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Institute of Logistics and Warehousing

Project No.: XP/RER/04/009

Z-1859-0-2004

**Development of new tools for e-productivity and quality
improvement**

FINAL REPORT

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UNIDO Vienna International Centre

Contract No 2004/214

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SUMMARY

Contract No 2004/214 made between UNITED NATIONS INDUSTRIAL DEVELOPMENT ORGANIZATION (UNIDO) and INSTITUTE OF LOGISTICS AND WAREHOUSING was direct to develop of new tools for e-Productivity and Quality (E4PQ) Programme Management. Works include designing of e-procurement system and enhancing an E4PQ Portal (deployed on a pilot basis) by new tools i.e, registration mechanism, automatic mailing lists and forum open for exchanging information between interested partners. Administering activities of the E4PQ portal were also done. The design of e-procurement system was oriented on the implementation stage to facilitate the trade flows and market access of automotive parts manufacturers (SMEs), by the use of web technologies. The implementation of the e-procurement system as a part of e-Tarde Internet Platform basis on performed design is possible now.

Works under Contract were performed
from 02 of November 2004 to 31 of December 2004

Tasks under Contract were done generally by *Institute of Logistics and Warehousing* in Poland in cooperation with *Association of Motor Parts Manufacturers* in Poland.

ACTIVITIES AND OUTPUTS

Duties resulting from the Contract were done in three paths:

- 1) Designing the e-procurement system.
- 2) Enhancing the E4PQ Portal tools designed for building a network of companies and institutions/teams participating in E4PQ Programme.
- 3) Administering the E4PQ Portal activities.

Ad. 1) Design of the e-procurement system is detailed drawing up design of e-procurement system made for its attachment to E4PQ portal and drawn up according to the requirements of Polish Association for Automotive Parts Manufacturers.

The e-procurement system allow for B2B activity including:

- Supplier searching tool for companies in order to find suppliers of car parts. It includes a database of companies (e.g. accredited by the Association of Motor Parts Manufacturers in Poland, Czech Republic, Russia and another countries); they can contact by the system in its search for the inquires from large companies. The system includes a catalogue of products offered by the accredited companies, which allows to direct the inquiry to the large companies.
- Supplier searching tool for the companies which allows established manufacturing plants between business partners.
- Information exchange system as means of communication related to spare parts between distributors and producers.
- On-line procurement process tool based on operations proceeded from ordering to invoicing.

Ad. 2) New tools created for improving of Portal E4PQ management and communication between companies and institutions/teams participating in E4PQ Programme include:

- registration function both in Polish module and in English module (on-line registration forms) for enterprises and institutions, creation of relevant databases of registered entities with records presentation (for registered only) through a "search" tool.
- mechanism with automatic mailing lists for registered enterprises and institutions for dissemination information (both in Polish and in English).
- Forum function (similar to existing one for Programme Management and Expert Teams) open for general public (in both PL and EN modules).

All new tools mentioned above were deployed on domain "http:\\www.e4pq.org."

Ad. 3) Administering activities of the E4PQ Portal were hold till 31 of December 2004.