional and Recreational Center, and Mechanical and Systems Room. The targets are people within and outside 7 provinces in the lower southern region of Thailand.

Estimated Investment:

Total investment (Baht million): 1,670

Private sector investment (Baht million): 1,670

Government investment (Baht million): -

Expected PPP Scheme: The State Agency will be responsible for land rights and medical operations. The Private Party will design, build, finance, and maintain the project. The State Agency will have the ownership over the project revenue and pay availability payments to the Private Party upon the performance and the service level.

Project Ownership Arrangement: Build - Operate – Transfer (BOT)

Project Timeline:

N/A – PPP feasibility study

N/A – The selection of a private party

N/A – Construction, system installation, provision of machinery and equipment

N/A – Service commencement

Project duration after the service commencement (Years): 30 years

Footnote: The information contained herein is intended to give preliminary project information only. Please contact a project agency to check the accuracy, completeness and timeliness of the information.

Initiative PPP Project: International Center of Excellence in Cancer

Project agency: National Cancer Institute

The project is intended to be a Center of Excellence in Cancer with an operation center for cancer detection, a center for cancer education, center for Cancer information service and coordination, and patient treatment center. The project comprises the land area of 1,880 square meter and the National Cancer Institute building of 9 floors and 6 underground floors, located in Ratchathewi, Bangkok. The target is people within Bangkok and other provinces.

Estimated Investment:

Total investment (Baht million): 5,081

Private sector investment (Baht million): 4,329

Government investment (Baht million): 752

Expected PPP Scheme: The State Agency will be responsible for land rights and medical operations. The Private Party will design, build, finance, and maintain the project. The State Agency will have the ownership over the project revenue and pay availability payments to the Private Party upon the performance and the service level.

Project Ownership Arrangement: Build – Transfer - Operate (BTO)

Project Timeline:

2020 – PPP feasibility study

2020 – The selection of a private party

2022 – Construction, system installation, provision of machinery and equipment

2026 – Service commencement

Project duration after the service commencement (Years): 30 years

Footnote: The information contained herein is intended to give preliminary project information only. Please contact a project agency to check the accuracy, completeness and timeliness of the information.

Initiative PPP Project: Development of Anamai Intelligence Platform for Risk Response and Health Literacy Center

Project agency: Department of Health – Ministry of Public Health

The objective of the project is to build a platform serving the risk response for increasing health literacy and developing digital vigilance systems/tools in the dissemination of health information through social networks across all areas in the country. The target group is people across the country. The platform is cloud-based system comprising the following application systems: Social Listening Platform (fetching and processing data), Anamai Intelligence Platform (storing data), Advertising Platform (responding risks on a real-time basis) Healthcare Literacy Platform (Health information analytics), Anamai Collaboration Platform (communicating with Village Health Volunteer), Social Networking Communication Platform (Linking and developing social network Medias) and Mobile application.

Estimated Investment:

Total investment (Baht million): 672

Private sector investment (Baht million): 513

Government investment (Baht million): 159

Expected PPP Scheme: The State Agency will be responsible for a part of system installation. The Private Party will design, build the network interface, finance, operate and maintain the project.

Project Ownership Arrangement: N/A

Project Timeline:

2020 – PPP feasibility study

2020 – The selection of a private party

2020 – Construction, system installation, provision of machinery and equipment

2021 – Service commencement

Project duration after the service commencement (Years): 5 years

Footnote:

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Initiative PPP Project: Medical Service Building and Car Park, Ratchaburi Hospital

Project agency: Office of the Permanent Secretary of the Ministry of Public Health

The objective of the project is to enhance the capability of medical and ancillary services, and expand the area of Hemodialysis Center for more patients. The project includes the construction of a building for medical services and a ten-story car park building, which comprise the Hemodialysis Center, premium patient wards, car parking lots, and shopping areas. The target groups are people or patients including referral cases from hospitals located in 7 nearby provinces such as Kanchanaburi, Suphan Buri, Nakhon Pathom, Samut Sakhon, Samut Songkhram, Petchaburi and Prachuap Khiri Khan.

