CURRICULUM VITAE (CV) ASSOCIATION OF CONSULTING ENGINEERS SRI LANKA

Name: Rajapaksa P Lokuratna
 Profession: Chartered Engineer
 Date of Birth: 28th October 1953

4. Citizenship: Sri Lankan

- 5. Education:
 - Graduate Diploma in Municipal Engineering and Management, Deakin University, Australia -1992
 - Engineer of Water Supply (EWS), University of Victoria, Australia 1990
 - M Eng. Sc. University of Melbourne, Australia 1983
 - B.Sc. Eng. 2nd Class Honours, University of Peradiniya, , Sri Lanka 1977

6. Membership of Professional Associations:

- Chartered Professional Engineer
- Corporate Member of the Institution of Engineer, Australia 1989

7. Other Trainings:

- Management of Construction Claims, Institution of Engineers, SL 03 days 2000
- Loan Seminar, OECF 1999
- Powers and Duties of Local Government Engineers, IMEA 03 days 1996
- Quality Management Systems, Assessor / Auditor Training ISO 9000, ETRS Stebbing 5 days - 1995
- Land Development Design Accreditation, Melbourne Water 6 days, Moorabbin College of TAFE - 1994
- Certificate in L.T. Skills for Australian Industry 4 weeks, Technisearch, RMIT, Victoria 1994
- AutoCAD 6 days, Technisearch, RMIT, Victoria. Civil-CAD 3 days, Technisearch, RMIT, Victoria. 1994
- Environmental Effects of Rural Road Construction 2 days. Dept. of Works, PNG 1992
- Engineering for Sustainable Development 3 days, Society of Professional Engineers, PNG 1992
- Technical Writing Skills 2 days, Rural Water Corporation of Victoria Australia –1990
- Project Evaluation 3 days, Rural Water Corporation of Victoria Australia 1989

8. Countries of Work Experience : Sri Lanka, Australia, Papua New Guinea

9. Languages:

	Read	write	Speak
English	Excellent	Excellent	Excellent
Sinhala	Excellent	Excellent	Excellent

10. Employment Record:

From: April 2006 to: Date (6 years)

Employer: Freelance Consultant **Positions held:** Consultant Engineer

From: April 2005 **to**: March 2006 (1 years)

Employer: Road Development Authority

Positions held: Project Director

From: December 1998 to: March 2004 (5 years 3 months)

Employer: Individual Consultant - Road Development Authority, Sri Lanka

Positions held: Project Manager/Team Leader - JBIC projects, on contract as a Management

Consultant to RDA

From: 1997 **to**: 1998 (1 year)

Employer: Urban Development Authority (UDA), Sri Lanka

Positions held: Resident Engineer

From: 1995 **to**: 1996 (1 year)

Employer: Shoalhaven City Council, NSW, Australia

Positions held: Municipal Engineer

From: 1994 **to:** 1995 (1 year)

Employer: Booth Associates, Hay, NSW, Australia **Positions held:** Team Leader – Civil Engineering

From: 1991 **to**: 1993 (2 years)

Employer: Department of Works, Simbu Province, Papua New Guinea

Positions held: Provincial Works Manager

From: 1990 **to**: 1991 (1 year)

Employer: Department of Works, West New Britain Province, Papua New Guinea

Positions held: Provincial Civil Engineer

From: 1989 **to**: 1990 (1 year)

Employer: Designs Office, Rural Water Corporation, Armadale, Victoria, Australia

Positions held: Designing Engineer

From: 1988 **to**: 1999 (1 year)

Employer: Rural Water Corporation, Goulburn Region, Tatura, Australia

Positions held: Engineer, Planning and Technical Services

From: 1987 To: 1988 (1 year)

Employer: Devenco (Lanka) Ltd., Runway Project, Sri Lanka Air Force Base, Anuradhapura

Position held: Project Manager

From: 1984 **To**: 1987 (3 years)

Employer: Hazaama Gumi Corporation of Japan, Mahaweli Development Project, Sri Lanka

Position held: Construction Engineer

From: 1981 **To:** 1984 (3 years)

Employer: University of Melbourne, Australia

Position held: Postgraduate student in Civil Engineering

From: 1980 **To:** 1981 (1 year)

Employer: Resources Development Consultants - Binnie and Partners, Sri Lanka

Position held: Assistant Resident Engineer

From: 1978 **To**: 1980 (2 years)

Employer: Mahaweli Development Board, Sri Lanka **Psition held:** Project Engineer, Roads & Infrastructure

From: 1977 To: 1978 (1 year)
Employer: River Valleys Development Board / Central Engineering Consultancy Bureau / Department of

