E-PROCUREMENT INDONESIA SYSTEM

IMPLEMENT E-PROCUREMENT TO ACCELERATING BUSINESS PROCESSES AND DRIVING PURCHASING COMPLIANCE
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"eProcurement is also a procurement automatization process"
-- Henriksen & Mahrike

"eProcurement is a fully capable electronic Web application for purchasing goods and services"
-- Vanderbilt University

"eProcurement is the business–to–business or business–to–consumer or business–to–government purchase and sale of supplies, work, and services through the Internet as well as other information and networking systems, such as electronic data interchange and enterprise resource planning"
-- Wikipedia
IMPLEMENT E-PROCUREMENT TO ACCELERATING BUSINESS PROCESSES AND DRIVING PURCHASING COMPLIANCE

**INPUT**
- Pendaftaran Vendor
- Mencari Pemasok Barang dan Jasa

**PROSES**
- VENDOR MANAGEMENT
  - Proses validasi dan verifikasi vendor
  - Proses Pengadaan atau Pelelangan

- TENDER MANAGEMENT
  - Vendor yang berkualitas dan efisien

- CATALOGUE MANAGEMENT
  - Catalogue and Auto Comparation
  - Pembelian Via Catalog, Marketprice

- ORDER MANAGEMENT
  - Order Manajemen and Manajemen Kontrak or PO
  - Hasil Tender Purchase Order

- CONTRACT MANAGEMENT
  - Hasil Tender Supplier Award
  - Contract Repository and Contract Management Process
  - Contract Final Reviewed Legal, Committee and Vendor

**OUTPUT**
- Vendor Terverifikasi
**BENEFIT OF USING E-PROCUREMENT SYSTEM**

### GETTING SUPPLIERS TO COME TO YOU
- Online registration for potential supplier or vendor
- Online standardized supplier registration and legal submission
- Online activation and verification supplier or vendor registration

### GRAB QUALIFIED POTENTIAL SUPPLIERS
- Qualified supplier (based on commodity, business fields)
- Complete legal documents and financial documents
- Experiences and expert supplier or vendor

### KEEP THE BEST SUPPLIERS ON SIDE
- Transparent and clear schedule tender process
- Automatic notification for supplier expiration documents and all procurement activities
- Better relationship with supplier

### PAPERLESS DOCUMENT MANAGEMENT – GREEN COMPANY
- All process will be paperless
- Efficiency in digital paperwork

### E-PROCUREMENT CAN REDUCE COST FOR ADMINISTRATIVE EFFECTIVENESS
- Gartner Group states that manual procurement is, on average, an 11-step process in administration, and using systemize with eProcurement system can be reduce this cost by as much as 80%.

### PROCUREMENT GO WITH AUTOMATIC FLOW
- Flexible and automatic procurement workflow
- Shortlisted qualified supplier or vendor
- Easy to finding goods, services supplier or vendor
- E-Bidding, E-Evaluation, E-Catalog

### HIGH VALUE OF E-EVALUATION
- Online and transparent evaluation
- Easy for doing comparison
- Flexible matrix evaluation criteria
- Auto rank related evaluation result

### ACCOUNTABILITY, COMPLY AND SECURE PROCESS
- Accountable and detail capture process
- Mature security technology
- Auditable history log in every process

### CALCULATION OF COMPLIANCE BENEFITS CAN BE ESTIMATED:
New Procurement System Audit and Control Access System able to reduce indirect cost such as Data-Correction, Dispute Management, Request for Duplicate Copies, and Wrong Approval Process.

**REDUCE INDIRECT COST**
SAMPLE SCREENSHOT

BENEFIT OF USING E-PROCUREMENT SYSTEM

VENDOR REGISTRATION FORM

DETAIL AUDIT TRAIL

AUTOMATIC REMINDER

INTEGRATION PURCHASE REQUEST WITH PURCHASING SYSTEM

VENDOR DATA AND LEGAL FORM

VENDOR LOGIN FORM
BENEFIT OF USING E-PROCUREMENT SYSTEM

- Ability to invite more than 10 suppliers to online bidding
- Quick bidding process
- Get more competitive price via bidding

- Savings of up to 90% on purchase order costs have been quoted by HP (£100–£10)

USING E-BIDDING TO DRIVE PRICE DOWN

- Less paper bring significant saving for organisations
- Avoid penalty fee because of late payment
- Integrated system procurement, good receive and finance
- Efficient in payment process and payment reminder
- Ability to manage contracts more efficiently
- Automatic integration with Finance System, able to create zero defect, penalty fee never appear because of late payment to suppliers

