

<b>Data Sheet Project # 08</b>	<b>Project title</b>		Consultancy Service for Alexandria West Wastwater Treatment Plant PPP-Transaction within the framework of the Water Policy and Regulatory Refom Program,					
<b>Name of legal entity</b>	<b>Country</b>	<b>Overall project value (EURO)</b>	<b>Proportion carried out by legal entity (%)</b>	<b>No of staff provided (MM)</b>	<b>Name of client</b>	<b>Origin of funding</b>	<b>Dates (start/end)</b>	<b>Name of consortium members, if any</b>

EnviroConsult	Egypt	Project Value 95 Million Consultancy fees 50,000	100%	12	Chemonics Internationa I INC.	USAID	Sep. 2010- Jan 2012	None
Detailed description of project						Type of services provided		
<p>Within the duties of the ministry of Housing, Utilities and Urban Development, the undertaking of the construction, operation and maintenance of the third phase of Alexandria West Wastewater treatment plant in Alexandria governorate, to upgrade the level of the treatment from primary treatment to secondary treatment. The plant capacity is 460,000 m<sup>3</sup>/day, but it will be extended as necessary to handle the future flows.</p> <p>Implementation of the water policy regulatory program is undertaken as a Public Private Partnership (PPP).</p> <p><b>objectives of the project are:</b></p> <ul style="list-style-type: none"> <li>• Provide an environmentally safe wastewater treatment facility</li> <li>• Attract participation of the private sector for the development of infrastructure to better allocate and manage the resources,</li> <li>• Reduce the fiscal burden of building new infrastructure</li> <li>• Implement a regulatory framework for sustainability of the project and future PSP/PPP schemes.</li> <li>• Support the PPP procurement process for the secondary upgrade of the WWTP.</li> </ul> <p><b>Specific objectives of the project are:</b></p> <ul style="list-style-type: none"> <li>• Provide technical due diligence reports and basic design parameters review</li> <li>• Provide a preliminary conceptual design for the the upgrade of the wastewater treatment plant.</li> <li>• Provide cost estimates for construction, operation and maintenance of the WWTP.</li> <li>• Provide technical input for the legal and contractual documentation</li> <li>• Optimization of O&amp;M based on energy saving-concepts and power-factor enhancement.</li> <li>• Support the marketing of the project to potential investors as well as answer technical questions raised by bidders.</li> </ul>						<p>Technical Support and Consultancy Services including:</p> <ul style="list-style-type: none"> <li>• Data Collection and analysis</li> <li>• Master Plan review and existing data evaluation and assessment.</li> <li>• Summarize the demand for WWTP capacity for the planning period.</li> <li>• Assessment of required treatment levels and other regulatory issues including influent/ effluent quantity and quality for WW and sludge. Also discussing the regulatory issues related to noise, gaseous emission, energy consumption, power saving, O&amp;M cost recovery.</li> <li>• Providing the process engineering for the secondary process options.</li> <li>• Conceptual design of identified secondary treatment options including WW and sludge management.</li> <li>• Preparation of cost estimate for O&amp;M on a life cycle basis.</li> <li>• Preliminary Design of secondary treatment for the WWTP including all of drawings, electromechanical machinery list, table of CAPEX and OPEX. And equipment procurement list.</li> <li>• Input for bidding and transaction documents.</li> </ul>		