

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 – Finlay 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 Deniligin – 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 Deniligin – 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 WNBPP 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 sub-base, 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