
S.M. CONSULTING ENGINEERS (PTY) LTD



***CONSULTANTS IN CIVIL & STRUCTURAL ENGINEERING,
PROJECT MANAGEMENT & ENVIRONMENTAL MANAGEMENT***

COMPANY PROFILE

'CELEBRATING 30 YEARS OF PROVISION OF ENGINEERING CONSULTING SERVICES'

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SM Consulting Engineers (Pty) Ltd.

1 Introduction

S. M. Consulting Engineers (SMCE) is a Lesotho company wholly owned, controlled and operated by Basotho which provides Consulting Engineering Services in Civil Engineering, Structural Engineering, Project Management and Environmental Management Services.



1.1 *Our Vision*

To become a leading national civil & structural engineering, project management and environmental consulting firm that is growing wings into the region.

1.2 *Our Mission*

To deliver outstanding client service;
To provide fulfilling careers and professional satisfaction for our people;
And to achieve financial success so that we can grow.

1.3 *Values*

We shall be accountable to public, responsive to the people we serve, and sensitive to the sustainability of our planet; demonstrating win-win approach in all business dealings

1.4 *Expertise*

We have been offering sustainable and innovative Engineering solutions, Environmental and Project Management Services for close to thirty years both locally and abroad. Our Organisation is particularly proud of the wealth of experience and expertise it offers to clients and our personnel in this field possess a combined experience of more than 80 years.

The company is active in the following areas:

- ☐ Civil and Structural Engineering, with emphasis on Roads, Transportation, Infrastructure Services (roads, water and sewerage),
- ☐ Environment (EIAs, ESIA's EMPs, Auditing and Monitoring)
- ☐ Buildings (Residential, industrial and commercial).
- ☐ Engineering Studies.

1.5 Standards and Quality

In pursuing our objectives we, however, are conscious of the need to avoid compromising or sacrificing those technological parameters which are crucial, essential and indispensable to achieving products that assure sustainability, economy and durability. Our organization therefore, subscribes to the following approach on project implementation:

- | | |
|---|--|
| ☐ Professional integrity | ☐ Implementation cost-effectiveness |
| ☐ Relevant Past experience | ☐ Completion within budget |
| ☐ Innovative conceptualisation | ☐ Quality assurance |
| ☐ Assured Service delivery | ☐ Guaranteed performance |



KINGDOM OF LESOTHO
THE COMPANIES ACT 2011

CERTIFICATE OF INCORPORATION

Reg Number. **I1994/19**
TIN Number. **100191-7**

I hereby certify that:

S.M. CONSULTING ENGINEERS (PTY) LTD

was incorporated under the Companies Act (Act No 25 of 1967) as a private company on **07 February 1994** and that the liability of the shareholders thereof is limited.

Re-registered: **under the Companies Act 2011 on 02 September 2014**



Registrar of Companies

25 October 2023

The validation code for this certificate is LESOTHO-89309473. To check the validity of this certificate, go to <http://www.companies.org.ls/lesotho-companies-br/service/create.html?service=verifyDocumentCode> and enter the validation code.



KINGDOM OF LESOTHO

BUSINESS IDENTITY CARD

BUSINESS LICENSING AND REGISTRATION ACT 2019

(Reg 20 (1))

Name of Company S.M. CONSULTING ENGINEERING (PTY) LTD

Business name S.M. CONSULTING ENGINEERING

Registration No **A2023/3771**

Registered office address NO.9 KOFI ANNAN ARRIVAL CENTRE

Main Business address NO.9 KOFI ANNAN ARRIVAL CENTRE

Other places of business NOT PROVIDED

Business activities

4100 Construction of buildings

4210 Construction of roads and railways

4220 Construction of utility projects

4290 Construction of other civil engineering projects

4312 Site preparation

4321 Electrical installation

4322 Plumbing, heat and air-conditioning installation

4329 Other construction installation

4330 Building completion and finishing



Registrar of Companies

2 Company Details

2.1 Registration

S.M. CONSULTING ENGINEERS (PTY) LTD. (SMCE), commenced operations in December 1992 and in 07 February 1994 was duly incorporated as a Private Company in Lesotho and as of latest registration date September 2014 remains **registered** as per the Companies Act of 2011. The Company possesses valid **Licence to Trade** issued under Business Licensing and Registration Act of 2019 of Lesotho.

In South Africa it periodically operated under its subsidiary **Closed Corporation** as Selatile Moloi Consulting Engineers CC duly registered in accordance with the Corporations Act of South Africa.

2.2 Location

Office

LOCATION	ADDRESS	RESPONSIBLE DIRECTOR
MASERU (LESOTHO)	09 Arrival Centre, Kofi Annan Road, Maseru 100 P.O. Box 7716, Maseru 100 TEL : (+266) 2231 5342 E-mail: smc@leo.co.ls	T. Moloi

2.3 Ownership and Management

The Corporation is owned, managed and operated by Basotho members.

2.3.1 SMCE Governance Structure

The SMCE Governance structure comprises of the following organs: Shareholders Meeting (ownership), The Board and Board Committees (Oversight), The Executive (Management).

