



# Thailand Electronic Government Procurement

This is not an ADB material. The views expressed in this document are the views of the author/s and/or their organizations and do not necessarily reflect the views or policies of the Asian Development Bank, or its Board of Governors, or the governments they represent. ADB does not guarantee the accuracy and/or completeness of the material's contents, and accepts no responsibility for any direct or indirect consequence of their use or reliance, whether wholly or partially. Please feel free to contact the authors directly should you have queries.

# Thailand's Public Procurement



PUBLIC PROCUREMENT AND SUPPLIES ADMINISTRATION ACT, B.E.2560 (2017)

Regulation of the Ministry of Finance On Public Procurement and Supplies  
Administration B.E. 2560 (A.D. 2017)



Central  
Government

Local  
Government

Constitutional  
Organisation

State  
Independent  
Organisation

SOEs

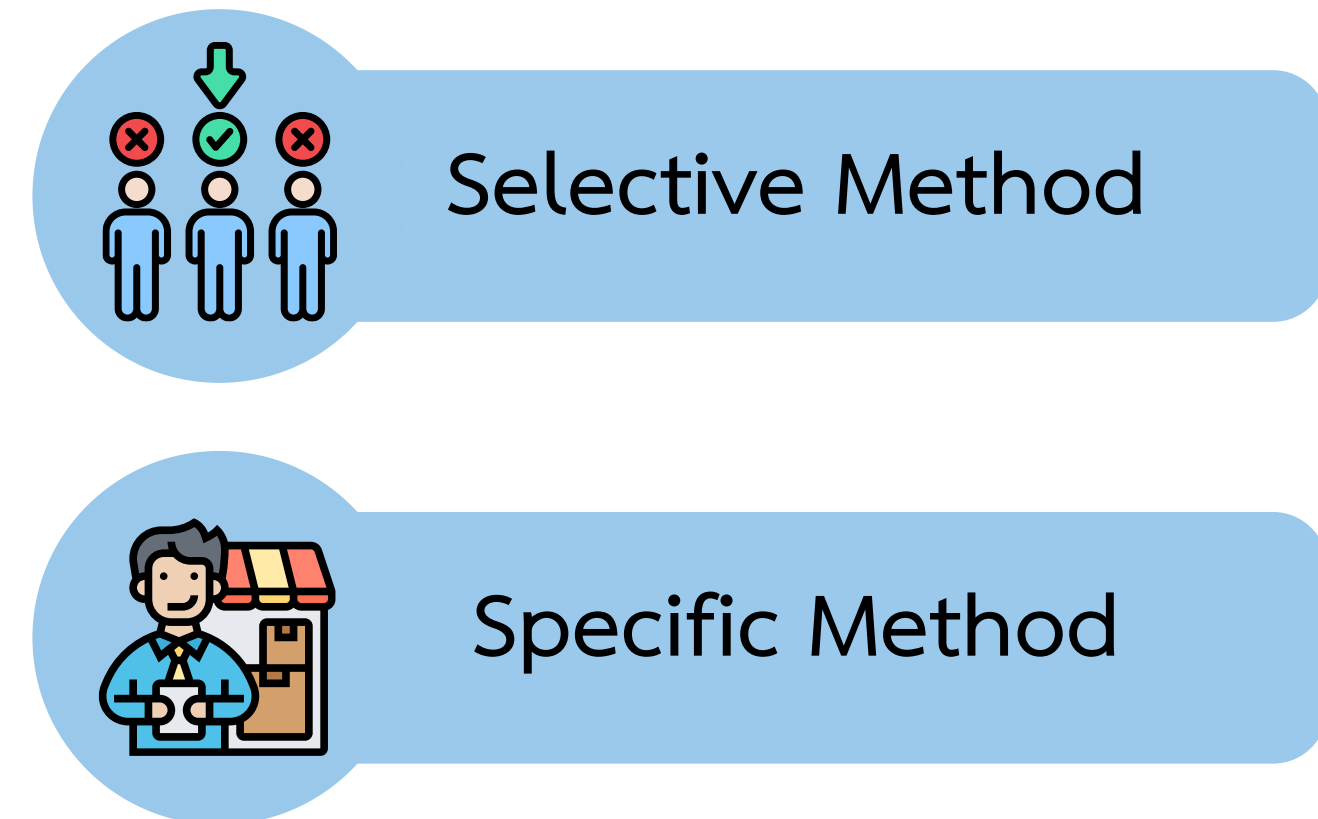
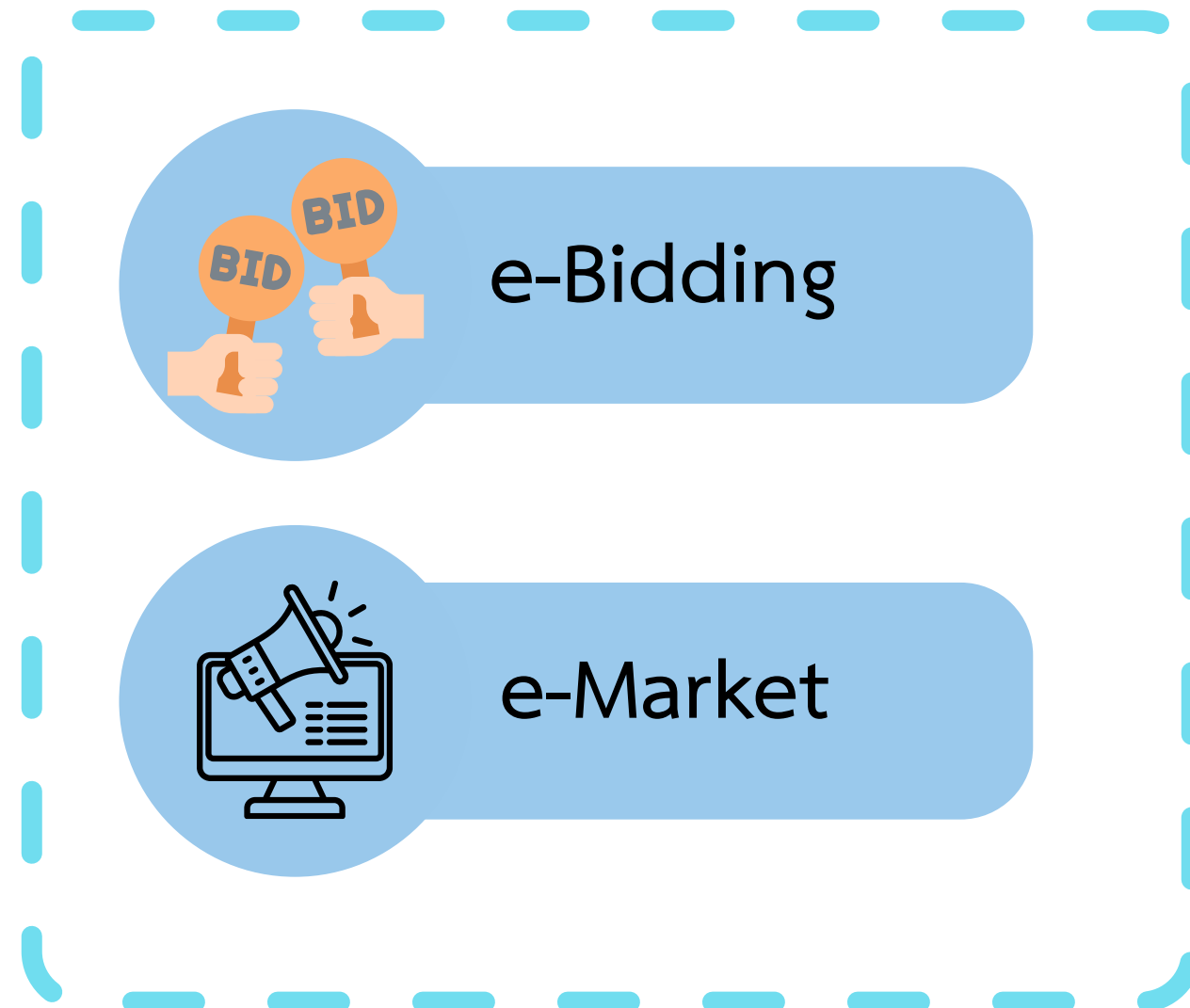
Public  
Organisation

