



CURRICULUM VITAE

Rôle proposé dans le projet:

- Nom de famille:** Laulloo
- Prénoms:** Mohammad Reshad
- Date de naissance:** 4 Juin 1949
- Nationalité:** Mauricienne
- État civil:** Marié
- Diplômes:**

Institution	Diplôme(s) obtenu(s):
IHE, Delft, Pays Bas, 1977-1978	MSc, Sanitary Engineering
Université de Nairobi, Kenya, 1970-1973	BSc (Hons) Civil Engineering

- Connaissances linguistiques: (1 - niveau excellent; 5 - niveau rudimentaire)**

Langue	Lu	Parlé	Écrit
Français	1	1	1
Anglais	1	1	1
Urdu/Hindi		3	

- Affiliation à une organisation professionnelle:** Registered Professional Engineer of Mauritius ; Fellow of the Institution of Engineers Mauritius
- Autres compétences:**
Conception et exploitation du traitement des eaux usées par lagunage, Sogreah / Université de Marseille, 1985
Management, Portman Training, UK, 1990
Integrated Water Resources Management, IHE, Université de Zimbabwe, Harare, 1995
Formation aux systèmes d'assainissement sous vide, 2000
International Seminar for Chief Executives, Singapour, 2001
Stage sur les partenariats Public / Privé, 2002
Informatique (Word, Excel, Power Point, MS Projects, AutoCad, Basic, Visual Basic, Internet)
- Situation présente:** Consultant Indépendant
Président d'un Tribunal Administratif, l'Independent Review Panel, qui concerne les marchés publics.
- Années d'ancienneté auprès de l'employeur:** depuis 2002
- Qualifications principales:**
Fondateur puis DG pendant dix ans de l'Office National d'Assainissement de Maurice. Comme consultant sur un certain nombre de projets, a conçu et supervisé les études (APD) et la mise en œuvre de nombreux projets d'assainissement (réseaux et traitement) d'une valeur totale de 250 millions USD.
Projets financés par la Banque Japonaise pour la coopération Internationale, la Banque Mondiale, le FED, l'Agence Française de Développement, Saudi Développement, la BAD et la BADEA.

A aussi mis en place un nouveau système tarifaire d'après le principe pollueur/payeur. Son expérience dans le domaine institutionnel comprend la mise en œuvre d'une étude institutionnelle qui a permis la transformation de la Direction de l'Assainissement à Maurice en un Office. Plus récemment, a monté, puis supervisé une étude similaire en Côte d'Ivoire.

En tant qu'Assistant Technique (2 contrats avec l'Union Européenne), a monté et supervisé des études de Faisabilité, des Schémas Directeurs, APD et études institutionnelles.

Il a initié le plan d'action dont l'objectif est d'augmenter la population raccordée, A Maurice, de 20% à 50%, et protéger ainsi les ressources touristiques de ce pays.

Est d'origine indienne, son arrière grand-père ayant émigré de ce pays. Comprend le Hindi

13. Expérience spécifique dans la région:

Pays	Date
Inde	Avril 2011 - Présent
République de Côte d'Ivoire	Oct. 2008 – Mars 2011
République Démocratique du Congo	2006 - 2007
Soudan	1992
Arabie Saoudite	1987
Seychelles	2015.
Maurice	1987 – 2007 : 20 années de projets internationaux (Assainissement) FED, World Bank, JIBIC, AFD, SD, BAD, BADEA