Estimated Investment:

Total investment (Baht million): 757

Private sector investment (Baht million): 757

Government investment (Baht million): -

Expected PPP Scheme: The State Agency will be responsible for land rights. The Private Party will design, build, finance, operate and maintain the project. The Private Party will have the ownership and risk over the project revenue.

Project Ownership Arrangement: Build – Operate – Transfer (BOT)

Project Timeline:

N/A – PPP feasibility study

N/A – The selection of a private party

N/A – Construction, system installation, provision of machinery and equipment

N/A – Service commencement

Project duration after the service commencement (Years): 25 years

Footnote: The information contained herein is intended to give preliminary project information only. Please contact a project agency to check the accuracy, completeness and timeliness of the information.

Initiative PPP Project: 17-story Medical Support Building, Rayong Hospital

Project agency: Office of the Permanent Secretary of the Ministry of Public Health

The objective of the project is to construct residences for medical staff and increase parking lots for service recipients. The project includes the construction of the 17-story medical support building, which comprises 100 rooms of the medical staff dormitory and 500 lots of car park, within the area of Rayong Hospital. The target groups are medical service recipients and medical staff.

Estimated Investment:

Total investment (Baht million): 400

Private sector investment (Baht million): 400

Government investment (Baht million): -

Expected PPP Scheme: The State Agency will be responsible for land rights. the Private Party will design, build, finance, operate and maintain the project.

Project Ownership Arrangement: Build – Operate – Transfer (BOT)

Project Timeline:

N/A – PPP feasibility study

N/A – The selection of a private party

N/A – Construction, system installation, provision of machinery and equipment

N/A – Service commencement

Project duration after the service commencement (Years): 10 years

Footnote:

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Initiative PPP Project: Diagnostic Testing Service by Magnetic Resonance Imaging (MRI) Equipment

Project agency: Office of the Permanent Secretary of the Ministry of Public Health

The objective of the project is to enhance the accessibility and quality of medical services, and increase managerial efficiency by reducing the number of procurement times that recurs annually. The project allows the Private Party to render the diagnostic testing service by MRI equipment within a hospital area. The Private Party will undertake renovation, installation, provision, test run and services. The State Agency will provide venue and utility. The project has a total usable area of 127 square meters and their target is people within and outside the project's area.

Estimated Investment:

Total investment (Baht million): 82

Private sector investment (Baht million): 82

Government investment (Baht million): -

Expected PPP Scheme: The State Agency will be responsible for land rights and the operation of Radiographic film storage. The Private Party will renovate, finance and maintain the project.

Project Ownership Arrangement: Build – Operate – Operate (BOO)

Project Timeline:

N/A – PPP feasibility study

N/A – The selection of a private party

N/A – Construction, system installation, provision of machinery and equipment

N/A – Service commencement

Project duration after the service commencement (Years): 7 years

Footnote: The information contained herein is intended to give preliminary project information only. Please contact a project agency to check the accuracy, completeness and timeliness of the information.

Initiative PPP Project: Diagnostic Testing Service by Computerized Tomography Equipment

Project agency: Office of the Permanent Secretary of the Ministry of Public Health

The objective of the project is to enhance the accessibility and quality of medical services, and increase managerial efficiency by reducing the number of procurement times that recur annually. The project allows the Private Party to render the diagnostic testing service by Computerized Tomography equipment within a hospital area. The Private Party will undertake renovation, installation, provision, test run and services. The State Agency will provide venue and utility. The project has a total usable area of 88 square meter. Their target is people within and outside the project's area.

Estimated Investment:

Total investment (Baht million): 43

Private sector investment (Baht million): 43

Government investment (Baht million): -

Expected PPP Scheme: The State Agency will be responsible for land rights and operation of Radiographic film storage. The Private Party will renovate, finance and maintain the project.