Highways

Position held: Worked as a supervised trainee

11. Description of the Work Undertaken

Name of assignment or project: Feasibility Study And Detailed Engineering Design of A009 Road And Roads In Jaffna Peninsula – Package V, Consultancy Services for the Feasibility Study of National Highways Package 1C, Management Consultancy Services for Southern Transport Development Project, Consultancy Services for Design Review and construction Supervision of Outer Circular Highway Project, Design and Construction Supervision of Municipal Roads in Kesbewa Municipal Council(team leader), Feasibility Study, Detailed Designs and Contract Documentation for 400km of Provincial Roads in Northern Province (Asset Management specialist)

Year: March 2004 to: Date (6 years)

Location: Sri Lanka

Client: RDA and Ministry of Provincial Councils and Local Government

Name of assignment or project: Baseline Road Phase I & II, Japan Friendship Bridge (Cost 800 million)

Project.

Year: December 1998 to: March 2004 (5 years 3 months)

Location: Sri Lanka

Client: RDA

Main project features:

Positions held: Project Manager/Team Leader

Activities performed: involved in management of consultants (Engineer) and constructors on behalf of the Client (RDA) and liaison with Utilities and other authorities regarding their requirements with respect

to the projects, designs and contract documents, preparation of cost estimates, calling for tenders, issue of tender addendum, assisting in evaluation and negotiations, assisting in land acquisition and shifting of services assisting on obtaining approval / concurrence of funding agency

Assistance with contract administration, solving design and specification problems, project formulation, safety and environmental issues is being provided for all of the above three projects. Work was executed under FIDIC contracts. Was a key person in resolution of disputes related to Variations and Claims through analysis of the Contractors documents, responses from the Client and the Supervision staff and advising the Engineer.

Name of assignment or project: Upper Lake Road Rehabilitation and Improvement Project Nuwara-Eliya

Year: 1997 **To:** 1998 (1 year)

Location: Sri Lanka

Client: Urban Development Authority (UDA)

Main project features: Township Development and Construction of a Solid Waste Disposal Facility with

composting as the method of treatment **Position held:** Resident Engineer

Activities performed: Work was carried out under difficult climatic conditions and careful planning and programming of activities was necessary to take advantage of dry weather periods. There was also difficulty in procuring construction materials.

Was the Engineer for the Contract (ICTAD). Attended to resolution of disputes in the capacity of the Engineer relating to Variations and Extra Claims.

Name of assignment or project: Various projects, Shoalhaven City Council

Year: 1995 To: 1996 Location: NSW, Australia Client: Shoalhaven City Council

Main project features: Construction Supervision, contract procurement and administration of roads (DBST & Asphalt), bridges, car parks, Water supply, Solid Waste Management sites, sewerage and drainage works Design of urban and rural drainage systems,

Position held: Municipal Engineer

Activities performed: Preparation of strategic plans for capital improvement preparation and revision of drainage standards. Construction of Page Avenue / Illaroo Road Rehabilitation and Drainage Improvement Scheme. Roadwork involved widening, DBST, LATMs (Local Area Traffic Management devices) and landscaping. Drainage component involved the laying of 3.2 km reinforced concrete pipes, drainage pits and outlet works. Construction of drainage facilities for Comarong Street, Greenwell Point. Design of a storm water pollution control system including Gross Pollutant Traps (GPT) and a system of Wetlands.

Name of assignment or project: Construction of Deniligin – Finnlay main road

Year: 1994 To: 1995 Location: NSW, Australia

Client: Booth Associates, Hay, NSW, Australia

Main project features: Construction Supervision of upgrading of 30 km long Deniliquin – Finlay main road. Project involved improvement of sub base and base at selected location, improving drainage, improving intersections.

Position held: Team Leader - Civil Engineering

Activities performed: Duties inclusive of Design, contract procurement and Construction Supervision of upgrading of 30 km long Deniliquin – Finlay main road. Project involved improvement of sub base and base at selected location, improving drainage, improving intersections. DBST and fencing at critical points to prevent stock (cattle) from coming to the Road. Managing data collection for Fitzroy City Council, Victoria for their Asset Management Program and Pavement Management System.

Name of assignment or project: Department of Works, Simbu Province

Year: 1991 **To:** 1993

Location: , Simbu Province, Papua New Guinea

Client: Department of Works

Main project features: Management of Road Construction and Maintenance and other Infrastructure facilities

Position held: Provincial Works Manager

Activities performed: Responsible for contract procurement for management of the province's capital works and maintenance programme for government asset. Duties inclusive of preparation of budgets, routine and specific maintenance programs and a five-year capital works program.

Acted as a representative of the Dept. Of works at forums of provincial Building Board, Provincial Land Council, Provincial Tender Board etc.,

Successfully implemented a \$ 10 million road construction project, involving procurement work rehabilitation and reconstruction of 101 km of the Highlands Highway, PNG's main arterial road. Work consisted of widening the road at selected locations, improving sub-base, laying a new base course at selected locations, Recycling and stabilizing the road base at some locations, DBST and road side

furniture Implemented a drainage improvement program (\$4 million) funded by international aid agencies for highways. Work was undertaken through International Contracts.