14. Expérience professionnelle

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|-------------------|--|
| January 2015 | <p>La Digue, Seychelles</p> <p>Client: Government of Seychelles, European Development Fund, IWRM</p> <p>Title: TECHNICAL DESIGN AND COST-BENEFIT ANALYSIS OF HOTEL-BASED SEWERAGE TREATMENT AND RECYCLING PLANTS ON LA DIGUE, SEYCHELLES</p> <p>Objective: The overall objective is to strengthen the capacity to implement an integrated approach to the management of water resources, with a long term goal of enhancement of the capacity to plan and manage aquatic resources and ecosystems on a sustainable basis.</p> <p>The La Digue IWRM demonstration project supports the implementation of demonstration activities to provide real, on the ground solutions to common problems at the national level with potential for replication across the region and in other small island states.</p> |
| Apr 2011-Mar 2012 | <p>New Delhi, India</p> <p>Client: French Direction Générale du Trésor, Gouvernement of France, Government of India, Ministry of Environment and Forests, NGRBA</p> <p>Title: FASEP Technical Assistance to the NGRBA for the National Mission to Clean Ganga</p> <p>Description: 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>Technical Assistance includes review and validation of Feasibility and Detailed designs, Tender docs, as well as planning and training.</p> |
| 2010 | <p>Cote d'ivoire</p> <p>Client: European Union (FED)</p> <p>TITLE: PUR IV</p> <p>Description: Urgent works to improve hygienic conditions in the city of Abidjan. 1. Rehabilitation of 13 pumping stations (Civil Works and installation of new Electro Mechanical Equipment), and 2. Construction of 7 new pumping stations and laying of 10 km of gravity pipelines and rising mains.</p> <p>My Involvement: As sole representative of Egis BCEOM, the Consultant appointed to provide Technical Assistance: Check and Validate feasibility report, and detailed design, as well as tender documents. Supervise tender procedure, and manage project during construction stage. Ensure throughout that EU procedures are respected.</p> |
| 2010 | <p>Client: European Union (EDF)</p> <p>TITLE: Institutional Study</p> <p>Description: A study costing 600 000 Euros to reform the wastewater sector in Ivory Coast. It includes Institutional, Legislative, Financial, Capacity Building, and good governance aspects, and aims at setting up a new and independent institution for the management of wastewater and storm water, complete with proposals for tariffs etc.</p> <p>My Involvement: I set up the project, and after securing agreement from the EU delegation for its financing, I drafted Terms of Reference and Tender Documents according to EU format, supervised pre-qualification and tendering process, and currently involved in supervision of the study, including validating choices made by the Consultants.</p> |
| 2010 | <p>Client: European Union (FED)</p> <p>Title: Sewerage Master Plans for the Towns of Bouaké, San Pedro and Daloa</p> <p>Description: Updating of Sewerage and SWD Master Plans for 3 towns, phasing of works and feasibility study for first phase in 2 towns.</p> |

My Involvement: I set up the project, and after securing agreement from the EU delegation for its financing, I drafted Terms of Reference and Tender Documents according to EU Contrat Cadre format, supervised the tendering process, and thereafter effected supervision of study. I rejected the Consultants' final report as being non-responsive to the Terms of Reference, and currently involved (from Mauritius) in verifying for validation purposes the corrected version of the final report.

MAURITIUS

October 2013- Sep 2014	Client: Wastewater Management Authority – Cost of Study MUR 5 million CONTRACT WW249C - CONSULTANCY SERVICES FOR FEASIBILITY STUDY AND DESIGN FOR SEWERAGE PROJECT AT Vallee des Pretres and Tranquebar. Feasibility and Detailed design, production of Tender Documents
On Going	Client: Médine Property. EIA and EMP for parceling of land at Albion (500 lots).
Started Dec 2013	Production of EIA Report, Liaison with Authorities, EMP and monitoring
Completed 2013	Client: Wastewater Management Authority – Cost of Study MUR 3 million Contract WW 239.C, Provision of Sewerage facilities to Unsewered areas of Bain des Dames. Feasibility and Detailed Design, production of Tender Documents.
EIA Completed 2013 EMP and Monitoring Completed 2016	Client: Médine Property Contract: Morcellement Roches Brunes. EIA Study and EMP for parcelling of land for Residential purposes. Production of EIA Report, Liaison with Authorities, EMP and Monitoring.
On Going Started Jan 2014	Client: Médine Property. Contract: Morcellement Roches Brunes. Design and supervision of Sewerage network and connections for residential land development.
Aug 2013 – Feb 2014	Client: Vacoas Multi-purpose Cooperative Society/J&A Architects EIA Study and Report for parcelling of land at Flic en Flac (150 lots, 11.5 Ha)
Completed 2012	Client: Wastewater Management Authority/Padiachy Contractor Ltd - Project Value MUR 100 M Contract WW 211.X, Provision of Sewerage facilities to Cité Rozano, Vacoas Design of 165 House Connections, 2 500 m of street and main sewers, Pumping Station and 500 m of rising main. As Consultant for Contractor for a design and build contract.
Completed 2015	Client: Wastewater Management Authority/Sotravic Ltd Project Value MUR 2.45 bn Contract WW 80.F, Plaines Wilhems, Stage 1, Lot 1A Design of 4 000 House Connections, 20 km of street and main sewers. As one of three Consultants for Contractor for a design and build contract.
On Going	Various EIA and Environmental Monitoring Plan Reports
Completed 2012	Biosphere Ltd Design and Supervision of Monkey Breeding Farm for Messrs Biosphere Ltd
2008 - 2009	Wastewater Management Authority Feasibility Study for wastewater disposal on 27 low-cost Housing Estates