UTILIZING E-CATALOG FOR SAVINGS AND CONTROL

- Avoid single suppliers or non-competitor supplier
- Internal search engine feature for goods and services
- Helpful to define range price/owner estimation (COGS)

REDUCED CYCLE TIMES

- Changes all process from manual to digital
- Reduced cycle times with digitally paperwork
- Business continuity management (BCM) made easy
- Changes all process from manual to digital
- Reduced cycle times with digitally paperwork
- Mature e-procurement system are saving cost and speed implementation

- Fast implementation of e-procurement system
- Easy integration with another legacy system
- Support any business needed

Savings cost with grab competitive price

- Ability to saving until 20% per tender/project cost, even give saving with average saving from project cost budget

- Zero defect

- Mature e-procurement system are saving cost and speed implementation
SAMPLE SCREENSHOT

**BENEFIT OF USING E-PROCUREMENT SYSTEM**

**INVITE SUPPLIER FOR TENDER**

**ONLINE QUOTATION OR BIDDING**

**PROCUREMENT FLEXIBLE FLOW**

**REALTIME BIDDING**

**ONLINE NEGOCIATION**
SAMPLE SCREENSHOT

CATALOGUE MODULE

- Ability To Po From Catalogue
- Ability To Auto Compare
- Ability To Sort By Lowest Price

CONTRACT MANAGEMENT MODULE
BENEFIT OF USING E-PROCUREMENT SYSTEM

Sample Implementation Mobile Application – E-Procurement Indonesia
ADOPTED MATURE TECHNOLOGY

PROPOSED SOLUTION INTEGRATED SYSTEM E-PROCUREMENT

Aplikasi Web
- Dapat disesuaikan - tergantung permintaan pelanggan

Aman dan Terhindar dari Sistem Robot
- Alur Pelelangan flexible

Bandwith Rendah dan Waktu Respon Cepat
- Integrasi dengan SMS dan Email

Teknologi yang Matang
- Integrasi dengan Sistem pengadaan dan HRMS yang sudah ada

Responsif - Akses dari berbagai perangkat
- Dapat diakses dari manapun dan kapanpun
PROPOSED SOLUTION INTEGRATED SYSTEM E-PROCUREMENT

HIGH LEVEL MODULE

E-PROCUREMENT SYSTEM

- MASTER MANAGEMENT
- USER MANAGEMENT
- VENDOR MANAGEMENT
- PURCHASE MANAGEMENT
- TENDER MANAGEMENT
- CATALOGUE MANAGEMENT
- CONTRACT MANAGEMENT
- ADMINISTRATOR MANAGEMENT
- INTEGRATION SERVICE
- NOTIFICATION SYSTEM EMAIL OR SMS GATEWAY

INTEGRATION

- PURCHASING SYSTEM
- BUDGETING SYSTEM
- HR SYSTEM
- FIXED ASSET & INVENTORY SYSTEM
- FINANCE AND ACCOUNTING SYSTEM

OTHER PLATFORM INTEGRATION

- Integration tools and services: SAP, IBM, Microsoft Dynamics AX, Oracle, LDAP

NOTIFICATION ENGINE

- Other platform integrations
**PENGADAAN NON-LELANG**

1. Undangan
2. Pengumuman Penunjukan langsung
3. Pendaftaran dan pengambilan dokumen untuk penunjukan langsung
4. Pemasukan Dokumen penawaran harga
5. Pembuka Harga
6. Negosiasi
7. Evaluasi Dokumen penawaran harga
8. Penetapan Calon pemenang
9. Penunjukan pelaksana pekerjaan
10. Penandatanganan SPK dan Kontrak

**PENGADAAN LELANG**

1. Undangan
2. Pengumuman Lelang
3. Pendaftaran
4. Pengambilan Dokumen lelang
5. Aanwijzing
6. Pemasukan dokumen Prakualifikasi
7. Pembuktian dokumen Prakualifikasi
8. Penetapan hasil evaluasi dokumen Prakualifikasi
9. Pengumuman Hasil Prakualifikasi
10. Masa Sanggah
11. Pemasukan Dokumen Teknis
12. Pembuktian dokumen Teknis
13. Pembuktian Dokumen Harga
14. Auction
15. Berita Acara Hasil Pembuktian dan Auction
16. dan Auction
17. Penetapan Calon Pemenang
18. Pengumuman calon pemenang
19. Masa Sanggah
20. Penunjukan pelaksana pekerjaan
21. Penandatanganan SPK dan Kontrak

**SAMPLE TENDER FLOW USING E-PROCUREMENT SYSTEM**
Terima Kasih

Produce By ITPI

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