EUROPEAN DYNAMICS is a leading supplier of e-Procurement services and platforms in the European Union (EU). In addition, it is the creator of Electronic Public Procurement System (e-PPS). e-PPS is an open, secure, interoperable and re-configurable e-Procurement modular platform, addressing the full lifecycle of e-Procurement. The e-PPS platform and its modules attend to the needs of Contracting Authorities in a flexible, efficient and customised manner and are optimally and fundamentally integrated in the IT environment. e-PPS complies with both national and EU legislation on public procurement.

**e-PPS overview**

EUROPEAN DYNAMICS is a leading supplier of e-Procurement services and platforms in the European Union (EU). In addition, it is the creator of Electronic Public Procurement System (e-PPS). e-PPS is an open, secure, interoperable and re-configurable e-Procurement modular platform, addressing the full lifecycle of e-Procurement. The e-PPS platform and its modules attend to the needs of Contracting Authorities in a flexible, efficient and customised manner and are optimally and fundamentally integrated in the IT environment. e-PPS complies with both national and EU legislation on public procurement.

**The e-PPS:**

- Complies with the European legislation on Public Procurement (e.g. Directives 2004/17/EC and 2004/18/EC and their amendments).
- Offers a customisable support to specific functionalities addressing any practices at a local, regional or national level.
- Can send directly official OJEU notices to TED through its e-Notification module.
The e-PPS suite offers

The structure of the e-PPS entails core and e-Procurement specific modules allowing for efficient customisation, parameterisation and adaptability according to specific needs of an Authority. In this respect, the behaviour of specific e-PPS implementations can be tailor-made based on particular requirements and needs. This flexibility of the platform renders e-PPS as an optimum solution for facilitating the rapid and effective development and deployment of specific e-Procurement implementations.

**Procurement Portal**: Front End Graphical User Interface layout for all high-level functionalities. It provides for configurable secondary functionalities, such as news, Frequently Asked Questions and an online help service. The service supports the registration of Contracting Authorities (Buyers) and Economic Operators (Suppliers). It also provides for account management and user authentication.

**e-Attestation**: Supplier profiling and database tool. It allows Contracting Authorities to build sophisticated strategic sourcing databases and Suppliers to upload relevant information on category specific selection and exclusion criteria.

**e-Notification**: Automated procedure to publish contract notices in the Official Journal of the EU and other publication boards. Furthermore, it supports easy electronic access to tender documents and clarifications.

**e-Tendering**: Submission of tenders, either via the Web system or via an independent, standalone application. The system provides the capability of automatic validation of electronic tenders, in order for the Suppliers to receive immediate feedback to their bids.

**e-Awarding**: Opening and evaluation of tenders, inline with the related applicable legal regulations. The evaluation of tenders is achieved with the use of the established methods (Most Economically Advantageous Tender - MEAT or Lowest Price criterion), while the evaluation procedure can include e-Auctions.

**e-Auctions**: Dynamic subsystem that supports the receipt of improved tenders, through the use of electronic auction events. An e-Auction may also run as a stand-alone event.

**e-Contract**: Dynamic subsystem that establishes, manages and monitors contracts, collates bid history, monitors performance against agreed service level agreements (SLAs) and key performance indicators (KPIs) and alerts buyers to key activities, such as contract renewal dates.

**e-Catalogues & e-Ordering**: Catalogue-based tenders that facilitate towards e-Ordering and purchasing of products.

**e-Invoicing & e-Payment**: Electronic issuing and processing of invoices and payments.

**Security**

The e-PPS platform ensures the equal treatment of all financial institutions and the transparency of competitions by adopting recognised and acceptable models, related to the protection of sensitive information. e-PPS is in full compliance with ISO 27001 and has received Impact Level 3 accreditation according to the HMG Information Security Standards.

**Time-stamping**

In order to record the exact time that a tender is submitted, and avoid the possibility of any disputes or objections, the e-PPS platform uses the services of an independent time-stamping authority. The exact time of the submission of a tender is stored in the database of the independent authority and is also sent to the Economic Operator.