Project Ownership Arrangement: Build – Operate – Operate (BOO)

Project Timeline:

N/A – PPP feasibility study

N/A – The selection of a private party

N/A – Construction, system installation, provision of machinery and equipment

N/A – Service commencement

Project duration after the service commencement (Years): 5 years

Footnote: The information contained herein is intended to give preliminary project information only. Please contact a project agency to check the accuracy, completeness and timeliness of the information.

Initiative PPP Project: Hemodialysis Treatment For Chronic Hemodialysis Patients by the Hemodialysis Machine

Project agency: Office of the Permanent Secretary of the Ministry of Public Health

The objective of the project is to enhance the accessibility of chronic Hemodialysis patients to hemodialysis services, and increase managerial efficiency by reducing the number of procurement times that recur annually. The project allows the Private Party to render the Hemodialysis service by the Hemodialysis Machine within a hospital area. The Private Party will undertake renovation, installation, provision, test run, service, and finance. The State Agency will provide venue and utility. The project has a total usable area of 294 square meters and their target is people within and outside the project's area.

Estimated Investment:

Total investment (Baht million): 31

Private sector investment (Baht million): 31

Government investment (Baht million): -

Expected PPP Scheme: The State Agency will be responsible for land rights and medical operations. The Private Party will renovate, finance, render support services, and maintain the project.

Project Ownership Arrangement: Build – Operate – Operate (BOO)

Project Timeline:

N/A – PPP feasibility study

N/A – The selection of a private party

N/A – Construction, system installation, provision of machinery and equipment

N/A – Service commencement

Project duration after the service commencement (Years): 5 years

Footnote: The information contained herein is intended to give preliminary project information only. Please contact a project agency to check the accuracy, completeness and timeliness of the information.

Initiative PPP Project: Condominium for Health Sciences Student and Staff

Project agency: Suranaree University of Technology – Ministry of Higher Education, Science, Research and Innovation

The objective of the project is to develop an infrastructure and a facility for large scale project development and allows the Private Party to provide efficient and standard services.

Estimated Investment:

Total investment (Baht million): 420

Private sector investment (Baht million): 420

Government investment (Baht million): -

Expected PPP Scheme: The State Agency will have the ownership over the project revenue, or assign the Private Party a revenue collector. The State Agency will pay availability payments to the Private Party upon the performance and the service level.

Project Ownership Arrangement: Build – Operate – Transfer (BOT)

Project Timeline:

2020 – PPP feasibility study

N/A – The selection of a private party

N/A – Construction, system installation, provision of machinery and equipment

N/A – Service commencement

Project duration after the service commencement (Years): 25 years

Footnote:

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Initiative PPP Project: Provision of Medical Durable Goods - Suranaree University of Technology Hospital

Project agency: Suranaree University of Technology – Ministry of Higher Education, Science, Research and Innovation

The objective of the project is to render the service for the increase in tertiary care patients and chronic patients according to the aging society, and serve as a medical excellence center.

Estimated Investment:

Total investment (Baht million): 400

Private sector investment (Baht million): 400

Government investment (Baht million): -

Expected PPP Scheme: The State Agency will have the ownership over the project revenue, or assign the Private Party a revenue collector. The State Agency will pay availability payments to the Private Party upon the performance and the service level.

Project Ownership Arrangement: Build – Operate – Transfer (BOT)

Project Timeline:

N/A – PPP feasibility study

N/A – The selection of a private party

N/A – Construction, system installation, provision of machinery and equipment

N/A – Service commencement

Project duration after the service commencement (Years): N/A years

Footnote: The information contained herein is intended to give preliminary project information only. Please contact a project agency to check the accuracy, completeness and timeliness of the information.