	Value of Study: MUR 5 million
2008	Médine Sugar Estates Ltd Design of cut-off drain 500 m long to solve flooding problems in a newly developed Housing Estate at Palmyre, Flic en Flac
2009	Médine Sugar Estates Ltd Study of Natural drain 3km long at St Jaques to assess feasibility of new housing development
2007-2009	Wastewater Management Authority/Padiachy Contractor Ltd (WW.151.Z) Design of street sewers and house connections as designer for a design and build project Project Value approx MUR 50 m
2007 - 2009	Wastewater Management Authority/PADCO (WW.150.Z) Design of street sewers and house connections as designer for a design and build project Project Value approx MUR 50 m
On-Going	Medine Sugar Estates Ltd (Inetgrated Resort Scheme) Design and supervision of sewerage, Sewerage Treatment Plant, Irrigation network for Luxury Tourist Estate at Tamarin. Project Value approx MUR 270 m
2008-2009	First Avenue Design of sewerage, Sewerage and on-site disposal systems, and storm water drainage for Luxury Housing Estate at Tamarin. Project Value approx MUR 5 m
Completed 2009	La Brasserie Transfer Station (Government of Mauritius) EIA and Design and supervision of Infrastructure for Solid Waste Transfer Station, inclusive of roads, drains, concrete platforms and retaining walls up to 6m high.
Design Phase completed	Anjalay Stadium (Government of Mauritius) Design and supervision of rehabilitation of sewerage and stormwater infrastructure for football stadium Project Value approx MUR 35 m
Completed Sep 08	MedineSugar Estates Ltd – Morcellement Palmyre Design of stormwater drainage for 200-lot Housing Estate
Completed 2007	Westrock Luxury Housing (Phase I) Design of sewerage, Sewerage Treatment Plant, Irrigation network and storm water drainage for Luxury Housing Estate at Tamarin. Project Value approx MUR 10 m
Completed 2007	Project Management, Construction of drains, and water supply pipelines
Completed 2005	Sotravic / Wastewater Management Authority Street Sewers and House Connections (WW.88X) lots 3 & 4. About 5 km of sewers and 200 House connections Financing : Government of Mauritius/World Bank

	As Designer for Contractor of a Design and Build project for the WMA Project Value approx MUR 320 m (see also below)
Completed 2005	Transinvest / Wastewater Management Authority Street Sewers and House Connections (WW.88X) lots 1 & 2. About 10 km of sewers and 600 House connections Financing : Government of Mauritius/World Bank As Designer for Contractor of a Design and Build project for the WMA Project Value approx MUR 320 m (see also above)
Completed 2005	Bioculture Ltd EIA Report Monkey Breeding Farm at Riv des Anguilles Drafting of Report
2003-2007	Mon Desert Mon Tresor Design and Supervision of Sewerage Network, creation of Satellite Town at Ebene- 22 km of sewers, 2 pumping stations Design and Supervision Project Value approx MUR 950 m for infrastructure, MUR 125 m for Sewerage
2004 – 2006	Medine Sugar Estates. Design and Supervision of Sewerage, Water and Road Networks, and sewerage pumping station at Morcellement La Confiance - 85 lots Design (completed July 2004) - Supervision (2006) Medine Sugar Estates Design Water and Road Networks, and On-site disposal at Morcellement Bassin - 160 lots
2004	Medine Sugar Estates Design Water and Road Networks, and On-site disposal at Pierrefonds land parcelling - 240 lots Design and Supervision Biodia Ltd EIA Report Monkey Breeding Farm at Tamarin Drafting of Report
2004	The Medine Sugar Estate EIA Report and Design of Sewerage Network for land parcelling at Roches Brunnes - 275 lots Drafting of Report and design
2004	The Medine Sugar Estate - Environment Impact Assessment Report Sub-division of land for Residential purposes – 4 sites - Land area 40Ha Drafting of Report
2004	Floreal Knitwear Design and Supervision for the construction of Sedimentation Tank, Holding Tank, New Pumping Station, and Rising Main. 2 500 cu.m /day Financing Agency : Floreal Knitwear
2004	National Housing Development Company 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