**Supported Procurement Procedures**

- **e-PPS** supports “One-off Procurements”, such as Open, Restricted, Negotiated, Accelerated and Competitive Dialogue Procedures, as well as “Repetitive Procurements”, such as Framework Agreements / Contracts and Dynamic Purchasing Systems.

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**OJS eSender**

EUROPEAN DYNAMICS is an OJS e-Sender (Class C and D), appointed by the Office for the Official Publications of the European Union (OPOCE). Through the e-PPS’s accredited e-Notification module, Contracting Authorities can publish transparently all official contract notices directly to the Official Journal of the European Union (OJEU).
**e-PPS Broadband and e-Collaboration modules**

e-PPS comes with additional horizontal modules offering to its clients a wide range of services. They include the organisation of five multiparty on-line audio and video conferences, such as empowering remote cooperation of Buyers’ officers, remote tender evaluation sessions, information days with Suppliers and contract management, e-Voting, etc. A powerful e-Collaboration module, including state of the art content and document management features, allows Buyers’ officers to structure all their work, achieving optimum efficiency.

**Indicative platform screenshots**

**e-Notification module**

Contracting Authorities may create notices as part of the tendering process and cross-post them to national portals and TED.

**e-Auctions module**

Contracting Authorities define the structure of the e-Auction, its award criteria and the relevant event time plan.

**e-Tendering module**

Economic Operators (Suppliers) create and submit their responses to ITTs on line.

**e-Awarding module**

Evaluation may be based on criteria such as MEAT (Most Economically Advantageous Tender) and Lowest Price.
Broadband and e-Collaboration modules

Professional management of workspaces, documents, content, etc. also empowering users with online multiparty audio and video-conferencing.

e-Contract module

Contracting Authorities may monitor and manage efficiently contracts before, during and after the contract award via an easy-to-use dashboard.

Indicative references in the field of e-Procurement

2003

SIMAP e-Tendering (Office for Official Publications of the European Communities)
Implementation of a prototype collaborative e-procurement environment for awarding authorities and their economic operators experimenting with the procurement functionality and procedures associated with the different stages of e-Procurement, according to the EU public procurement Directive 2004/18/EC.

2004

IDABC e-Procurement Studies and Demonstrators (European Commission)
Creation of common technical specifications and working demonstrators to be easily reused by operators wishing to develop e-Procurement systems or applications in compliance with the EU public procurement legislation in order to improve interoperability.

e-PPS (EUROPEAN DYNAMICS)
Development of the e-PPS e-Procurement platform. Implementation of prototypes and parameterised tools for simulating the different e-Procurement stages and awarding procedures, as prescribed by the new European legislative framework. Localisation in Arabic, Dutch, English, French, German, Greek, Italian (other localisations are scheduled for 2009 and 2010).

e-Notices (Office for Official Publications of the European Communities)
Implementation of the multilingual e-Notices portal to facilitate the authoring by Public Administrations across the EU of the e-Notices forms to be published on the TED portal of the European Commission.

2005

EMED-TDS B2B Platform (Chambers of Commerce in the Mediterranean region)

2006

e-Procurement platform for the government of Jordan (Ministry of Finance)
Preparation and introduction of a sustainable e-Procurement solution in Jordan. Developing of a system to demonstrate the feasibility of implementing electronic procurement procedures.

e-Notifications Feasibility Study (European Commission)
Concerning the optimisation of the transmission of procurement notices by Contracting Authorities and entities intended for publication in the Official Journal of the EU.

e-Catalogues Feasibility Study (European Commission)
Consultancy services on the use of electronic catalogues in the field of e-Government and e-Procurement in the EU.

2007
e-Catalogues for the government of Belgium (SPF P&O)
Design and delivery of an e-Catalogues platform allowing the procurement of goods and services for the Belgian Federal government.

e-Notifications for the government of Belgium (SPF P&O)
Design and delivery of an e-Notifications platform allowing Contracting Authorities in Belgium to publish contract notifications.

e-Procurement system for the government of Cyprus (Treasury of the Republic)
Introduction, application and deployment of a global platform for the implementation of electronic public procurement in Cyprus.

