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| A. Project management | <p>Project: Technical Assistance to the National Ganga River Basin Authority for the National Mission to Clean Ganga River, funded by World Bank & AFD (French donor). 2011-2012</p> <p>Location: New Delhi, India</p> <p>Client: National Ganga River Basin Authority (NGRBA).</p> <p>Main project features: Providing Technical Assistance to the Ministry of Environment and Forests for the Implementation of the first Projects of the World Bank funded NGRBA Program (1.5 billion USD).</p> <p>Position: Team Leader</p> <p>Activities performed: Planning, Training, Coordinating activities, Technical assistance including Review and Validation of Feasibility and Detailed Designs, Tender docs.</p> |
| | <p>Project: International studies 2002 - 2012</p> <p>Location: Mauritius & International</p> <p>Client: Water Authority / Mauritius Government / International firms</p> <p>Main project features: Design and construction projects, environment impact assessment reports, Design and supervision of water infrastructures.</p> <p>Position: Team Leader</p> <p>Activities performed: Drafting of reports, Project managing, Design and Supervision engineering, Planning, Drawing up tender documents, Supervising design, Tendering, Loan negotiations.</p> |
| | <p>Project: Saint Martin Water Treatment Works 1997 - 2002</p> <p>Location: Mauritius</p> <p>Client : Government of Mauritius / Water Authority</p> <p>Main project features: St Martin Water Works is the largest Water Treatment Plant of the island, and is conceived to cater for a population equivalent of 600 000. It consists of primary, secondary and tertiary treatment with disinfection by UV, and the final effluent is recycled for irrigation. The sludge is conditioned and treated in a digester for production of energy Financing: EU/Government of Mauritius (8th European Development Fund)</p> <p>Position: Chief executive</p> <p>Activities performed: Conception of Saint Martin Treatment Works. As Chief Executive of the executing agency and Project Manager, responsible for the planning, preliminary studies, procurement and supervision of services, procurement of works and general supervision.</p> <p>Services procured and supervised included: Feasibility, detailed design, establishment of bidding and contract documents, studies leading to establishment of standards for irrigation, studies regarding re-use of treated sludge as fertilisers, supervision of works</p> <p>Discussions held: With financing agency (EU), Irrigation Authority, Mauritius Sugar Industry Research Institute, Ministry of Lands etc.</p> |
| | <p>Project: Design and supervision studies</p> |

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| | <p>2004</p> <p>Location: Mauritius Client : National Housing Development Company Main project features: Design and Supervision for the construction of 500 low cost houses including on-site and off-site infrastructure and on-site disposal systems at various locations, including an earth retaining structure 10m high. The use of a new kind of block led to waterproofing problems, leading to the need for testing different technologies and application of the optimal wall waterproofing method. MUR 250million Financing Agency : National Housing Development Company Ltd/Government</p> <p>Positions : Team leader Activities performed: At the head of a team including Architect, Quantity Surveyor, Site Engineers etc. Design of water and sewerage pipelines, septic tanks and leaching fields</p> |
| | <p>Project: Water Authority 1990 - 2002</p> <p>Location: Mauritius Main project features: Created the Agency for water, the Water Authority. Became later its Director. Developed it to become the Agency with the largest investment budget in Mauritius. Transformed the Agency into a parastatal body and as Acting General Manager, ensured a smooth transition.</p> <p>Positions: Managing Director Activities performed: Led a team of young engineers and technicians at the Agency. Coordinated multi-disciplinary teams of experts. Supervised the drafting of Environmental Impact Assessment (EIA) reports for the setting up of wastewater projects. Reviewed and commented on EIA Reports for land parceling and other undertakings as representative of the Environment Agency. Member of various Environment committees including the EIA committee for a number of years.</p> |
| | <p>Project: Design & supervision projects 1987 - 2002</p> <p>Location: Mauritius & International Main project features: Construction projects, rehabilitation of hydraulic infrastructures, institutional studies, Design and supervision for construction projects.</p> <p>Positions: Team leader, structural engineer, project manager. Activities performed: Planning, Supervision of Design and Tender Documents, Tendering, Analysis of Tenders and Award for Works and Consultancy Services for Supervision of rehabilitation/provision, drafting plans and reports, coordinating teams of experts.</p> |
| <p>B. Loan negotiations</p> | <p>1992 With Arab Bank for Economic Development in Africa in Khartoum for financing Rehabilitation of Sewerage Infrastructure on low cost housing Estates.</p> <p>1995 With European Investment Bank (EIB) in Luxemburg, in the presence of the KfW Bank, for the financing of the Baie du Tombeau Project.</p> <p>1999 With Japan Bank for International Corporation, in Mauritius, for the financing of the Montagne Jaquot Treatment Plant (1 billion MUR)</p> |

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| | <p>1999 Set up joint donors' meeting in Mauritius and obtained financing for the Plaines Wilhems Sewerage Project (MUR 3 billion). Donors included World Bank, EIB, EU, Asian Development Bank, Saudi Fund, etc)</p> <p>2000 With European Union, in Mauritius for the St Martin Treatment Plant (MUR 1.2 billion)</p> |
| <p>C. Others</p> | <ul style="list-style-type: none"> ▪ Successfully set up new tariff structure based on capacity to pay, in a phased manner. ▪ Successfully set up Wastewater Authority, and after 10 years changed it to the new Wastewater Management Authority, an autonomous body. Responsible for the setting up of the institution, changes in Legislation, capacity building, financial autonomy. ▪ Was Accounting Officer of the Authority, responsible for establishing budgets, expenditure and revenue collection. ▪ Have been responsible for procurement of services and works on a major scale, on documents prepared according to formats of various financing institutions. ▪ Have participated in a number of conferences and workshops abroad, of which the last was organised by the South African Institution of Civil Engineers in April 2005, on capacity building in the field of water, and best practice. <p>Have represented the local Institution of Engineers. Institutions of Engineers from southern and east African countries, as well as the Africa Engineers' Forum participated in this very important workshop.</p> |