KONEPS Based e-GP Projects

KONEPS (Korea On-line E-Procurement System)
e-GP (electronic Government Procurement)
Overseas business related to e-procurement (‘09~‘16).

- **Tunisia**
  - e-GP Pilot System (‘12)
  - e-GP Knowledge Share Consulting (‘15)
  - e-GP Ex-Post Management (‘16)
  - e-GP Help Desk (‘16)

- **Serbia**
  - e-GP Feasibility Study (‘10)

- **Jordan**
  - e-GP Feasibility Study (‘12)
  - e-GP Master Plan (‘15)

- **Cameroon**
  - e-GP Pilot System (‘14)
  - e-GP Ex-Post Management (‘16)

- **Mongolia**
  - e-GP Pilot System (‘10)

- **Vietnam**
  - e-GP Pilot System (‘09)
  - e-GP Consulting (‘17)

- **Honduras**
  - e-GP System Consulting & KSP (‘13)

- **Costa Rica**
  - e-GP Pilot System (‘09)

**Mar 2014,**

Public Procurement Service of Korea and Soft I Tech have agreed on business cooperation for exporting KONEPS (Korea ON-line E-Procurement System)
The on-line procurement system whereby whole procurement procedures are processed automatically is composed of 4 major solutions – bidding, contracting, purchasing and payment.

- **e-Bidding**
  - Announcement
  - Bidding
  - Bid Opening
  - Evaluation / Awarding

- **e-Contracting**
  - Contract
  - Contract Amendment
  - Contract Performance
  - Contract Termination

- **e-Payment**
  - Delivery Management
  - Payment Request
  - Payment

- **e-Shopping Mall**
  - Unit Price Contract Management
  - e-Ordering
KONEPS based e-GP system supports online procurement business from e-bidding to e-payment.
5 Features of KONEPS based e-GP system

- **Single Window**
  - All the public bid information shall be notified on e-GP System, enabling system users to utilize it as a single window for the public procurement information
  - One time registration enables suppliers to participate in all biddings

- **Online Transaction**
  - All procurement processes are digitalized from supplier registration to final payment
  - One-stop service is provided by using the linkage with many external systems

- **eb-XML Document**
  - Standardization of public procurement procedures through development of many e-documents based on eb-XML (e-business Extensible Markup Language)
  - Enhance security and anti-forgery with the usage of a digital signature and the standard SOAP message

- **Standard API Web Service**
  - Provides linkage client API (application programming interface) through the most efficient method for the linkage of e-GP System to the institute which has different operation environment and platform
  - Enables sharing e-GP System process and information via web-based linkage

- **One-Stop e-Payment**
  - Real-time transfer on payment request with linkage to banks
  - Removes unnecessary documents for reviewing and requesting for payment
An e-Bidding system is an on-line procurement system whereby the whole bid process is conducted electronically from bid notice to final award. The processes of bid notice and bidding are as follows:

1. Public Notice of Bid
   - Private key

2. Bid Preparation
   - Search & Check the bidding documents
   - Bid Bond
   - Joint Venture Agreement

3. Participation in Bid
   - Encryption and digital signature

User Registration
- Authentication Certificate
- Online Application

e-GP System
The processes of decryption of the encrypted bid, eligibility test and final awarding are as follows:

4. Bid Opening
- Decryption of bid

5. Publishing the Bid Opening Result
- Estimated price info
- Bid info

6. Checking the Bid Opening Result
- Private key

7. Eligibility Test, Awarding
- Search & Check the bidding documents
- Bid Bond
- Joint Venture Agreement

8. Checking the Bid Result
- Sharing Awardee Info
  - External Syst. (Surety Co.)
  - Supplier
  - Buyer
Elimination of paper from contracting processes via digitally signed contract document.

1. Preparation of draft contract document
   - Buyer

2. Review draft contract
   - Supplier

3. Transmit the Response to the Draft
   - Surety

   apply for issuance of the Letter of Guarantee

4. Transmission of e-Guarantee
   - Surety

5. Reception of the Response/Guarantee
   - Buyer

6. Drawing & transmit the Final Contract
   - Supplier

7. Check & confirm the Final Contract
   - Other Institutions

e-GP System

Contract Info

Guarantee Info
Payment is made after inspecting and accepting the performance of the delivery or delivery of the contracted electronically.

1. Request for inspection/acceptance
   - Supplier

2. Register the result of Inspection/acceptance
   - Buyer

3. Review the result
   - Supplier

4. Request for payment
   - Supplier

5. Receive the payment Request
   - Buyer

6. Request for Payment

7. Transfer Money to the account
   - Supplier

Bank
The online shopping mall on which public orgs. can purchase Commodity which are acquired by unit price contracting agency through unit price contract with supplier.
## Vietnam

<table>
<thead>
<tr>
<th>Category</th>
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<tbody>
<tr>
<td><strong>Sub-Systems</strong></td>
<td>• Portal, User mgmt., Bidding</td>
</tr>
<tr>
<td><strong>Period</strong></td>
<td>• ’09. 1 ~ ’09. 9</td>
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<tr>
<td><strong>Contract Amount</strong></td>
<td>• US $ 2.3 Millions (S/W, H/W)</td>
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<td><strong>Company</strong></td>
<td>• Samsung SDS Inc, Soft I Tech</td>
</tr>
<tr>
<td><strong>Funding</strong></td>
<td>• KOICA ODA (Contracts with Open Competition)</td>
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http://muasamcong.mpi.gov.vn
## Costa Rica

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<td><strong>Period</strong></td>
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<td><strong>Contract Amount</strong></td>
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<td>• Costa Rica ICE (Mutual agreement)</td>
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# KONEPS based e-GP system Projects

**Mongolia**

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http://www.meps.gov.mn
### Tunisia

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<td><strong>Contract Amount</strong></td>
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<td><strong>Company</strong></td>
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<tr>
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**http://www.tuneps.tn**
### Cameroon

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**Period**

- ’13. 12 ~ ’15. 5

**Contract Amount**

- US $ 1.5 Millions (S/W)

**Company**

- Soft I Tech, Korea IT Consulting

**Funding**

- KOICA ODA (Contracts with Open Competition)

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**KONEPS based e-GP system Projects**

[http://www.marchespublics.cm](http://www.marchespublics.cm)
Evaluation for KOENPS (Korea ON-line E-Procurement System)

• UN's evaluation (June, 2003)
  - Selected for innovations in the public service in Asia Pacific Region
• UN's evaluation (Nov, 2004)
  - Selected KONEPS as the Best Practice Model for e-Procurement
• UN/CEFACT's evaluation (April, 2005)
  - Recognized KONEPS e-Procurement procedures as the International standards
• WITSA's evaluation (May, 2006)
  - Global IT Excellence Award
• e-ASIA Award (August, 2006)
  - Best practice in e-Transaction in public sectors

※ UN/CEFACT : United Nations Center for Trade Facilitation and Electronic Business
WITSA       : World Information Technology and Services Alliance
8. Evaluations (2/3)

Evaluation for Costa Rica e-GP System (mer-link)

Selected as “Latin America e-Government Service Best Model” (November 2012, IDRC)

* IDRC; International Development Research Center
Increasing transparency in a challenging political context
Thank you