Initiative PPP Project: Car Parking Building and Public Transit Terminal - Suranaree University of Technology Hospital

Project agency: Suranaree University of Technology – Ministry of Higher Education, Science, Research and Innovation

The objective of the project is to resolve the traffic and transport problems within and outside the hospital; therefore, the hospital's master plan is set out to be aligned with location, car parking lots, and public transit terminal.

Estimated Investment:

Total investment (Baht million): 220

Private sector investment (Baht million): 220

Government investment (Baht million): -

Expected PPP Scheme: The State Agency will have the ownership over the project revenue, or assign the Private Party a revenue collector. The State Agency will pay availability payments to the Private Party upon the performance and the service level.

Project Ownership Arrangement: Build – Operate – Transfer (BOT)

Project Timeline:

2018 – PPP feasibility study

2019 – The selection of a private party

2020 – Construction, system installation, provision of machinery and equipment

2021 – Service commencement

Project duration after the service commencement (Years): 25 years

Footnote:

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Initiative PPP Project: Patient Family Residence - Suranaree University of Technology Hospital

Project agency: Suranaree University of Technology – Ministry of Higher Education, Science, Research and Innovation

The project is served for ordinary patients' family, which is limited from visiting restrictions such as number of maximum guests in a ward, visiting hours, and long distance between their houses and the hospital.

Estimated Investment:

Total investment (Baht million): 200

Private sector investment (Baht million): 200

Government investment (Baht million): -

Expected PPP Scheme: The State Agency will have the ownership over the project revenue, or assign the Private Party a revenue collector. The State Agency will pay availability payments to the Private Party upon the performance and the service level.

Project Ownership Arrangement: Build – Operate – Transfer (BOT)

Project Timeline:

2020 – PPP feasibility study

N/A – The selection of a private party

N/A – Construction, system installation, provision of machinery and equipment

N/A – Service commencement

Project duration after the service commencement (Years): 25 years

Footnote:

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Initiative PPP Project: Service Enhancement of Sports Authority of Thailand

Project agency: Sports Authority of Thailand

The objective of the project is to renovate areas and buildings within Hua Mark Stadium and Rajamangala National Stadium, develop sports hospital, residences for staff and athletes, upgrade the stadium into a standard and modern one, and serve for athlete development activities. Sports staff and people are accessible to these facilities.

Estimated Investment:

Total investment (Baht million): N/A

Private sector investment (Baht million): N/A

Footnote: The information contained herein is intended to give preliminary project information only. Please contact a project agency to check the accuracy, completeness and timeliness of the information.

An Unofficial Translation

The undertakings associated with
schools or education

An Unofficial Translation

Initiative PPP Project: The Construction of Student Dormitory Suranaree University of Technology

Project agency: Suranaree University of Technology – Ministry of Higher Education, Science, Research and Innovation

The project aims to accommodate 16,739 students for their residences and improve student welfares such as student dormitory, other services that serve the expansion of the university's student admission. The project site is situated within the university's area

Estimated Investment:

Total investment (Baht million): 400

Private sector investment (Baht million): 400

Government investment (Baht million): -

Expected PPP Scheme: The State Agency will have the ownership over the project revenue, or assign the Private Party a revenue collector. The State Agency will pay availability payments to the Private Party upon the performance and the service level.

Project Ownership Arrangement: Build – Operate – Transfer (BOT)

Project Timeline:

2018 – PPP feasibility study

2019 – The selection of a private party

2020 – Construction, system installation, provision of machinery and equipment

2021 – Service commencement

Project duration after the service commencement (Years): 25 years

Footnote:

- SEPO is in process of preparing the Committee's draft notification relating to incidental and necessary undertakings per Section 7 (9) schools or education of the Public-Private Partnership Act 2019.
- The information contained herein is intended to give preliminary project information only. Please contact a project agency to check the accuracy, completeness and timeliness of the information.