Oversight Structure



2.3.2 SMCE Management

The Company Office is headed as per following table

Maseru. LESOTHO

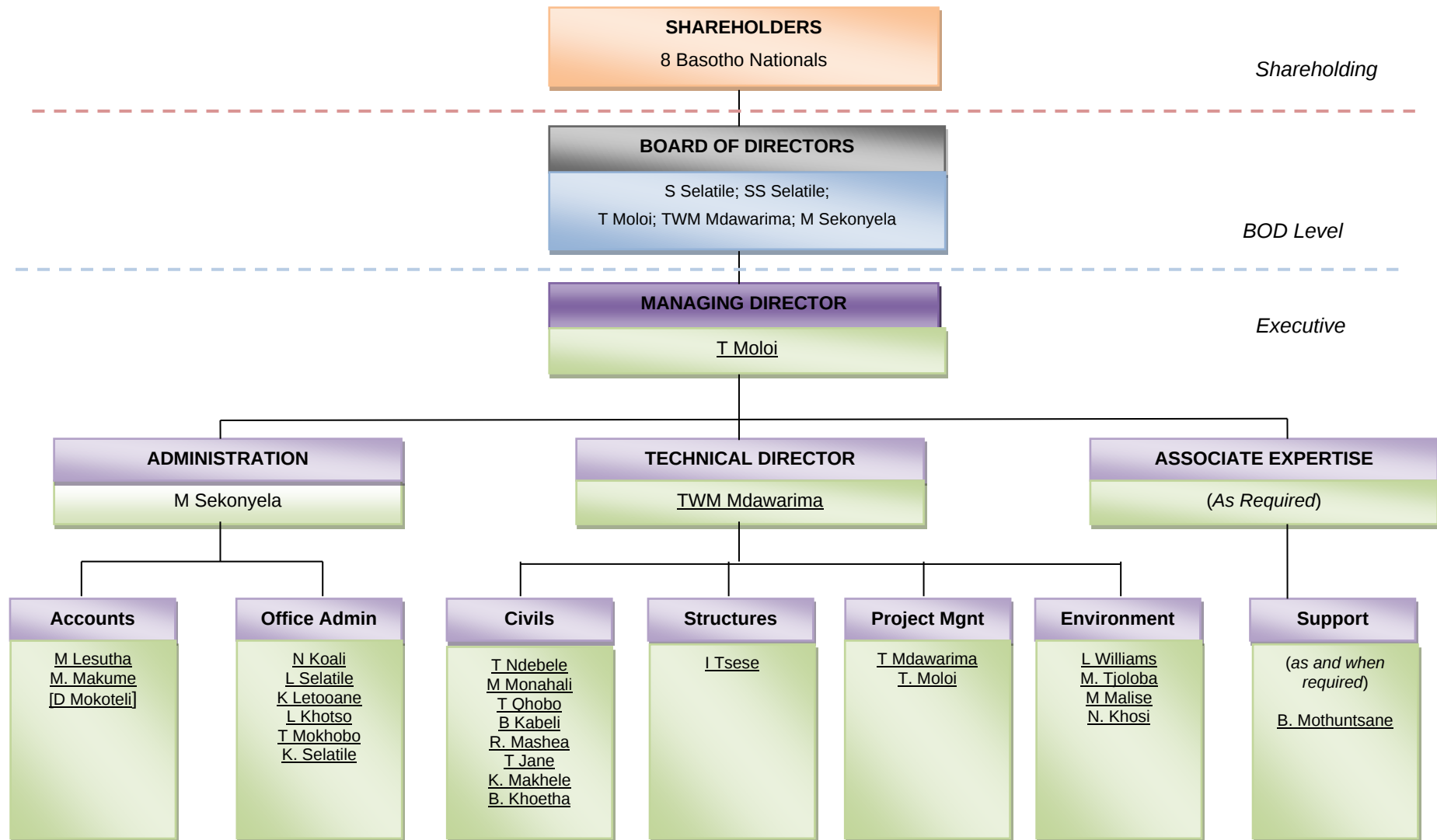
NAME	POSITION	QUALIFICATIONS	AREA OF SPECIALIZATION
T. Moloi	Managing Director	M,Sc. Highways.Eng, MSAICE	Project Management Civil / Structural Design Contract Administration