Other

# Types of Procurement Methods

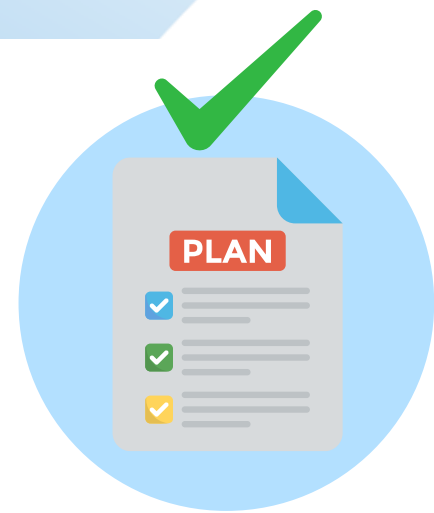


## e-Tendering



“All procurement methods are implemented electronically through the e-GP system.”

# Procurement Process in e-GP



Procurement  
Plan



TOR and  
Focal Price



Bidding  
Documents



Bid  
Announcement



Bid submission



Bid Evaluation



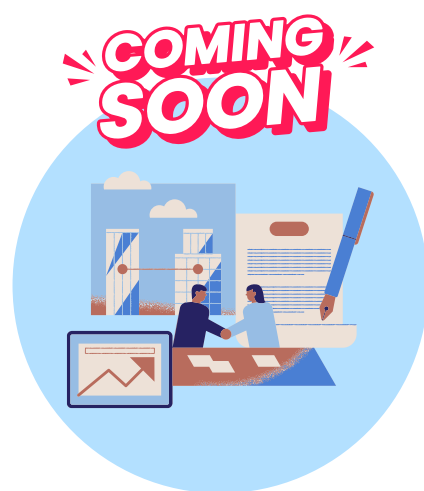
Awarded Winner



Appeal



Contract Signing



Contract Management

In the process of being digitized.

“Every procurement transaction  
must be entered into the e-GP system without  
exception.”



# e-GP System

✓ Completed  
✗ Not yet developed  
⚙️ Currently under development or enhancement

## Overview



- ✓ Vendor Registration
- ✓ Foreign Vendor Registration
- ✓ Government Agency Registration
- ✓ Construction Contractor Registration
- ⚙️ Registration of Other Types of Contractors
- ✓ Monitoring of Construction Contractors

### Data Integration

- ✓ Juristic Person (DBD)
- ✓ Identity Verification (e-KYC)
- ✓ Digital ID
- ✓ Vehicle Registration
- ✓ Vessel Registration
- ✓ Council of Engineers
- ✓ Architects Council

- ✓ Procurement Plan

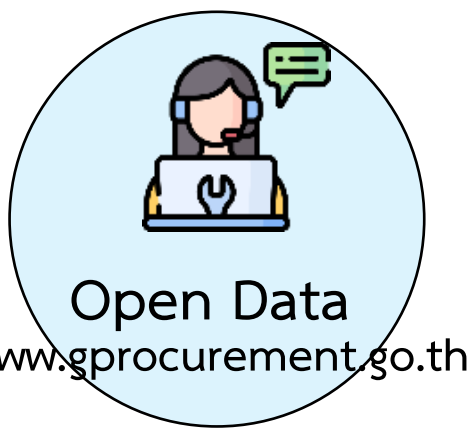
- ⚙️ Electronic Focal Price
- ✓ e-bidding
- ✓ e-market
- ✓ Selective Method
- ✓ Specific Method
- ✓ Consultant
- ✓ Design Services
- ⚙️ e-shopping
- ✓ Online Proposal Submission
- ⚙️ Paperless
- ⚙️ Appeal Online

