List of new IT projects being developed across the Civil Service; the purpose of each project; and the anticipated cost of each project.
(AQW 3478/09)

Department of the Environment – 17 projects

Project Name	Purpose	Anticipated Cost
Northern Ireland Driver Licensing System Technical Refresh and Software Upgrade	Hardware and software upgrades to the Northern Ireland Driver Licensing System.	£250,000
Certificate of Professional Competence (Lorry and Bus Driver)	Changes to Driver licensing system to comply with Certificate of Professional Competence legislation.	£570,000
Taxi Licensing Project	Replacement of old system for Taxi Licensing	£320,000
Northern Ireland Driver Licensing System Balancing Functionality	New balancing functionality for the Northern Ireland Driver Licensing System	£20,000
Electronic Planning Information for the Citizen (ePIC)	A replacement of Planning Service's existing outdated IT system with modern user friendly products, services and information on planning for everyone in the community. Amongst other things it will allow citizens to submit, pay for and track the progress of planning applications on-line.	£8.5million
Stakeholders	A Northern Ireland Environment Agency (NIEA) central database of all our stakeholders designed to integrate with new and existing systems.	£10,000
Site Visits	A central database of all site visits within NIEA. Integrates with Pointer and will include spatial searches	£32,000
NIEA Web Site Review	Project to review existing web site and ensure information is up to date and reflects work of Agency	£10,000
Internal Map Viewer	Put in place infrastructure and web base map Viewer for use internally within NIEA	£30,000
Public map Viewer	Creation of infrastructure and Web based Geographic Information System (GIS) application to allow public to view NIEA spatial datasets.	£40,000

Planning and development Control System	Replacement of old planning systems to handle planning applications in NIEA.	£80,000
Registration Of Carriers on-line application	Companies or individuals who transport waste are required to apply for registration with NIEA. The proposed solution will enable them to register their application on-line, assisting with the data management and speeding up the application processing. The finished solution will integrate with the generic Stakeholders database	£15,000
Waste Management Licensing, Phase 3 Monitoring	This phase of the Waste Management Licensing project involves the detailed recording of site inspections for licensed waste management facilities, calculating a risk-rating based on these visits, and a reporting module. The finished solution will integrate with the generic Stakeholders database, and the Site Visits system.	£11,000
Pollution Incidents	Web-based Pollution Incident Logging and Tracking System replacement. Logs pollution incidents and records findings associated with the incident, officer visits, clean up operations and prosecutions relating to it. Includes mapping element from Environmental Research Systems Institute. The finished solution will integrate with the generic Stakeholders database, and the Site Visits system.	£82,000
Agricultural Regulations	A web-based solution has been developed to provide a single user interface to assist in the regulation of landowners under several pieces of legislation, e.g. Groundwater, Silage, Slurry and Fuel Oils, and Nitrates & Phosphates. Includes GIS element from Environmental Research Systems Institute. The solution integrates with the generic Stakeholders database, and the Site Visits system.	£88,000
Abstraction & Impoundments Licensing	A system to authorise and license the impoundment and abstraction of water, and handle associated fees and charges. The finished solution will integrate with the generic Stakeholders database. Includes GIS element	£107,000
Ancient Monuments & Buildings – Scheduling Monuments Management.	A system to allow scheduling data to be held and managed in a single location: within the recently developed Northern Ireland Sites and Monuments Record database	£11,000

Department of Finance and Personnel - 8 projects

Project name	Purpose	Anticipated cost
Upgrade of CPD project costing and charging system	Upgrade to CPD Project Costing and Charging system to provide web-based management reports	£24,000
System 2007	To specify, procure and implement a database system to enable the NI Managing Authorities for the 2007-2013 Structural Funds Programmes to meet statutory requirements and administrative needs for the recording and processing of data.	£1.012million
Digital Pen & Paper	Home safety officers in NI visit homes and perform safety checks. The results of their surveys are currently recorded using pen and paper. The objectives of this project are to:- • Enable the officers to collect home safety data using digital pens and specially designed digital forms • Transfer the data collected by the digital pens into a back office database • Automatically update the database every time an officer docks the pen upon their return to the office.	£80,000
Office Collaboration	Pilot to determine how valuable OCS and other collaboration software would be to the business. Already hosting a service for DARD minister for the duration of her maternity leave. Now investigating usefulness of a 'wiki' for IT Assist; KPI scorecarding for IT Assist and softphone integration with presence/instant messaging	£40,000
Network NI	To provide a high speed ICT wide area network infrastructure for the NICS that will provide the flexibility, capacity and quality of service required to support new ICT based applications being introduced under the Reform Agenda such as Account NI, Records NI and HR Connect, as well as new and existing Line of Business applications. The new infrastructure will allow the NICS to fully utilise technologies such as IP Telephony in the delivery of our services.	The total cost over 6 year period is estimated at: £13.12m
Account NI	New integrated accounting system for the NICS (linked to a financial shared service centre)	£48.5m