3 Organization Structure

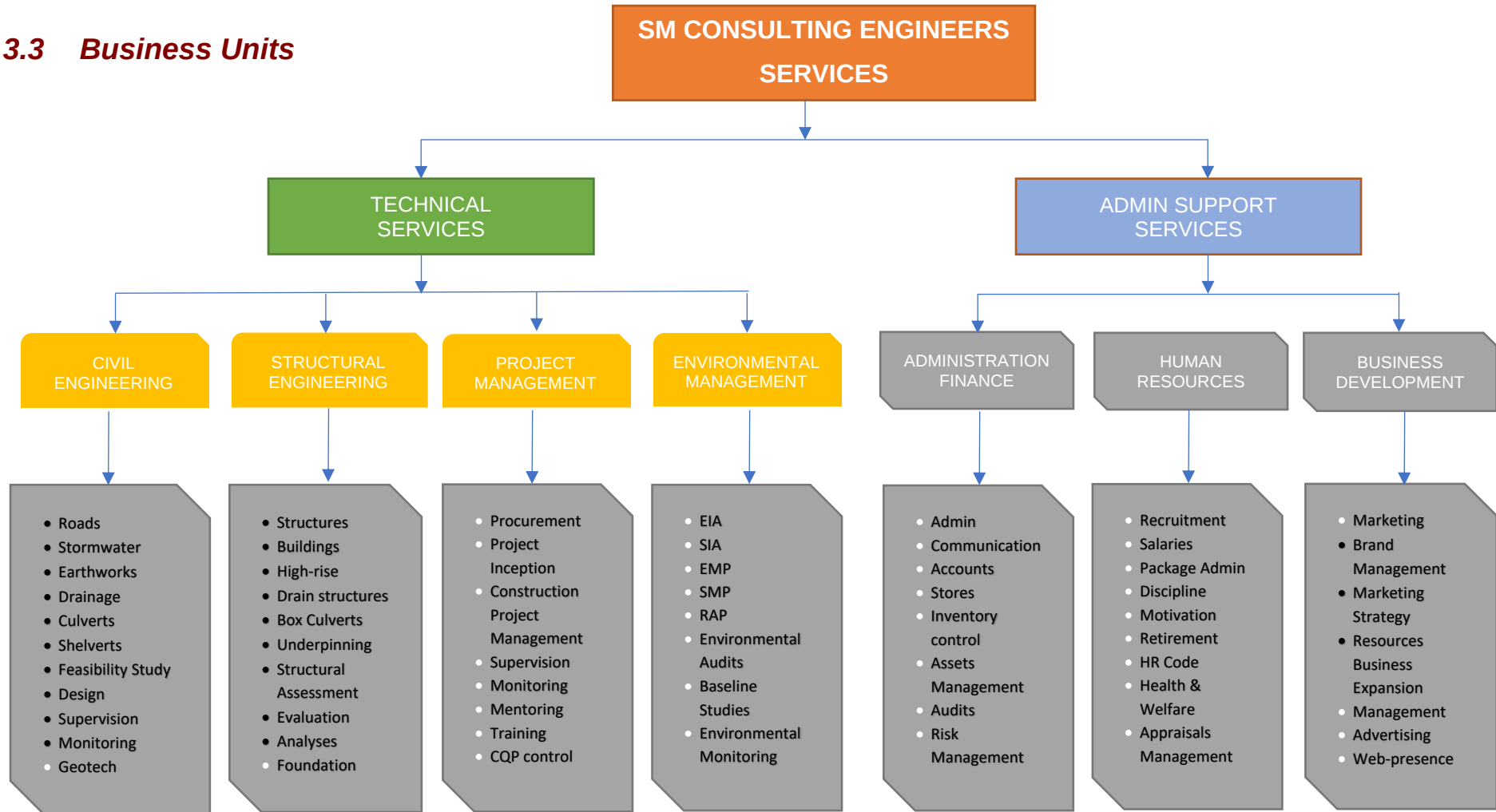
3.1 Summary of Company Details

1. ORGANISATION	SM CONSULTING ENGINEERS (PTY) LTD.		
2. TYPE OF ORGANISATION	Private Company		
3. YEAR ESTABLISHED	February 1994		
4. TYPE OF BUSINESS	Civil and Structural Engineering, Project Management Environmental Studies and Management.		
5. AREAS OF OPERATION	Road Design and Construction Supervision, Labour Intensive / Community-based Approaches, Structural Design and Supervision, Infrastructure Services Design and Construction Supervision (water, sanitation, roads, storm-water). Preparation of EIAs, ESIA's, EMPs, Auditing and Management.		
6. ORGANISATION CHART	See Next Page		
7. CURRENT STAFF	ENGINEERS		9
	Principals Engineers	2	
	Senior Engineers / Principal Technologists	2	
	Engineers / Senior Technologists	5	
	Technologists	0	
	ENVIRONMENTAL SCIENTISTS		4
	Principals	0	
	Environmental Scientists	4	
	TECHNICIANS		2
	Draughting	0	
	Civil & Structural	2	
	SUPPORT STAFF	8	8
	TOTAL		23