2008

e-Attestation and e-Catalogues for the government of Cyprus (Treasury of the Republic)
Design and delivery of the e-PPS e-Attestation and e-Catalogues modules for the fulfilment of the e-Procurement life-cycle of public procurement in Cyprus.

SIMAP e-Procurement Demonstrators Help Desk Services (European Commission)
Support to the e-Procurement community for the understanding and optimum use of the official EU static and dynamic e-Procurement demonstrators.

2009

sid4health (NHS Purchasing and Supply Agency)
Supply and Managed Service for the UK’s NHS Supplier Pre-Qualification Information Database.

e-Sourcing Framework (Buying Solutions)
EUROPEAN DYNAMICS has been awarded the e-Sourcing Framework Contract of the UK’s Office of Government Commerce Buying Solutions. The company offers e-PPS as a managed service fulfilling the needs of government and public authorities in electronic tendering, evaluation, contract and vendor management, as well as in e-auctions.

ESPO e-Solutions Framework (Eastern Shires Purchasing Organisation)

LCC e-Tendering (Lancashire County Council)
The Lancashire County Council (LCC) awarded to EUROPEAN DYNAMICS a 4-year contract for the provision of the e-PPS platform for conducting its procurement, auctions and contract management needs.

2010

LDA e-Tendering (London Development Agency)
The London Development Agency (LDA) awarded to EUROPEAN DYNAMICS a 4-year contract for the provision of the e-PPS e-procurement platform covering LDA’s procurement and contract management needs.

Armenian e-Procurement System (ARMEPS)
EUROPEAN DYNAMICS won through an international competition a contract to implement an IT system based on e-PPS to cover the needs of the Republic of Armenia in electronic tendering and evaluation, as well as vendor management.

TfL e-Tendering (Transport for London)
EUROPEAN DYNAMICS offers e-PPS as a managed service fulfilling the needs of Transport for London in electronic tendering, evaluation and awarding as well as contract and vendor management.

YPO e-Tendering (Yorkshire Purchasing Organisation)
The company offers e-PPS as a managed service fulfilling the needs of Yorkshire Purchasing Organisation in electronic tendering, evaluation, contract and vendor management, as well as in e-Auctions.

SCC e-Tendering (Suffolk County Council)
The company offers e-PPS as a managed service fulfilling the needs of Suffolk Country Council in electronic tendering, evaluation, contract and vendor management, as well as in e-Auctions.

2011

Malta e-Procurement (Maltese Government)
The company offers e-PPS as a managed service fulfilling the needs of the Maltese Government in electronic tendering, evaluation, electronic catalogues, contract and vendor management, as well as in e-Auctions.

FSA e-Tendering (Food Standards Agency)
The company offers e-PPS as a managed service fulfilling the needs of Food Standards Agency in electronic tendering, evaluation, contract and project management.

RC e-Tendering (Renfrewshire Council)
The company offers e-PPS (RC e-Sourcing) as a managed service fulfilling the needs of Renfrewshire Council in electronic tendering, evaluation, contract and project management.

Collaborative Content Management (Scottish Government)
The company offers the e-PPS e-Catalogues module for the provision of the Collaborative Content Management platform supporting the procurement of goods and services for the entire public sector of the Scottish Government.
e-Procurement in Belgium (National)

EUROPEAN DYNAMICS is the sole contractor for providing e-Procurement services for the Federal Government of Belgium. The e-PPS platform has been deployed to provide the following functionalities:

- **e-Notification**: Based on the e-Notification module of e-PPS, JEPP portal is the central instrument used by the Federal Government for the electronic publication of calls for tenders. Currently more than 2,300 users and 650 Contracting Authorities are registered for using the online publication services. The application is used by public bodies (e.g., local authorities, schools, universities, all organisations subject to the e-Procurement legislation, etc.).

- **e-Tendering**: The e-Tendering module provides companies with tools and services for carrying out the automated, transparent and safe preparation and submission of requests for participation or tenders. Contracting Authorities can download the tender documents (decryption, opening and generation of an opening report) so as to initiate the evaluation process of the electronic awarding phase.