Name of assignment or project: Department of Works, West New Britain Province

Year: 1990 To: 1991

Location: West New Britain Province, Papua New Guinea

Client: Department of Works

Main project features: Maintenance of 1100 km of roads consisting of national highway, sub-division roads and rural roads Construction and maintenance of all roads, streets and other civil works in Kimbe township for WNBP Provincial Government through contractors.

Position held: Provincial Civil Engineer

Activities performed: Duties inclusive all pre-construction activities including designs, contract evaluation etc.; planning and implementing an asset maintenance program; designed and managed the construction of a section of Kimbe town main road (2 km length costing A\$ 1.8 million) involving earth works, sub base, base, two coat of seal (DBST) and underground drainage, All pre-construction activities including designs, contract evaluation etc. Planning and implementing an asset maintenance program. Supervised the major repairs to the fibre glass clear water tank which had failed and flushing of 4 tube wells under a major refurbishment program to rehabilitate a defunct water supply system, Designed and managed the construction of a section of Kimbe town main road (2 km length costing A\$ 1.8 million) involving earth works, sub base, base, two coat of seal (DBST) and underground drainage. Carried out remedial work worth \$A3.3 million on infrastructure damaged by floods.

Construction was undertaken by International Contractors under competitive Tendering.

Name of assignment or project: Designs Office, Rural Water Corporation

Year: 1989 **To:** 1990

Location: Armadale, Victoria, Australia **Client:** Rural Water Corporation

Main project features: 2106 mm diameter, 600 m long reinforced concrete inverted siphon structure

Position held: Designing Engineer

Activities performed: Responsible for designed a replacement structure for the Siphon No 11 on Main Northern Channel, Maffra with an innovative design for inlet and outlet structures reducing head loss. Duties inclusive of preparation of B.O.Qs and tender documents

Name of assignment or project: Rural Water Corporation

Year: 1988 **To:** 1989

Location: Goulburn Region, Tatura, Australia

Client: Rural Water Corporation

Main project features:

Position held: Engineer, Planning and Technical Services

Activities performed: Responsible for designed culvert and causeway crossings for several major and minor roads on Mosquito Drain Improvement Project. Duties inclusive of preparation of B.O.Qs and tender document and evaluation; assisted in preparing a register for Corporation's assets. Designed culverts and causeway crossings for several major and minor roads on Mosquito Drain Improvement Project, Assisted in preparing a register for Corporation's assets

Name of assignment or project: Runway Project, Sri Lanka Air Force Base, Anuradhapura

Year: 1987 To: 1988 Location: Sri Lanka Client: Ministry of Defence

Main project features: construction of a 1300 m long 45 m wide runway.

Position held: Project Manager

Activities performed: Responsible for management of all aspects of the project. This involved construction of a 1300 m long 45 m wide runway. Work consisted of earthworks, a natural gravel subbase, Crushed stone base, two coats of seal (DBST) and a layer of asphalt. Preparation of B.O.Qs and award of sub contract,

Name of assignment or project: Mahaweli Development Project

Year: 1984 To: 1987 Location: Sri Lanka

Client: Mahaweli Development Authority

Main project features:

Position held: Construction Engineer

Activities performed: Day to day management of construction work; Directing/supervising subcontractors; Liaison with the Engineer and client of matters relating to specifications and extra claims and Planning/programming construction work, Setting up and management of the Materials and Quality control section, Setting out and as completed surveys, Planning/programming construction work, Preparing work drawings, Directing/supervising subcontractors

Name of assignment or project: University of Melbourne

Year: 1981 **To:** 1984

Location: Melbourne, Australia **Client:** University of Melbourne

Main project features:

Position held: Postgraduate student in Civil Engineering

Activities performed:

The M.Eng. Sc. Degree course studies consisted of a 40% course work component and a 60% research component. Was also employed as a part-time tutor for engineering students in civil engineering subjects.

Name of assignment or project: Resources Development Consultants

Year: 1980 To: 1981 Location: Sri Lanka

Client: Resources Development Consultants

Main project features: Construction of a warehousing Complex in Adampan, Vavunia District under

British funding

Position held: Assistant Resident Engineer

Activities performed: Construction Supervision and Contract Administration

Name of assignment or project: Mahaweli Development Board

Year: 1978 To: 1980 Location: Sri Lanka

Client: Mahaweli Development Board

Main project features:

Position held: Project Engineer, Roads & Infrastructure

Activities performed: Construction Supervision of earthworks, concrete structures, road, 7 buildings, Project reports, estimates and contract documents, Hydraulic and structural analysis, flood estimation and

environmental effect assessment