### Data Integration

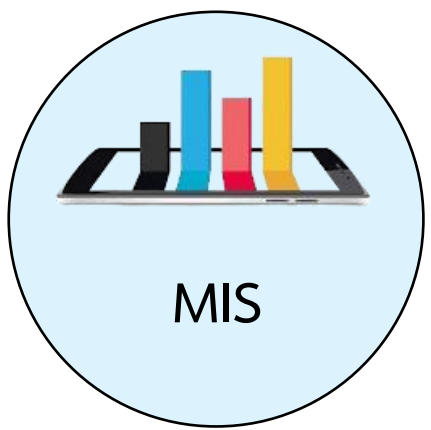
- |                                    |                              |                   |
|------------------------------------|------------------------------|-------------------|
| ✓ Juristic Person (DBD)            | ✗ Scrippless Bond            | ⚙️ Green Products |
| ⚙️ Consultant Information Database | ✓ SME (OSMEP)                | ⚙️ Industrial     |
| ✓ Blockchain                       | ✓ Standards (TISI) MIT (FTI) |                   |
| ⚙️ e-CC                            | ⚙️ Innovation (NSTDA)        |                   |
| ✓ e-LG                             | ⚙️ DEPA                      |                   |
| ✗ E-Cheque                         | ✓ 2FA                        |                   |

- ✓ Contract
- ✓ Contract Management
- ⚙️ e-contract
- ⚙️ e-Invoice
- ⚙️ Digital Signature
- ⚙️ Procurement Card
- ⚙️ Project Construction Management
- ✗ Asset Disposal

- ⚙️ Contractor Performance Evaluation
- ⚙️ Electronic Debarment



- ✓ Web service
- ✓ Rss
- ⚙️ Open Data
- ⚙️ Red Flag
- ⚙️ International Website



- ✓ Dashboard
- ✓ Report
- ✓ Big Data
- ⚙️ Analytic



- ✓ IR Online
- ✓ Live Chat
- ✗ Chatbot
- ✗ RPA



- ✓ Cloud
- ✓ Microservices
- ✓ Master Data
- ✓ Portal Management

# CGD's future project

In 2026



Develop open API for public data disclosure

- New Procurement database to support data disclosure
- Open API for public to allow access and use of procurement data.

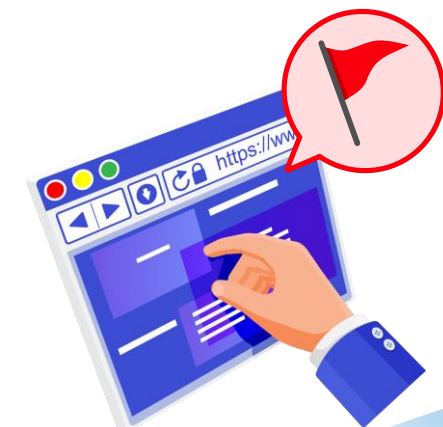
Alignment of data disclosure standards with the Open Contracting Partnership (OCP) framework, to improve international standard.

**OPEN . . . . .  
CONTRACTING  
DATA STANDARD**



**e-Contract** Supports full-cycle electronic procurement by completing contract management data.

Implementation of Red Flags system developed in collaboration with OCP, to assess risks in public procurement.



# ADB Assessment



## Overviews

- e-GP is has been used nationwide for more than 15 years.
- Several components are not fully aligned with ADB standards

## Key Findings

- The registration process for foreign suppliers remains complicated
- The system currently supports only the Thai Baht (THB) currency and does not provide multi-currency functionalities for bid submission.

**“We are currently in the process of improving e-GP  
to better support foreign suppliers.”**



# Thank You