Case Studies

**Official Journal of the European Union (OJEU) e-Notices**

Based on the e-Notification module of e-PPS, OJEU e-Notices is the official online tool for preparing public procurement notices and publishing them in the Supplement to the Official Journal of the European Union.

OJEU e-Notices provides access to all standard forms used in European public procurement and allows Contracting Authorities from all EU member states to work in a personalised environment, speeding up the process of publishing tender notices. e-Notices also helps to check for possible errors in notices and for the compliance with the EU directives regulating public procurement procedures.

Among other services, e-Notices offer the following:

- Provide the list of all 14 available forms in all 23 official EU languages.
- Support "Copy and Paste" functionality from existing forms, in order to allow users to create new forms by editing existing ones.
- Guide users through the correct forms to be filled, by asking preliminary questions.
- Facilitate a staged approach during form filling (temporarily updating and saving form contents), in order to allow users to fill-in forms during several sessions.
- Support validation of form data.
- Highlight errors encountered during validation and display of their corresponding fields, as well as subsequent error(s) so that the user can easily navigate among errors and correct them faster.
- Support basic reporting facilities.
- Submission of the forms to OJS for publication on TED.

On average 12,000 notices per month are published to TED through the e-Notices portal.

**MAS e-Tendering (The Money Advice Services)**

The company offers e-PPS as a managed service fulfilling the needs of Money Advice Services in electronic tendering and evaluation. User training and helpdesk services are also provided.

**Pro5 Dynamic Purchasing Systems (DPS) framework**

EUROPEAN DYNAMICS has been awarded a DPS framework by PRO5. The framework contract’s scope is the supply of a Dynamic Purchasing System to Contracting Authorities.
e-Awarding: This module includes functionality to enable the electronic evaluation of the received offers based on the awarding criteria and the evaluation formula, as defined by the Procurement officer. Furthermore, the module provides an environment to allow the implementation of electronic auctions, for all the dossiers where the awarding procedure of the market opportunity authorise it. Finally, the e-Awarding module is integrated with the e-Notification module allowing the generation and publication of contract award notices.

e-Catalogue: The module offers to public officers a collaborative e-Procurement environment for consulting catalogues and placing purchase orders. Suppliers may upload their catalogues and manage their dossiers. The e-Catalogue platform offers online services to allow the management and ordering activities in the context of the contracts' framework. Hence, the electronic catalogues are uploaded by the Suppliers for each particular contract, while the catalogue approval and management of orders is under the responsibility of the authorised Contracting Authorities' users.

**NHS sid4health**

EUROPEAN DYNAMICS designed, developed, deployed and operates a fully managed Supplier Pre-Qualification Information Database for the NHS. NHS sid4health is based on the e-Attestation module of e-PPS. It is a Web-based centralised platform developed to significantly reduce processing costs and facilitate the procurement processes, by allowing the management and transfer of supplier profiles and data to NHS e-Procurement systems.

The new NHS sid4health system replaced the previous NHS-sid platform and was launched in production on May 2009. NHS sid4health is the sole official NHS supplier information database holding supplier pre-qualification information and is shared by all purchasing organisations in the NHS. NHS sid4health is used by over 80,000 registered Supplies and 600 NHS Purchasing Officers.

EUROPEAN DYNAMICS operates the platform as a SaaS managed service, providing hosting and help desk support to all users of the platform.

**Buyers may:**
- Search for suppliers.
- Create lists of suppliers.
- Collect pre-qualification data.
- Export data for procurement phase.
- Manage contracting authorities and users.

**Suppliers may:**
- Search for open business opportunities.
- Automate import of supplier data.
- Manage multiple supplier profiles.
- Submit pre-qualification data.
- Manage organisation users.

**e-Procurement in Cyprus**

The Public Procurement Directorate (PPD) of the Treasury of the Republic of Cyprus assigned to EUROPEAN DYNAMICS the adaptation of the e-PPS platform to be used by over 700 Contracting Authorities as the central portal for the electronic procurement of goods, services and projects.