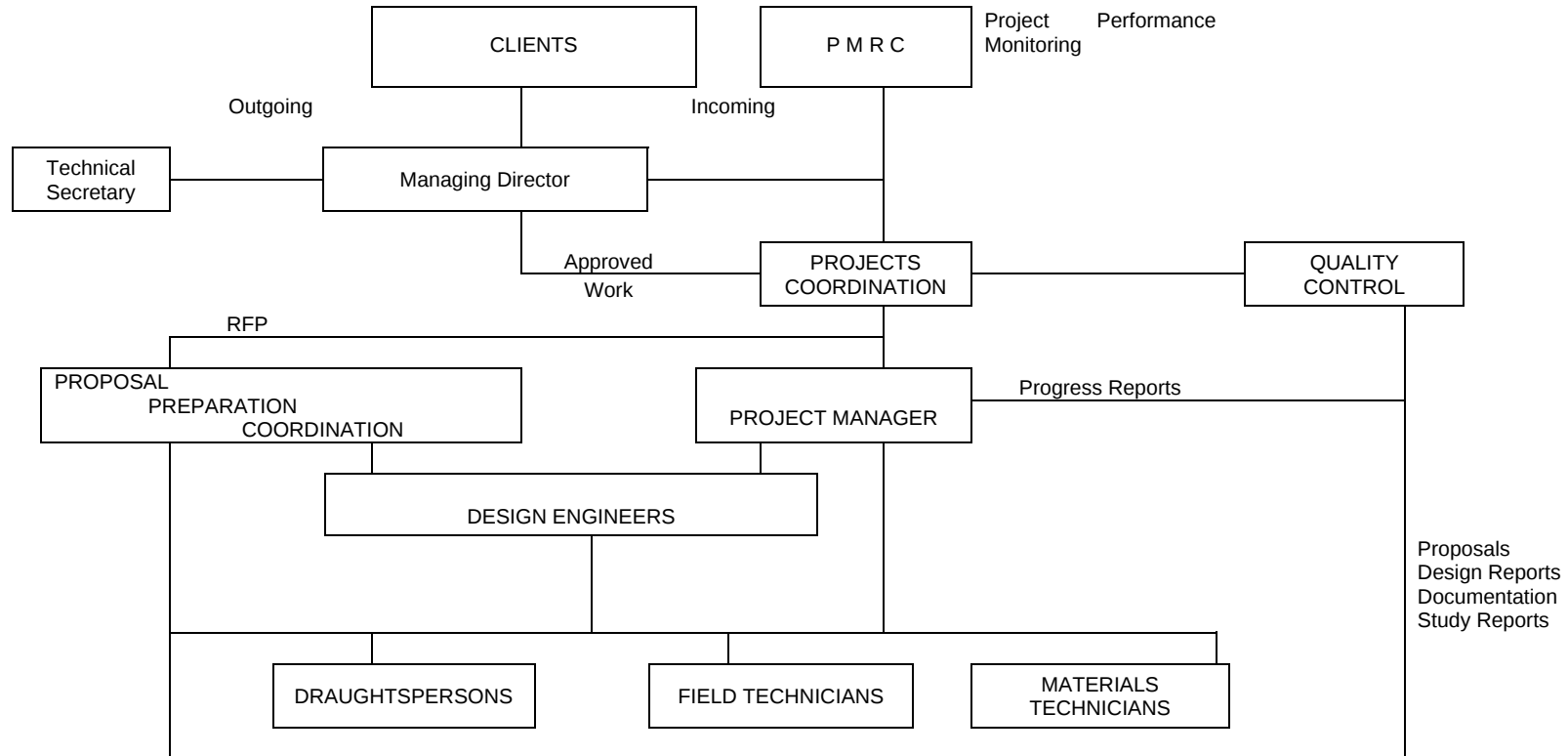
3.2 Company Organisational Chart



3.3 Business Units



3.4 In-House Quality Management / Monitoring



4 Services Offered/Key Personnel

4.1 Services

AREA	TYPE	SERVICES	KEY PERSONS
1.ROADS & STORMWATER DRAINAGE  <i>Roadworks at Thetsane West in Maseru</i>	Urban Streets; Urban Dual Carriageways Urban Interchanges Weighbridges Tollgates Rural roads Rural highways National Roads	Investigations Feasibility Studies Planning Studies Engineering Designs Contract Documentation Pre-Construction Services Post Construction Services Construction Supervision	T Moloi M Mashea T Mdawarima
2. BUILDINGS  <i>Structural Works at MGC HQ</i>	Residential <i>Single Storey</i> <i>Multi-Storey</i> Commercial <i>Single Storey</i> <i>Multi-Storey</i> Industrial <i>Light Industries</i> <i>Heavy Industries</i> Schools Hospitals	Structural Investigations Structural Design Construction Supervision	M Malunga I Tsele
3. LABOUR-BASED APPROACHES  <i>Road works in Thaba Nchu</i>	Roadworks Water Supply Sanitation Buildings Environmental Studies Roadworks	Planning Management Training Monitoring Evaluation	T Mdawarima [S Selatile] T Moloi

AREA	TYPE	SERVICES	KEY PERSONS
4. PROJECT MANAGEMENT & CONSTRUCTION  <i>Lowlands Project Management</i>	Roads, Water & Sanitation Civil Engineering Infrastructure Construction Buildings & Facilities Structural Engineering Infrastructure Construction	Project Scheduling Construction Monitoring Supervision Management Contract Admin Resident Engineer Inspector of Works Quality Assurance Safety & Environmental Monitoring	T Moloi T Mdawarima M Malunga R Mashea B Kabeli
5. ENVIRONMENTAL STUDIES  <i>Social Studies in Leribe</i>	Water Road sector Agricultural Sector Industrial Sector Mining	EIAs ESIA EMPs Audits Monitoring	L Williams M. Tjoloba M Phooko V Monyake L Mohaese <i>M Mhlanga R Sethathi T Mahlelebe M Chaka S. Molapo P Selialia N Monare</i>
6. GEOTECHNICAL ENGINEERING SERVICES  <i>Exploration of borrow area in Mafeteng</i>	Buildings Single Storey Multi-Storey Roads Pavement design	Geotechnical services: Soils properties for founding strata – bearing capacities Soils classification for roads construction Exploration of borrow areas	
7. WATER 	Water Reticulation Reservoir Tanks Bulk Services Pipe laying Water Treatment Works	Construction Supervision	T Mdawarima T Ndebele M Monahali T Qhobo L Williams M. Tjoloba M Phooko V Monyake L Mohaese T Jane M Mojakomo

8. SANITATION



Septic Tanks
Water-Borne
Sewerage systems
**Waste Water
Treatment Works**

Construction
Supervision

T Mdawarima

4.2 Personnel

The fulltime staff complement of the company is currently 23 of which 9 are qualified engineers, 4 are Environmentalists and 5 are qualified technicians. A broad categorisation of the in-house expertise is provided in the Company organisation as shown below.

