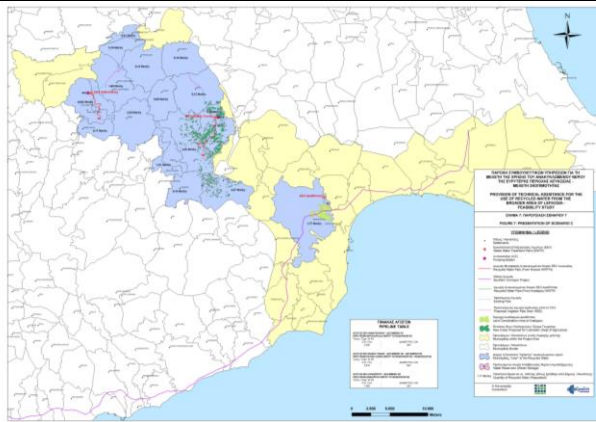


Ref. No:	Project title		PROVISION OF TECHNICAL ASSISTANCE FOR THE USE OF RECYCLED WATER & PIPELINES SYSTEMS FROM THE BROADER AREA OF NICOSIA, CONTRACT NO. 06/2008(2)					
Name of legal entity 	Country	Overall project value (EUR)	Proportion carried out by candidate (%)	No of staff provided	Name of client	Origin of funding	Dates (start/end)	Name of partner(s) [if any]
	Cyprus	75.120,00	50	3	Water Development Department , Republic of Cyprus	Republic of Cyprus	Jan 2008- Dec 2009	LDK CONSULTANS ENGINEERS & PLANNERS LTD
Detailed description of project						Type of services provided		
 Extension of the main project which has been the integrated master plan of the broader area of Nicosia. It concerns the use of recycled water from sewage treatment plants (STPs) Anthoupoli and Vathia Gonia of the broader area of Nicosia, and STPs in Aradippou. This study encompasses extension and revision of the four major tasks and their respective public works components (PWC) as: • Complementary feasibility study that was conducted under Contract No. 14/2005 (see below) (Task 1) • Final Design Study for sectors of water mains Anthoupoli - Vathia Gonia & Vathia Gonia – Ag. Sozomenou (Task 2) • Final Design Study of water main Anthoupoli-Vathia Gonia (Task 3) • Final Design Study of water main Vathia Gonia – Ag. Sozomenos (Task 4) • Tender documentation and support to the Authority The following issues were drivers for the investigation that was carried out in order to identify options for reuse of the treated effluent (recycled water): (1) Discharge of treated effluent from WWTPs to inland surface waters is forbidden in Cyprus, regardless of the level of treatment applied; thus, the treated effluent from the WWTPs, once in operation, will have to either recovered and reused or conveyed to the sea for final discharge; (2) The treated effluents, from all the three WWTPs, are of exceptionally good quality, having been treated by means of tertiary treatment (including microfiltration), adequate and safe for several irrigation uses (3) The FAO study proved in a detailed and quantitative way the deficits in the islands' Water Balance, and water shortages were experienced by water consumers, with adverse effects on the domestic and agricultural sectors of the Island; (4) Treated effluent from a municipal WWTP is referred to as "Recycled (or reused) water", this being an indication of the importance given to the reuse of treated effluent in the national water policy; (5) The Southern Conveyor Project, the largest project in Cyprus which supplies approximately 40% of the total domestic and irrigation water of the island, in the south, eastern and central parts of Cyprus, suffers from water shortage which according to the Water Development Department is estimated at 13 Mm³ per year.						• Regional topology mapping as extension to phase-I • Enviro & social/economic mapping, as extension to phase-I • Database & GIS, Design of Integrated rehabilitation of the sewerage – drainage and pumping stations • Hydraulic level constructive solutions and modelling • Tender documentation preparation • Public hearing support • Assistance to the Authority for tendering • Project dissemination • Technology transfer seminars to the Ministry and local Authority		