Electronic bidding core system

Japan Construction Information Center

2010.8.5
Agenda

- Our role
- The e-bidding core system development consortium
- The e-bidding core system
- Spread of the Core System
- Future plans
Our role

- We support the introduction and installation of CALS/EC to go smoothly at local public agencies.

- We develop the e-bidding core system with establishing the e-bidding core system development consortium.
The e-bidding core system development consortium
Member of the consortium

Chairman: JACIC Chairman
Vice Chairman: SCOPE Chairman

Full Members (IT vendors)

Supporting Members
(IT vendor, consultant company, construction company etc.)

Special Members (Public agencies)

Secretariat (JACIC, SCOPE)

SCOPE: Service Center of Port Engineering
Outline of the consortium

Consortium

IT Vendors

Know-how personnel operating funds

MLIT

JACIC & SCOPE

Specification

e-Bidding System by MLIT

System specifications
Marketing method

Needs

Development

Core System

e-Bidding

Sell

Public agencies

Consignment
E-Bidding Core System
The core system provides the “core” for the highly flexible e-bidding system that can be used by multiple public agencies.

All functions necessary for e-bidding implemented in this system.
Users needs

Purchasers

Maintain existing operation
Suits or needs
Link to other systems
Add original function

Highly flexible system

Bit participants

Standardized PC screen & Operation
Unified authentic methods
Low Price

Common unified system
The basic functions required for e-Bidding are implemented in the “Core Section”.

The “Customizable Section” allows screen design changes and free modifications to linkage function with related systems.
Multi-platform support is provided for compatibility with multiple operating systems (UNIX, Windows, Linux).
Standardization

Electronic Bidding System

Purchaser

Many Interfaces
Many IC cards
Standardization

Electronic Bidding System

Common Interface
Single IC card
Public agencies can freely customize the screen.

United screen and operation

Bid participants

GUI guideline
## Supported Bidding Methods

<table>
<thead>
<tr>
<th>Construction</th>
<th>Service (Consulting service for construction)</th>
<th>Goods &amp; Others service</th>
</tr>
</thead>
<tbody>
<tr>
<td>- Open competitive bidding</td>
<td>- Publicly-invited competitive bidding</td>
<td>- Open competitive bidding</td>
</tr>
<tr>
<td>- Publicly-invited, designated competitive bidding</td>
<td>- Simple public invitation type designated competitive bidding</td>
<td>- Designated competitive bidding</td>
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<td>- Designated competitive bidding</td>
<td>- Designated competitive bidding</td>
<td>- Designated competitive bidding</td>
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<tr>
<td>- Work-specified designated competitive bidding</td>
<td>- Publicly-invited proposal</td>
<td>- Optional contract</td>
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<tr>
<td>- Optional contract</td>
<td>- Simple public invitation type designated proposal</td>
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<td>- Standard proposal</td>
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<tr>
<td></td>
<td>- Optional contract</td>
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</tbody>
</table>

- Optional contract
The core system supports multiple authentication services.

Purchaser

GPKI : Government Public Key Infrastructure

LGPKI : Local Government Public Key Infrastructure

Bit participants

Certification authorities :

9 Certification services by private sector
Installation the core system

- Separate system
  - Self development
  - ASP (Application service provider)

- Sharing system
  - Prefectures and municipalities
    - Self development
  - Between municipalities
    - ASP
Cost plan

The core system
License cost

Separate system

Sharing system

Prefectures and municipalities

- Prefecture License
- Shearing system License

Between municipalities

- Municipality License
- Shearing system License

Purchase

Software Rental
Spread of the Core System
Spread of the Core System

Central Government Organs (9) (July. 2010)
- Ministry of Land, Infrastructure, and Transport
- Ministry of Finance
- Ministry of Justice
- Ministry of Education, Culture, Sports, Science and Technology
- Ministry of Health, Labour and Welfare
- Ministry of Agriculture, Forestry and Fisheries
- Ministry of Defense (Equipment Procurement and construction office)
- Cabinet Office (Okinawa General Bureau)
- Supreme Court of Japan

Public Corporations (16)

Local Public Agencies (568)
- Prefectures (45 / 47)
- Government Designates Cities (18 / 19)
- Others (505)
Future plans
Future plans

- Keeping up with new bidding process and advanced ITC technology.
- Cooperating with e-contract. etc.
END

Thank You for your attention

http://www.cals.jacic.or.jp/english