Name of Candidate	Qualifications	Experience	Status
Project Managers / Project Engineers			
1.1 Tlhalefo MOLOI	MSc (Highways)	A well-rounded Engineer with vast experience (≥15years) in the geometric and pavement design as well as high rise cement concrete structures, quantity estimation, contract documentation, project management and control.	Managing Director
1.2 Tawanda MDAWARIMA	BE (Civil Eng.)	A competent Engineer with more than 30 years' civil engineering experience specializing in project management, contract administration & management.	Technical Director
Resident Engineers			
2.1 Refiloe MASHEA	B. Tech. (Civil)	An up and coming Engineering Technologist with an experience of having managed a US\$5million road project as the Resident Engineer	Senior Engineering Technologist
2.2 Temba QHOBQ (Mr)	B. Tech. (Civil)	An Engineering Technologist with vast experience (≥8years) in contract documentation, CAD operation, water and drainage design, quantity estimation and project monitoring and control.	Senior Engineering Technologist
2.3 Thembi NDEBELE (Ms)	B. Tech (Civil)	10 years of wide Civil Engineering Projects Execution Experience on Contract Administration, Project Management and Site Management.	Senior Engineering Technologist
2.4 Michael MONAHALI	B.Tech (Civil)	12 years of Civil Engineering Consulting Experience in Projects Supervision and General Construction monitoring.	Senior Engineering Technologist
Measurement Engineers			
3.1 Michael MONAHALI (Mr)	B.Tech (Civil)	12 years of Civil Engineering Consulting Experience in Projects Supervision and General Construction monitoring.	Senior Engineering Technologist
3.2 Thembi NDEBELE (Ms)	B. Tech (Civil)	10 years of wide Civil Engineering Projects Execution Experience on Contract Administration, Project Management and Site Management.	Senior Engineering Technologist
3.3 Baatile KABELI (Mr)	B. Tech (Civil)	10 years of wide Civil Engineering Projects Execution Experience on Contract Administration, Project Management and Site Management.	Senior Engineering Technologist
Geometric Designers			
4.1Tlhalefo MOLOI	MSc (Highways)	A well-rounded Engineer with vast experience (≥15years) in the geometric and pavement design as well as high rise cement concrete structures, quantity estimation, contract documentation, project management and control.	Managing Director
Environmentalists			
8.1 Mphoroane Malise (Ms)	Masters in Environmental Mgmt & Urban & Reginal Planning	An Environmentalist with more than 5 years of field experience in the preparation of the ESIA and the monitoring of compliance by the contractor with the EMP	Environmentalist
8.2 Lineo WILLIAMS (Ms)	MSc Botany	A seasoned Environmentalist with at least 5 years of post-qualification experience in the preparation of the ESIA and the monitoring of compliance by the contractor with the EMP	Environmentalist
8.3 Mabahlakoana TJOLOBA (Ms)	BSc Environmental Science	An up and coming Environmentalist with at least 5 years of post-qualification experience in the preparation of the ESIA and the monitoring of compliance by the contractor with the EMP	Environmentalist
Structural Designer / Draughting Office			
6.1Tlhalefo MOLOI	MSc (Highways)	A well-rounded Engineer with vast experience (≥15years) in the geometric and pavement design as well as high rise cement concrete structures, quantity estimation, contract documentation, project management and control.	Managing Director
10.2 Iketseng TSE'SE	MSc Engineering	Principal Engineer with more than 5 years of Civil Engineering Experience with Structural Analysis Capacity and Pavement Design passion	Principal Engineer
Topographic Surveyor			
11.1 Bophelo MOTHUNTSANE	Surveying	Highly experienced long serving Surveyor with local and international experience in both public and private sector. Currently with 20 years experience	Surveyor
Road Inspectors/Clerks of Works			
12.1 Tsepo JANE	National Diploma (Civil)	A qualified technician with a national Diploma in Civil Engineering with more than 10 years field experience in layer-works supervision and quality control	
12.1 Khoanyane Makhele	H National Diploma (Civil) Nd Civil Engineering	A qualified technician with a national Diploma in Civil Engineering with more than 10 years field experience in layer-works supervision and quality control	

5 Company Additional Resources

5.1 Additional Expertise

5.1.1 Specialist Services

The resources of the company are augmented, where dictated by the scope of work to be undertaken, services of specialist firms/companies in the following areas are outsourced:

- ☐ Economic Environmental and Social Surveys
- ☐ Laboratory Services (For Materials Testing)

5.1.2 Local Complementary Services

The company also maintains close links with other Basotho firms/companies offering expertise in different but related fields:

- ☐ Architecture
- ☐ Quantity Surveying,
- ☐ Electrical Engineering
- ☐ Mechanical Engineering
- ☐ Land Surveying
- ☐ ESIA and ARAP Specialists

This association enables the company to offer Clients, whenever necessary, a complete package of services encompassing diverse but specialised expertise.

5.1.3 International Collaborations

Where dictated by the project requirements, the company seeks or outsources additional expertise from international companies to best address the specific project requirements. The company has worked with the following international fraternity:

- ☐ HHO Africa - South Africa
- ☐ BKS - South Africa
- ☐ SSI - South Africa
- ☐ Roughton International - United Kingdom
- ☐ Louise Berger - USA
- ☐ PACE - Kuwait
- ☐ YAM - UAE
- ☐ NewTech - Sudan
- ☐ Zutari Lesotho

These associations enabled the company to grow bigger through technology transfer by means of working together, secondments, exchange of data, etc.