HR Connect	HRConnect will provide an electronic solution capable of modernising, harmonising and supporting business needs in the areas of industrial and non-industrial payroll, personnel and recruitment through changes to the systems and processes within and across Departmental boundaries	The contract value is £37.8 million in capital fees and, after implementation, an annual cost of £26.5 million (£12.2 million Service Charge and £14.3 million Retained HR
ICT Shared Service Project (IT ASSIST)	To provide a cost effective means of delivering ICT infrastructure and common services to all Departments within NICS, operating to industry best practices and providing improved levels of service availability and resilience to meet the needs of all stakeholders. Initiated: October 2006.	Anticipated Cost: £5.2M (including data centre costs)

DFP Land and Property Services (LPS) – 8 projects

Project name	Purpose	Anticipated Cost
e-PIMS	Pilot project to adapt GB IT system for management of NI public sector land and property assets.	£75,000
Building Control/Data Sharing	Project to enhance IT systems to improve capture and flow of public sector property data in support of efficiencies in property valuation and rating.	£290,000 *
e-Registration (inc e-Payments, e-Signatures, e-certificates)	Project to introduce a range of efficiencies and improved services to land registration processes.	Estimated cost of E-payments is £50,000. Costs not yet available for other elements as there is a dependency on legislative change.
GeoHub/Cameo Upgrades	The aim of the CAMEO / GeoHub enhancement is to ensure that customer feedback for CAMEO - www.osni.gov.uk, and GeoHub NI - www.geohubni.gov.uk is taken into account and the services delivered through the websites reflect this feedback. Behind the scenes, the enhancements will ensure the mapping data is fed from a single source, reducing the requirements to maintain multiple databases from multiple vendors. The ultimate goal is to refine the purchasing and map viewing experience of customers, in particular the purchasing of digitally based data.	£350,000
Workflow planning	Pilot project to adapt existing systems to explore and identify efficiencies in work scheduling and data merging.	£35,000
Collection and Valuation System Enhancements	A programme of system upgrades to improve efficiency of services including revaluation activities and internal and external interworking.	£784,000 * [cost covers 3 years]
Avgen System	Project to replace obsolete technology with modern IT system for the valuation of public sector properties.	£120,000
Computer Equipment Renewal	Maintenance project to renew obsolescent computer servers and to increase storage requirements in line with business need.	£118,000

Note 1: Costs marked * may be considered as Protect – Commercial.
Note 2: ** This may not involve any capital expenditure as options exist to make payment on a transactional basis as per the existing PPP arrangements with BT

DFP Northern Ireland Statistical and Research Agency (NISRA) – 2 Projects

Project name	Purpose	Anticipated cost
GRO Digitisation Project	The Digitisation Project is part of the ongoing modernisation programme of the General Register Office Northern Ireland (GRO). Paper based records from 1845 - 1996 will be scanned and data captured. The digitised records will be quality assured and subjected to technical analysis to ensure accuracy rates are achieved in accordance with industry standards. The outputs will then be uploaded onto the existing Registration system (RCM) to facilitate electronic certificate production and provide the building block for sharing data electronically with other government departments.	The value of the entire Digitisation Project is approximately £2.5 million.
2011 Census [Commercial in confidence]	In a joint contract with the Office for National Statistics [ONS], the Northern Ireland Statistics and Research Agency [NISRA] has engaged Lockheed Martin UK to provide a range of services for the 2011 Census. These include printing census questionnaires, capturing and coding data, provision of a contact centre and web site to provide help to the public and an internet completion option. LMUK is contracted to provide a wholly integrated census services solution comprising all of these functions, each of which is inextricably linked to the others and all of them require significant IT input.	ONS contract management has advised that the value of this contract is commercial in confidence and will remain so until the conclusion of the contract. Although it is in access of £10,000.