2000-2002 Infrastructure on	Government of Mauritius/Wastewater Authority – Rehabilitation of
	<p>Housing Estates (EDF No 8 ACP MAS 011) Financing: EU/Government of Mauritius Planning, Supervision of Design and Tender Documents, Tendering, Analysis of Tenders and Award for Works and Consultancy Services for Supervision of rehabilitation/provision of sewerage services on low cost housing estates and squatter areas (about 2900 houses)</p>
1998-2002 Project completed 2004	<p>Government of Mauritius / Wastewater Authority, Tertiary Treatment Plant (4000 m3 per day (first phase) - MUR 500 million (first phase) Financing : Government of Mauritius/AFD Discussions with AFD, loan negotiations with AFD both in Paris and in Mauritius, TOR, Procurement, Supervision of study</p>
1999 – 2002	<p>Ministry of Local Government Supervision and Project Management of Landfill operations, Mare Chicose Landfill Site. Approx MUR 7 million / month Financing Agency : Government of Mauritius Supervision of Operations of Land Fill Site at the head of a team of 4. Specific responsibility for contractual matters.</p>
1997-2002 Project completed 2004	<p>Government of Mauritius/Wastewater Authority – St Martin Sewerage Treatment Works Financing: EU/Government of Mauritius (8th EDF) Description: St Martin TW is the largest Sewerage 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.</p> <p>My involvement: St Martin TW was my conception. As Chief Executive of the executing agency and <i>Maitre d’Ouvrage</i>, I was 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>
1999-2002	<p>Government of Mauritius/Wastewater Authority-Plaines Wilhems Trunk Sewer Planning, procurement of services, supervision of design and establishment of tender documents for 27 km of Trunk Sewer for works to be financed by EU under 9th EDF (as part of a project comprising 260 km of sewers and 32 500 house connections)</p> <p>Setting up and running a joint donors’ meeting (World Bank, EU, ADB, Chinese Exxim Bank Etc..for financing above project.</p>
1999	Georges Sinatambou and Others

	Land development at Coromandel. MUR 15 million Design and Supervision of Sewerage Network
1998	Government of Mauritius / Wastewater Authority - Institutional Study Financing : World Bank Procurement and supervision of study for institutional, financial, and legal reforms to the WWA, carried out by CES, India
1997 – 1998	Government of Mauritius / Wastewater Authority National Sewerage Programme. Implementation of the Sewerage Master Plan, including soft components of capacity building, and institutional study - MUR 10 billion, first phase Financing : World Bank at the head of a number of Financing Agencies, including EU Technical and Financial loan negotiations in Washington and London. TOR and procurement, and supervision of Institutional study. Drafted new Legislation, and successfully implemented new tariff structure. Also drafted a number of documents as per requirements of World Bank.
1996-1999	Government of Mauritius / Wastewater Authority Urgent Works Construction of aerated lagoons at St Martin as part of urgent works programme; 10 No turbine aerators in 50 000 m3 lagoons. As Director of WWA, responsible for Terms of Reference, procurement and supervision of study, procurement and supervision of works.
1996	Government of Mauritius Protection of Water Resources – including Institutional studies for setting up the Water Resources Authority, Institutional studies for industrial pollution control, capacity building, etc Financing : Mission de Cooperation Française (Government of France) Member of steering committee, particularly responsible for control of pollution. Carried out tendering for services in France, pre-award negotiations in France, visit of French training institutions, setting up training programme, supervision of studies
1992 – 1993	Jade Ltd Connection of Orchard Towers to Network 2.5 km away Design and Supervision of Pumping Station, Rising Main and Gravity Outfall
1991 – 2000	GEXIM Land Development in several areas of Mauritius Design and Supervision of networks and on-site disposal systems
1991 – 1999	Ministry Energy Baie du Tombeau Sewerage Scheme. MUR 800 million Financing Agency : EIB, KfW Conception, TOR, Financing Negotiations, Procurement, Supervision of Consultants, overall Supervision of project and trouble shooting
1990 – 1993	Ministry of Energy, Wastewater Division National Sewerage Master Plan. US \$ 900 000 Financing Agency : African Development Bank TOR, procurement and supervision of study

- 1990** **Roger de Chazal and Partners**
Sewerage facilities to land development at ex-Basalt Stone Crushing Plant, Eau Coulee. MUR 3 million
Design and Supervision of sewerage network, Pumping Station and off-site Rising Main and gravity sewer
- 1988 – 1991** **Ministry of Works**
Coromandel Sewerage System. 50 km of sewers
Financing Agency : Saudi Fund
Resident Engineer and Project Manager
- 1987 – 1994** **Ministry of Housing**

Rehabilitation of Sewerage, Water Supply, Storm Water Drainage on 25 low income Estates. MUR 300 million
Financing Agency : Government of Mauritius/ADB

Project Coordinator
- 15. Autres informations pertinentes** (p.ex., références de publications) : Participation à des conférences internationales sur l'Eau et l'Assainissement et présentation de publications techniques, notamment South African Institution of Civil Engineers (2005) et Fédération Allemande de l'Eau (2001)