Initiative PPP Project: The Construction of Surawiwat School Suranaree University of Technology (Phase II)

Project agency: Suranaree University of Technology – Ministry of Higher Education, Science, Research and Innovation

The project aims to develop learning and teaching method, and learning management of students in secondary education properly in accordance with a learner's potentials and talents. The project also expands educational opportunities and bridges a gap between foundation education and higher education.

Estimated Investment:

Total investment (Baht million): 200

Private sector investment (Baht million): 200

Government investment (Baht million): -

Expected PPP Scheme: The State Agency will have the ownership over the project revenue, or assign the Private Party a revenue collector. The State Agency will pay availability payments to the Private Party upon the performance and the service level.

Project Ownership Arrangement: Build – Operate – Transfer (BOT)

Project Timeline:

N/A – PPP feasibility study

N/A – The selection of a private party

N/A – Construction, system installation, provision of machinery and equipment

N/A – Service commencement

Project duration after the service commencement (Years): 25 years

Footnote: The information contained herein is intended to give preliminary project information only. Please contact a project agency to check the accuracy, completeness and timeliness of the information.

Initiative PPP Project: The Construction of Sports and Health Center Suranaree University of Technology (Phase II)

Project agency: Suranaree University of Technology – Ministry of Higher Education, Science, Research and Innovation

The project aims to renovate and develop into the large and modern Sports and Health Center which accommodates more users, especially students and staff in the university

Estimated Investment:

Total investment (Baht million): 200

Private sector investment (Baht million): 200

Government investment (Baht million): -

Expected PPP Scheme: The State Agency will have the ownership over the project revenue, or assign the Private Party a revenue collector. The State Agency will pay availability payments to the Private Party upon the performance and the service level.

Project Ownership Arrangement: Build – Operate – Transfer (BOT)

Project Timeline:

2020 – PPP feasibility study

N/A – The selection of a private party

N/A – Construction, system installation, provision of machinery and equipment

N/A – Service commencement

Project duration after the service commencement (Years): 25 years

Footnote:

- SEPO is in process of preparing the Committee's draft notification relating to incidental and necessary undertakings per Section 7 (9) schools or education of the Public-Private Partnership Act 2019.
- The information contained herein is intended to give preliminary project information only. Please contact a project agency to check the accuracy, completeness and timeliness of the information.

The undertakings associated with residences or facilities for low-income or middle-income people, the elderly, underprivileged people or people with disabilities

An Unofficial Translation

High Priority PPP Project: Senior Housing Community Nong Hoi - Chiang Mai

Project agency: National Housing Authority – Ministry of Social Development and Human Security

The objective of the project is to develop housing and community service center and focus on the project's service recipients such as the elderly and the middle-income in Chiang Mai.

Estimated Investment:

Total investment (Baht million): 5,550

Private sector investment (Baht million): 3,137

Government investment (Baht million): 2,413

Expected PPP Scheme: The State Agency will be responsible for land rights. The Private Party will design, build, finance, operate and maintain the project.

Project Ownership Arrangement: Build - Operate – Transfer (BOT)

Project Timeline:

2018 – PPP feasibility study

2020 – The selection of a private party

2021 – Construction, system installation, provision of machinery and equipment

2021 – Service commencement

Project duration after the service commencement (Years): 30 years

Footnote: The information contained herein is intended to give preliminary project information only. Please contact a project agency to check the accuracy, completeness and timeliness of the information.

High Priority PPP Project: Senior Housing Complex Bang Lamung

Project agency: Department of Older Persons – Ministry of Social Development and Human Security

The objective of the project is to develop residences with equipment and facilities suitable for the living of the elderly. The project also offers healthcare and other welfares in a comprehensive manner.

Estimated Investment:

Total investment (Baht million): 3,477

Private sector investment (Baht million): 3,477

Government investment (Baht million): -

Expected PPP Scheme: The State Agency will be responsible for land rights. The Private Party will design, build, finance, operate and maintain the project.