The system is in full compliance with the provisions of the European and national regulations and it uses the e-PPS’s state-of-the-art technologies. EUROPEAN DYNAMICS, except from customising and deploying e-PPS to the PPD, also provides a number of services such as conducting implementation studies, training the users, managing a pilot system, providing helpdesk and operational support and assisting the Contracting Authorities to adopt to the system on an organisational, social, legal and operational level.
The Malta Information Technology Agency has selected EUROPEAN DYNAMICS (ED) for the provision of a fully hosted e-Procurement platform which supports the Maltese Government’s procurement activities. The service offered by ED supports a variety of functionalities associated to the procurement and contract/management activities. The system is compliant with the provisions of the European and National Law on Public Procurement.

The solution addresses the Pre-Award and Post-Award Phases of eProcurement (eNotification, eSubmission, eAwarding, Tender specification and preparation, Contract Drafting, Contract Governance and monitoring, eCatalogues and Vendor Rating).

The eProcurement Solution is also capable of addressing all types of procurement procedures, both above and below the EU thresholds, described in the Regulations, namely:

- Open tendering procedure.
- Restricted tendering procedure.
- Competitive Dialogue.
- Negotiated and Simplified tendering procedure.
- Design Contest.
- Dynamic Purchasing Systems.
- Framework Agreements.
- Electronic Auctions.
- Request For Quotations
- Request For Information
- Call for Expression of Interest

Impact of the project:

- Interoperability: tools and services are based on the use of Open Standards, while the system interfaces with the Official Journal of the EU and Cyprus’ Official Gazette.
- State-of-the-Art technical infrastructure: focus on equal treatment, non-discrimination, transparency and security, through a technical architecture that contains specialised security equipment and no single-point-of-failure.
- Increase productivity: reduced usage of paper, postage and printing, while drafting notices, tenders, participation requests, orders, invoices, etc.
- Transparency through wider market participation and easier access: public administrations are able to reach more suppliers, resulting in increased competition levels and lower costs.
- Faster procurement through better efficiency: the procurement cycle is reduced due to capability to re-use previous competition information, electronic completion of notices and automated evaluation.

**e-Procurement in Malta**

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The solution addresses the Pre-Award and Post-Award Phases of eProcurement (eNotification, eSubmission, eAwarding, Tender specification and preparation, Contract Drafting, Contract Governance and monitoring, eCatalogues and Vendor Rating).

The solution also interfaces with the Maltese e-Government Shared Services. For all of the above functionalities the company offers the following services:

- Analysis, Implementation and Testing of the Software for the platform.
- Hosting and Disaster Recovery.
- Provision and set-up of the test environment.
- Deployment of the platform on the production environment.
- Delivery of Technical documentation.
- Delivery of User manual and training.
- Service Management (Corrective and Evolutionary Maintenance) and help desk.
- For on going training the company has offered and shall offer through the duration of the contract the following training sessions.
- 30 days of training to Contracting Authority Users.
- Ad hoc training on customer request.
SCC e-Tendering

The services provided by EUROPEAN DYNAMICS under the contract covered the provision of a fully hosted e-Tendering platform which supports the Suffolk County Council's (SCC) procurement activities and also their document and project management needs.

The e-PPS platform supports “One-off Procurements”, such as Open, Restricted, Negotiated, Accelerated and Competitive Dialogue Procedures, as well as “Repetitive Procurements”, such as Framework Agreements / Contracts and Dynamic Purchasing Systems.

Furthermore, it can ensure the equal treatment of all financial institutions and the transparency of competitions by adopting recognised and acceptable models, related to the protection of sensitive information. Finally, e-PPS is in full compliance with ISO 27001 and has received Impact Level 3 accreditation according to the HMG Information Security Standards.

The SCC e-Tendering platform provides a variety of functionalities to support the entire procurement process (e-Attestation, e-Notification, e-Tendering, e-Evaluation and e-Awarding). Further to fully supporting the e-Tendering needs of SCC, the project’s scope also includes the support of the post awarding and project management needs of the organisation. Thus, the SCC e-Sourcing platform includes the CPMS platform of EUROPEAN DYNAMICS, an open-source platform based on the ASP model, which supports all the post procurement and project management activities.