Department of Social Development – 5 projects

Project name	Purpose	Anticipated Cost
Employment and Support Allowance Project	Introduces a new benefit to replace Incapacity Benefit and Income Support paid on grounds of incapacity for fresh claims from October 08.	£71.795million
Cheque Reconciliation Replacement Project	To replace the SSA cheque reconciliation system when existing contractual arrangements expire in November 2008	£0.519million
The Pensions Reform Delivery Project	To deliver the changes necessary to initially equalise the State Pension age at 65 for both men and women and then to extend to age 68 and deliver the reforms to State Pension contribution conditions and conditions of entitlement as set out in the Pensions Reform Act 2007.	£3.671million
Pensions Transformation Project	To make the telephone the lead channel of access for claims and change of circumstances for State Pension and Pension Credit	£22.812million
Self Service Project	An Internet-based service which will give customers access to their benefit record.	Not yet determined

Department of Agriculture and Rural Affairs (DARD) – 12 Projects

Project	Purpose	Anticipated Cost
APHIS development	To develop the Animal and Public Health Information System (APHIS) to meet the requirements for livestock traceability and animal health programmes	£500k
Web security	To ensure DARD internet sites are adequately protected against hacking attacks	£50k
Single Farm Payment scheme management	Continued development of SFP application to meet changing needs	£230K
Northern Ireland Countryside Management scheme	To develop an IT system to manage the implementation of the new Northern Ireland Countryside Management Scheme	£110K
Customer Information System	To improve multi-channel service delivery to customers	£200K
Geographic Information System	To upgrade the Geographical Information System to meet SFP, NICMS and Veterinary business requirements	£130K
Contingency server room	To ensure fit for purpose contingency facilities for line of business applications	£240K
SFP Scanning project	To further develop the SFP scanning application to support earlier payments to farmers	£65k
SFP Mobile computing	To pilot SFP inspections using mobile GIS/GPS technology	£64K
Fleet management	To upgrade fleet management system for Rivers and Forestry Service	£30K
Unified Communications	To pilot unified communication technology including desktop conferencing	£44K
Sharepoint Implementation	To develop the architecture and implementation plan for Sharepoint to improve collaborative working and management information	£62K

Department of Education (DE) – 1 Project

Project name	Purpose	Anticipated cost
Teachers payroll project	The purpose of the payroll project is to replace the current teachers' payroll system which is becoming obsolete to ensure the Department maintains the capacity to pay salary to more than 20,000 teachers per month	The cost of the contract is £1.1m (£963k this year + £136k maintenance next year, the contract ends March 2010).

Department of Regional Development (DRD) – 11 projects

Project	Purpose	Anticipated cost
Strategic Systems Upgrade	Upgrading existing Road Maintenance System software to current version to ensure continued support from supplier	£45,200
Data Capture Devices with GPS	Purchase of data capture devices with GPS capability for use in survey of Roads Service infrastructure assets	£37,900
Web based Low Bridges Map	Purchase of software to create a map viewer to allow customers to view map based information on RoadsNI web site such as location of low bridges to help reduce collisions	£25,500
NISRANS Requests for Change	Changes to the existing Street Works Management System to improve control pending system replacement	£19,000
NISRANS Replacement Project	Replacement of existing Street Works Management System to comply with new legislation	£120,000
AutoCad Upgrade	Upgrading existing computer aided design software to take advantage of recent improvements	£20,000
Tranman Upgrade	Upgrading existing fleet management system to current version for improved functionality and to ensure continued support from supplier	£16,500
Data Capture Device Replacement Phase 1	Purchase of data capture devices and software to replace existing obsolete and failing devices used for recording road and footpath defect inspections	£60,500
Qualtec Data Migration	Data Cleansing and migration from Qualtec Stores System to Account NI	£15,000
RSC Management Information System	Replacement of existing management information system used by Roads Service Consultancy for management of capital projects.	£239,400
DC Server Replacement	Refresh / replacement of 7 existing line of business servers	£46,000