Project Ownership Arrangement: Build - Operate – Transfer (BOT)

Project Timeline:

2019 – PPP feasibility study

2020 – The selection of a private party

2021 – Construction, system installation, provision of machinery and equipment

2023 – Service commencement

Project duration after the service commencement (Years): 30 years

Footnote: The information contained herein is intended to give preliminary project information only. Please contact a project agency to check the accuracy, completeness and timeliness of the information.

Normal PPP Project: Din Daeng Community Rehabilitation for New Residents (Phase III and IV)

Project agency: National Housing Authority – Ministry of Social Development and Human Security

The project is intended to serve as city urban living space. Total land area of the project is 37,164 square meter. The land's zoning allows the land use for high-density residential area.

Estimated Investment:

Total investment (Baht million): 39,885

Private sector investment (Baht million): 27,750

Government investment (Baht million): 12,135

Expected PPP Scheme: The State Agency will be responsible for land rights. The Private Party will design, build, finance, operate and maintain the project.

Project Ownership Arrangement: Build - Operate – Transfer (BOT)

Project Timeline:

2020 – PPP feasibility study

2021 – The selection of a private party

2023 – Construction, system installation, provision of machinery and equipment

2025 – Service commencement

Project duration after the service commencement (Years): 30 years

Footnote: The information contained herein is intended to give preliminary project information only. Please contact a project agency to check the accuracy, completeness and timeliness of the information.

Normal PPP Project: Mass Transit Network-Oriented development of Residential and Commercial areas in Bangkok and Suburban Areas (Phase II, Rom Klao Housing Estate)

Project agency: National Housing Authority – Ministry of Social Development and Human Security

The project is intended to optimize the use of land, generate income properly, and promote the quality of local people's life and society in accordance with the appropriate use of land. The project also serves for the expansion of the existing Rom Klao Housing Estate.

Estimated Investment:

Total investment (Baht million): 4,235

Private sector investment (Baht million): 2,807

Government investment (Baht million): 1,428

Expected PPP Scheme: The State Agency will be responsible for land rights. the Private Party will design, build, finance, operate and maintain the project.

Project Ownership Arrangement: Build - Operate – Transfer (BOT)

Project Timeline:

2020 – PPP feasibility study

2020 – The selection of a private party

2021 – Construction, system installation, provision of machinery and equipment

2023 – Service commencement

Project duration after the service commencement (Years): 30 years

Footnote: The information contained herein is intended to give preliminary project information only. Please contact a project agency to check the accuracy, completeness and timeliness of the information.

Initiative PPP Project: Commercial Development of Vacant Lands in Amphoe Lam Luk Ka District, Pathum Thani

Project agency: National Housing Authority – Ministry of Social Development and Human Security

The project is intended to develop residences for various groups of customers including the low to middle income earners. Total land area of the project is 47,440 square meter. Currently, it is in progress of hiring consultants for the project feasibility study.

Estimated Investment:

Total investment (Baht million): N/A

Private sector investment (Baht million): N/A

Footnote: The information contained herein is intended to give preliminary project information only. Please contact a project agency to check the accuracy, completeness and timeliness of the information.

An Unofficial Translation

Initiative PPP Project: Senior Housing Complex in the State Property

Project agency: Treasury Department – Ministry of Finance

The objective of the project is to build residences with equipment and facilities suitable for the elder's living and offer healthcare and other welfares completely

Estimated Investment:

Total investment (Baht million): N/A

Private sector investment (Baht million): N/A

Government investment (Baht million): -

Expected PPP Scheme: The State Agency will be responsible for land rights. The Private Party will design, build, finance, operate and maintain the project.

