



## Project Management Directorate (PMD)

<b>Job-title</b>	<b>Wastewater Treatment/Process/ Reuse Specialist</b>
<b>Reporting to</b>	<b>PPP / BOT Director</b>
<b>Proposed Mandate and functions of PMD</b>	<p>The focus of PMD is primarily to support and follow up the water sector reform measures as agreed upon in the task matrix of the Development Policy Loan, funded by KfW/ AFD.</p> <p>Professional support to WAJ through a team of qualified national and international experts is focussing on utility companies and WAJ operational units.</p> <p>Future developments of the sector will have to take into consideration constraints posed by limited water resources, technical aspects of matching supply and demand, substituting freshwater with treated wastewater for irrigation, expanding the wastewater collection systems including house connections, introducing new wastewater treatment technologies to reduce greenhouse emissions and improving energy efficiency.</p> <p>Major intervention areas will be the</p> <ul style="list-style-type: none"> <li>• Supporting WAJ &amp; utility companies in implementing the investment programme for wastewater systems and treatment plants;</li> <li>• Promoting the wastewater reuse in selected areas;</li> <li>• Development of a project pipeline for WW collection systems and reuse systems and developing incentive mechanism for households connecting to sewer systems financed through donors</li> <li>• Support WAJ in coordination of donor activities in the wastewater sector</li> </ul>
<b>Key responsibilities of the position:</b>	<p>The WW <b>Specialist</b> will be responsible to coordinate and follow-up the monitoring and reporting on all technical and financial matters between donors, consultants, contractors and the clients like WAJ and the respective utility companies.</p> <ul style="list-style-type: none"> <li>- Provide technical expertise to WAJ on WWTP design and operation, identify optimization potentials in existing, planned and ongoing projects.;</li> <li>- Improving communication and cooperation among all stakeholders to avoid overlapping activities;</li> <li>- Support WAJ organizational units in the management of projects targeting speedy implementation and timely completion.</li> </ul>
<b>Scope of work</b>	<ol style="list-style-type: none"> <li>1. Check all planning &amp; design reports of consultants for compliance with approved design standards, with a special emphasis on improving effluent quality, energy efficiency and reuse options.</li> <li>2. Ensure compliance with monitoring &amp; reporting requirements agreed with donors, consultants, contractors and WAJ.</li> </ol>

	<ol style="list-style-type: none"> <li>3. Support the development and implementation of a systematic stakeholder engagement plan that outlines the objectives, methods, tools, and indicators of stakeholder participation and consultation at different stages of the project cycle incl. but not limited to all water companies, WAJ administrations in governorates and others.</li> <li>4. Support the development of private sector engagement in improving operation &amp; maintenance of wastewater treatment plants and collection systems incl.</li> <li>5. Report at regular intervals on the state of affairs and progress made towards realization of objectives</li> </ol>
<b>Educational Background</b>	University Degree in Civil or Mechanical Engineering or Process Engineering, with minor on wastewater treatment
<b>Knowledge/skills/experience Required</b>	<ul style="list-style-type: none"> <li>• 7 years of professional experience in planning, design and/or operation of WWTP's and wastewater disposal systems</li> <li>• Experience in process engineering of wastewater treatment systems</li> <li>• Experience in implementation of wastewater reuse systems</li> <li>• Experience in energy audits of existing water/ wastewater systems</li> <li>• Strong knowledge related to the provision of public services (based on in-depth professional experience in this field).</li> <li>• Excellent knowledge on ICT technologies and computer applications</li> <li>• Experience in management of donor funded projects is an advantage</li> </ul>
<b>Skills</b>	<ul style="list-style-type: none"> <li>• Fluency in Arabic and English (spoken and written).</li> <li>• Fully proficient computer skills and ability to use relevant software applications</li> <li>• Excellent interpersonal and communication skills</li> </ul>
<b>Behavioural Competencies</b>	<ul style="list-style-type: none"> <li>• Team-worker with the ability to establish and maintain effective working relations with people of different national and cultural backgrounds</li> </ul>