5.2 Office and Equipment

5.2.1 Offices

The company owns its own office premises at No. 9 Arrival Centre, Kofi Annan Road (Next to the Chinese Embassy). Our design office is equipped with the most up-to-date computer and software systems. The office works on locally configured network, making processing interchanging of data a very orderly and efficient function. The Company uses the latest version of a diversity of computer software for analysis, design and drafting as well as utility programmes.

5.2.2 Telecommunications

The office is equipped with a telephone number 2231-5342 (with extensions to all offices), E-mail: smc@leo.co.ls and website www.smcels.com

5.2.3 Office Equipment

The following equipment is currently owned by the Company:

□ Computers:

The hardware comprises 1 Desk top Computer, 23 Laptops, 1 Server, 3 Laser Printers and an image scanner, 1 overhead projection TV and 1 monitor. The software covers surveying, road design, structural design, and project planning (CIVIL DESIGNER, MICROSOFT PROJECT, BILLSOFT, PROKON, etc).

□ Photocopying, Printing, Binding facilities:

Nashua RICOH AFICIO MPC4502, copier-printer, Scanner, Lamirel binding machine.

□ Mapping and Drawings facilities comprise:

3 AO Plotters (HP DesignJet 450C and HP DesignJet 500), (HP Design Jet 500+GL2 CARD)



6 Contact Person

Managing Director, Mr. T Moloi
Telephone Number: Office +266 2231 5342

E-mail Address: smc@leo.co.ls / tmoloi@smce.co.ls

7 Company Registration

The Company was registered under the Company's Act in Lesotho in 1994, under the registration Number I1994/19.

The company is also registered and is a member of the following organisations:-

1. African Development Bank (ADB): Registration No. SF/8149/LSO, and
2. Southern African Road Federation (SARF)

8 Projects & Assignments

8.1 ON-GOING CURRENT PROJECTS

NAME OF PROJECT	PERIOD	SERVICES PROVIDED
Marakabei – Monontsha Road	Completing	Construction Supervision
Mohale Feeder Roads	On going	Contract Administration
St Michaels - Roma Road	On-going	Construction Supervision
Masianokeng – St Michaels Road	On going	Construction Supervision
Thaba Tseka – Taung – Mokhotlong Road	On going	Design & Tender
New Senate Building	Completing	Design, Contract Admin
Lepereng Radiotherapy Bulk Civil Works	Completing	Design, Contract Admin
Lesotho Lowlands Water Development Project	On going	Construction Supervision

8.1.1 Roads Directorate : Masianokeng - St Michael's Repairs/Reseal (Ph 1) 2022-10

Assignment Name: Masianokeng – St Michael's Repairs & Resealing Phase 1		Country: Lesotho
Location within Country: St Michael's		Professional Staff Provided by Your Firm/entity(profiles): 3 No.
Name of Client: Roads Directorate		Nº of Staff: 6
Address: The Director General, Roads Directorate, P. O. Box 194 Maseru 100, Lesotho		Nº of Staff -Months; duration of assignment: 10.75 man-months (Key staff)
Start Date (Month/Year): October 2022	Completion Date (Month/Year): On going	Approx. Value of Works & (Services) N/A (M 2 724 625,00)
Name of Associated Consultants, if any: Mafube Consulting		Nº of months of professional Staff Provided by Associated Consultants 4.75 man-months
Name of Senior Staff (Project Director / Coordinator, Team Leader) involved and functions performed: T. Moloi - Team Leader M. Williams Engineer T Mokaloba Materials Engineer M. Ntsihlele - Topographic Surveyor Dr. L. Khaba - Hydrologist /Drainage Engineer (Civils) J. Brink - Traffic Engineer N Monare - SHEQ manager - Environmentalist responsible for EIA documents N. Khosi Environmentalist responsible for Compliance Monitoring		
Narrative Description of Project: Contract for Consulting Services for the Preliminary and Detailed Engineering Pavement Investigation, Reseal Design Study and Environmental & Social Impact Assessment, Tender Documentation, Pre-Contract, Construction Supervision and Post Contract Services for Patches including Drainage Improvement on the A3 Road (Masianokeng to St Michael's) for the 12km of resealing road traversing through areas of St Michaels improving ridability and geometry for the road with chosen surfacing.		
Description of Actual Services Provided by Your Staff: Undertaking Environmental assessments. Preparing Preliminary Design Reports. Administering securing adequate road corridor via Relocation of Affected Persons. Assessing the Drainage of the whole road. Establishing Light Tower requirements, Preparing detailed Design of the Road, Tender Documentation,. Construction supervision of the Project and Administration of Relocations. Design of minor civil works and drainage structures		
		

