

Ref. no:04	Project title:		National Project for providing of non-served 240 villages with drinking water (Contract B)					
Name of legal entity	Country	Overall project value (EUR)	Proportion carried out by legal entity (%)	No of staff provided	Name of client	Origin of funding	Dates (start/end)	Name of Consortium members if any
EnviroConsult	Egypt	135,714,29	85%	10	National Organization for Potable Water and Sanitary Drainage (NOPWSD)	National	May 2008 / Feb. 2010	Drawings were prepared and reviewed in association with the German consulting office (BAMAG)
Detailed description of project						Type of services provided		
<p>Main Objective The project was in the framework of a national plan for water supply for non-served rural communities. The project contains 31 small water plants mainly for iron and manganese removal with different capacities ranged between 25liter/sec and 125 liter/sec</p> <p>Specific objectives Some areas in the rural communities in Egypt depend on ground water as source of drinking water. The quality of ground water in most of Egypt suffering from high concentration of iron and manganese. This high concentration causes some problems to the water quality and affects on the social acceptance of the water consumer. The concentration of the iron in most of Delta region ranged between 1.2 and 2.0 ppm, but in the rural areas as new Valley area the concentration becomes so much as 10 ppm. Therefore different technologies must be applied for iron removal depends on the concentration of iron and manganese and pH as well. EnviroConsult took a role of Contractor consultant for preparation of design and detailed engineering drawings in association of the German consulting office (BAMAG).</p>						<p>Technical support and consultancy services for the contracting company (Arab Contractors) including:</p> <ul style="list-style-type: none"> ▪ Feasibility study for different treatment alternatives ▪ Preparation of workshop drawings of mechanical and hydraulically works of ground water treatment plants. Work includes 36 plants with different capacities from 25 l/sec to 125 l/sec. ▪ Specifications and equipment list ▪ Bill of quantities for civil/ electromechanical works 		