TfL e-Tendering (UK)

The services provided by EUROPEAN DYNAMICS under the contract covered the provision of a fully hosted e-Tendering platform which supports the Transport for London’s (TfL) procurement activities.

Services provided under this contract include the Analysis, Configuration and Testing of the Software of the platform; provision and set-up of the test environment; deployment of the platform on the production hosting environment (internal); delivery of technical documentation; delivery of user manual and training; corrective maintenance; evolutionary maintenance and a 1st level helpdesk functionality.

The benefits offered to TfL by the new e-Tendering platform services are the following:

- Effective centralised management of user data.
- Acceleration of the procurement and decision making process.
- Reduction of administrative delays and costs.
- Support of all stages in a procurement process.
- Efficient monitoring and auditing of all user actions.
- Sharing of data by all users within a division (request to participate lists).
- Centralised registration and authentication process.
- Secure communication and exchange of information.
- Automatic notification to platform users using e-mail.

The TfL e-Tendering platform provides all necessary functionalities to support the entire procurement process (e-Attestation, e-Notification, e-Tendering, e-Evaluation and e-Awarding).
Company Profile

EUROPEAN DYNAMICS is a leading company in the field of Information and Communication Technologies operating through its offices and antennas in Greece, Belgium, Cyprus, Denmark, Luxembourg, Germany, Spain, Sweden and UK. The company designs, develops, implements and maintains ICT applications and turn key solutions using advanced technologies and methodologies.

EUROPEAN DYNAMICS employs over 480 engineers and IT scientists of a very high profile (around 9% have a PhD, 38% have a MSc and 97% have a BSc). The group generates an annual turnover of approximately 38 Million EURO. The value of contracts under implementation exceeds 200 million.

EUROPEAN DYNAMICS offers its services to the public and private sectors, in 27 countries world-wide. Customers include government institutions, multinational corporations, public administrations and multinational companies, research and academic institutes.

The company has an extended expertise in the areas of e-Government, e-Business, e-Procurement, e-Collaboration, groupware and workflow, content, document and knowledge management, communications middleware, network management, ICT security, broadband and mobile applications. Own software products and tools have been developed in these domains. All the products and services are offered for web, intranet and Internet environments and are based on open architectures and state-of-the-art technologies.

EUROPEAN DYNAMICS supports open source software (OSS) initiatives and distributes a wide range of OSS solutions (e.g. e-collaboration, electronic procurement systems, WCM) free of license fees to public administrations.

The main activities of EUROPEAN DYNAMICS are:
- software design and development
- telecommunication and information systems integration
- MIS and IT applications development
- R&D
- facilities and applications management
- consulting services

EUROPEAN DYNAMICS clients include:
- the Council of the European Union
- the European Commission
- the United Nations
- Eurocontrol
- the European Environment Agency (EEA)
- the European Medicines Agency (EMEA)
- the Office for the Harmonisation of the Internal Market (OHIM)
- the European Police Office (EUROPOL)
- the Office for Official Publications of the European Communities (OPOCE)
- the European Railway Agency (ERA)
- the European Centre for the Development of Vocational Training (CEDEFOP)
- the European Chemicals Agency (ECHA)
- the European Centre for Disease Prevention and Control (ECDC)
- the UK’s Office for Government Commerce
- the UK’s National Health Service (NHS)
- the Scottish Government
- the Greater London Authority, London Development Agency and Metropolitan Police
- Ministries and government authorities in:
  - Austria
  - Cyprus
  - Germany
  - Jordan
  - Tunisia
  - Belgium
  - Finland
  - Greece
  - Luxembourg
  - Turkey
  - Bulgaria
  - France
  - Ireland
  - Malta
  - United Kingdom
  - Croatia
  - Georgia
  - Italy
  - Romania

EUROPEAN DYNAMICS is an ISO 9001:2008 certified company and has a NATO and EU security clearance.

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