8.1.2 Roads Directorate : St Michael's - Roma Rehabilitation (Ph 2) 2022-10

Assignment Name: St Michael's – Roma Rehabilitation		Country: Lesotho
Location within Country: St Michael's		Professional Staff Provided by Your Firm/entity(profiles): 3 No.
Name of Client: Roads Directorate		Nº of Staff: 6
Address: The Director General, Roads Directorate, P. O. Box 194 Maseru 100, Lesotho		Nº of Staff -Months; duration of assignment: 10.75 man-months (Key staff)
Start Date (Month/Year): October 2022	Completion Date (Month/Year): On going	Approx. Value of Works & (Services) N/A (M 2 724 625,00)
Name of Associated Consultants, if any: Mafube Consulting		Nº of months of professional Staff Provided by Associated Consultants 4.75 man-months
Name of Senior Staff (Project Director / Coordinator, Team Leader) involved and functions performed: T. Moloi Team Leader M. Williams Engineer T Mokaloba Materials Engineer M. Ntsihlele - Topographic Surveyor Dr. L. Khaba - Hydrologist /Drainage Engineer (Civils) N Monare - SHEQ manager - Environmentalist responsible for EIA documents N. Nkopo Environmentalist responsible for Compliance Monitoring		
Narrative Description of Project: Contract for Consulting Services for the Preliminary and Detailed Engineering Pavement Investigation, Rehabilitation Design Study and Environmental & Social Impact Assessment, Tender Documentation, Pre-Contract, Construction Supervision and Post Contract Services for the A5 Road (St Michael's to Roma) for the Rehabilitation and Upgrading of a 6km A class road		
Description of Actual Services Provided by Your Staff: Undertaking Environmental assessments. Preparing Preliminary Design Reports. Administering securing adequate road corridor via Relocation of Affected Persons. Assessing the Drainage of the whole road. Establishing Light Tower requirements, Preparing detailed Design of the Road, Tender Documentation,. Construction supervision of the Project and Administration of Relocations. Design of minor civil works and drainage structures		
		

8.1.3 Roads Directorate : Thaba Tseka – Taung – Mokhotlong Road 2023-11

Assignment Name: Thaba Tseka – Taung – Mokhotlong Road Upgrading		Country: Lesotho
Location within Country: Thaba Tseka and Mokhotlong Districts		Professional Staff Provided by Your Firm/entity(profiles): 4 No.
Name of Client: Roads Directorate		Nº of Staff: 10
Address: The Director General, Roads Directorate, P. O. Box 194 Maseru 100, Lesotho		Nº of Staff -Months; duration of assignment: 39 man-months (Key staff)
Start Date (Month/Year): December 2023	Completion Date (Month/Year): On going	Approx. Value of Works & (Services) N/A (M 11 925 371,55)
Name of Associated Consultants, if any: Nil		Nº of months of professional Staff Provided by Associated Consultants N/A
Name of Senior Staff (Project Director / Coordinator, Team Leader) involved and functions performed: T. Mdawarima- Team Leader M Williams Geometric / Highway Design Engineer P van Straten Geotechnical / Materials Engineer P. Selialia Drainage Engineer (Civils) Dr. L. Khaba Hydrologist Dr. H. Marx Structural / Bridge Engineer Dr. C. Krogscheepers Transport Economist J. Brink Traffic Engineer N Monare Environmental & Social Expert M. Chaka Assistant Environmentalist		
Narrative Description of Project: Contract for Consulting Services for the Preliminary and Detailed Engineering Pavement Investigation, Rehabilitation Design Study and Environmental & Social Impact Assessment, Tender Documentation for the A3 Road (Thaba Tseka – Taung – Mokhotlong) - Upgrading to Bitumen Standard All weather Road		
Description of Actual Services Provided by Your Staff: To update the existing economic feasibility, preliminary engineering designs, environmental impact assessment and socio-economic studies and to undertake the detailed engineering designs and preparation of tender documentation for the road section between Thaba Tseka – Taung and Mokhotlong Road connecting the two districts. To administer securing adequate road corridor via Relocation of Affected Persons. To assess the drainage of the whole road. To design two major bridges and large drainage structures and also minor drainage structures		
		

8.1.4 Building Design Services : Radiotherapy Facilities External Civil Works 2022-03

Assignment Name: Proposed New Radiotherapy Facility Bulk External Civil Works		Country: Lesotho
Location within Country: Lepereng Maseru		Professional Staff Provided by Your Firm/entity(profiles): 3 No.
Name of Client: BDS – Ministry of Health		Nº of Staff: 3
Address: Ministry of Public Works Building Design Services, P.O Box 330 Maseru 100		Nº of Staff -Months; duration of assignment: 18 man-months (Key staff)
Start Date (Month/Year): Oct 2019 + Mar 2022	Completion Date (Month/Year) Aug 2024	Approx. Value of Services: Fees / (Works) M2,559,497 (M53,585,265)
Name of Associated Consultants, if any: Internal (BDS)		Nº of months of professional Staff Provided by Associated Consultants
Name of Senior Staff (Project Director / Coordinator, Team Leader) involved and functions performed: M. Williams - Engineer – Lead Design, tender documentation and construction supervision P. Selialia - Resident Engineer for external works, construction supervision M. Chaka - Environmental Monitoring and OHS Compliance Monitoring		
Narrative Description of Project: Construction of terraced building platforms for facility, with associated retaining enviro walls plus 1km ring road with parking & drainage systems. Provision of bulk reticulation systems wrt sewerage & potable water plus 190 cu.m steel sectional tank for storage		
Description of Actual Services Provided by Your Staff: Design of various components of work, of Earthworks, Roadworks, Reticulation, preparation of Civilworks drawings, Preparation of tender Documentation, Evaluation process, construction supervision and management, Contract Administration, meetings, payments certification and technical input with environmental monitoring in place..		
		