Project Ownership Arrangement: Build - Operate – Transfer (BOT)

Project duration after the service commencement (Years): 30 years

Footnote: The information contained herein is intended to give preliminary project information only. Please contact a project agency to check the accuracy, completeness and timeliness of the information.\

An Unofficial Translation

Initiative PPP Project: Commercial Development of Vacant Lands in Bang Plee District, Samut Prakarn Province

Project agency: National Housing Authority – Ministry of Social Development and Human Security

The project is intended to develop residences for various groups of customers including the low to middle income earners. Total land area of the project is 54,442 square meter. Currently, it is in progress of hiring consultants for the project feasibility study.

Estimated Investment:

Total investment (Baht million): N/A

Private sector investment (Baht million): N/A

Footnote: The information contained herein is intended to give preliminary project information only. Please contact a project agency to check the accuracy, completeness and timeliness of the information.

An Unofficial Translation

The undertakings associated with
exhibition centers and conference centers

An Unofficial Translation

Initiative PPP Project: Coworking Space for Tourists

Project agency: Designated Areas for Sustainable Tourism Administration (Public Organization) –Ministry of Tourism and Sports

The objective of the project is to develop environment-friendly coworking space, which harnesses solar power for energy savings. The coworking space will offer working space service, beverage stall, commercial area for sales of community products, and Loei Province tourist information center. The target group is tourists for leisure and business purposes, especially the digital Nomad group.

Estimated Investment:

Total investment (Baht million): 19

Private sector investment (Baht million): 19

Government investment (Baht million): -

Expected PPP Scheme: The State Agency will be responsible for land rights. The Private Party will design, build, finance, operate and maintain the project. The Private Party will have the ownership and risk over the project revenue.

Project Ownership Arrangement: Build - Operate – Transfer (BOT)

Project Timeline:

2021 – PPP feasibility study

2021 – The selection of a private party

2021 – Construction, system installation, provision of machinery and equipment

2022 – Service commencement

Project duration after the service commencement (Years): 5 years

Footnote:

- SEPO is in process of preparing the Committee's draft notification relating to incidental and necessary undertakings per Section 7 (11) exhibition centers and conference centers of the Public-Private Partnership Act 2019.
- The information contained herein is intended to give preliminary project information only. Please contact a project agency to check the accuracy, completeness and timeliness of the information.

Initiative PPP Project: Dan Sai Creative Space

Project agency: Designated Areas for Sustainable Tourism Administration (Public Organization) –Ministry of Tourism and Sports

The objective of the project is to develop space for tourists to learn Phi Ta Khon mask making, arts and handicrafts in Amphoe Dan Sai District, Loei, and for artist tourists to build inspiration in creating new art works. The target group is tourists visiting Dan Sai District, Loei Province.

Estimated Investment:

Total investment (Baht million): 3

Private sector investment (Baht million): 3

Government investment (Baht million): -

Expected PPP Scheme: The State Agency will be responsible for land rights. The Private Party will design, build, finance, operate and maintain the project. The Private Party will have the ownership and risk over the project revenue.

Project Ownership Arrangement: Build - Operate – Transfer (BOT)

Project Timeline:

2021 – PPP feasibility study

2021 – The selection of a private party

2021 – Construction, system installation, provision of machinery and equipment

2022 – Service commencement

Project duration after the service commencement (Years): 5 years

Footnote:

- SEPO is in process of preparing the Committee's draft notification relating to incidental and necessary undertakings per Section 7 (11) exhibition centers and conference centers of the Public-Private Partnership Act 2019.
- The information contained herein is intended to give preliminary project information only. Please contact a project agency to check the accuracy, completeness and timeliness of the information.

Initiative PPP Project: Phuket International Convention and Exhibition Center

Project agency: Treasury Department – Ministry of Finance

The project is intended to develop a state property into Phuket International Convention and Exhibition Center, which is considered an infrastructure development to increase the area of the economic city for international business tourism.

Estimated Investment:

Total investment (Baht million): N/A

Private sector investment (Baht million): N/A

Footnote: The information contained herein is intended to give preliminary project information only. Please contact a project agency to check the accuracy, completeness and timeliness of the information.

An Unofficial Translation