8.1.5 Ministry of Water : Design Review of LLWDPII Works 2022-02

Assignment Name: The Design Review & Construction Supervision of the Lesotho Lowlands Water Development Project Phase II Works A Part		Country: Lesotho
Location within Country: Leribe (Zone 2, 3)		Professional Staff Provided by Your Firm/entity(profiles): 2 Key 1 Non Key.
Name of Client: Ministry of Water		Nº of Staff: 8 Key +28 Non-Key
Address: 2nd Floor Bokamoso Bldg Orpen Road, Maseru 100 Lesotho Tel: 2231 6854		Nº of Staff -Months; duration of assignment: 140 man-months (Key staff)
Start Date (Month/Year): Feb 2022	Completion Date (Month/Year): Sept 2025	Approx. Value of Services: Scope (Fees SMCE) M 1 554 509 585,80 (M11 350 801,40)
Name of Associated Consultants, if any: Zutari (Lesotho) Pvt Ltd		Nº of months of professional Staff Provided by Associated Consultants: 140 man-months
Name of Senior Staff (Project Director / Coordinator, Team Leader) involved and functions performed: T. Mdawarima - Deputy Team Leader Assist in local coordination V Monyake - Environmentalist Enviro-Social Safeguards Specialist T Hlabana- Social Scientist Assist in Social Safeguards L Mohaese Social Scientist Assist in Social Safeguards T Ndebele Assistant Resident Engineer W04 M. Monahali Assistant Resident Engineer W05 T Qhobo Assistant Resident Engineer W06 K. Makhele Inspector of Works W05 T Jane Inspector of Works W06 L. Williams Environmental Compliance Officer W03 M. Phooko Environmental Compliance Officer W04 M. Malise Environmental Compliance Officer W05 M. Tjoloba Environmental Compliance Officer W06		
Narrative Description of Project: Design review, Preparation of Requests for Proposals for the Design & Build Contract for Water Works, and Associated Works, Assistance in Tender Management of Water Infrastructure for Zones 2 & 3 (Hlotse & Maputsoe and selected villages along main pipeline route), Supervision of Construction Works across the 4 packages (W03-W06)		
Description of Actual Services Provided by Your Staff: Provision of Social safeguards inputs into the Design Reviews, Local team coordination, Client Communication, Site Assessments and Design Proposal feasibility check with appropriate records management. Attending regular bi-weekly technical and progress meetings and other safeguards meetings in between, 4 Construction Contracts Supervision on Time-based Contract		
		

8.1.6 Building Design Services : New Lesotho Senate Building 2022-02

Assignment Name: New Lesotho Senate Building		Country: Lesotho
Location within Country: Maseru		Professional Staff Provided by Your Firm/entity(profiles): 2 No.
Name of Client: BDS – Ministry of Home Affairs		Nº of Staff: 2
Address: Ministry of Public Works Building Design Services, P.O Box 330 Maseru 100		Nº of Staff -Months; duration of assignment: 24 man-months (Key staff)
Start Date (Month/Year): Feb 2012 + Feb 2022	Completion Date (Month/Year): Feb 2025 (Except Ext Wks)	Approx. Value of Services : Fees / (Works) M7,602,015 / (M209,000,000)
Name of Associated Consultants, if any: Internal (BDS)		Nº of months of professional Staff Provided by Associated Consultants
Name of Senior Staff (Project Director / Coordinator, Team Leader) involved and functions performed: M. Williams - Senior Structural Engineer – Lead design for complete concrete framed building, tender documentation and construction supervision T Mdawarima - Civil Engineer for external works, construction supervision		
Narrative Description of Project: Three storey building with combination of flat roof and pitched roof, 3 lifts, concrete fire escape stairs, double volume senate chamber with over 21m of clear span, and parking facilities and stormwater management		
Description of Actual Services Provided by Your Staff: Working in a team of architectural services, electrical & mechanical engineering services as well as quantity surveying, carried out the assessment of the founding ground conditions, designed a conceptual support system, deduced a suspended support mechanism for a loaded slab on 21m clear span above the chamber. Structural design elements included foundations, columns, slabs, beams, lift shafts and staircases. Moreover prepared bidding documents and carried out tender evaluation. Currently monitoring construction and supervising the Contractor .		
   		

8.1.7 LHDA : Mohale Feeder Roads 2021-05

Assignment Name: Mohale Feeder Roads Rehabilitation		Country: Lesotho
Location within Country: Mohale Dam		Professional Staff Provided by Your Firm/entity(profiles): 05 No.
Name of Client: Lesotho Highlands Development Authority (LHDA)		Nº of Staff: 10
Address: PO Box 7332, Kingsway Road, Maseru 100, Lesotho		Nº of Staff -Months; duration of assignment: 150 man-months (Key staff)
Start Date (Month/Year): May 2021	Completion Date (Month/Year): On going	Approx. Value of Contract (Services) M85 Million (M18.6 Million)
Name of Associated Consultants, if any: White Life Consultancy		Nº of months of professional Staff Provided by Associated Consultants 75 man-months
Name of Senior Staff (Project Director / Coordinator, Team Leader) involved and functions performed: M. Williams Project Manager – Coordinator R. Mashea Resident Engineer I Tsese Assistant Resident Engineer I Thatho Environmentalist Construction Compliance		
Narrative Description of Project: Rehabilitation of 84km of badly eroded gravel roads divided into two Packages for implementation, Works included also large drainage structure and erosion control mechanisms plus minor repairs on Bridges along the route. Slope failures were to be addressed and harnessed..		
Description of Actual Services Provided by Your Staff: Design and tender documentation, evaluation of tenders, negotiations for award, and construction supervision through daily supervision, Construction Project Management through monthly progress meetings, Monitoring and Control, assessment of works and certifying for payments. Ensuring Environmental Compliance, Quality Assurance, Programming Control.		
 		

8.1.8 Roads Directorate: Marakabei – Monontsha Class A Road 2019-03

Assignment Name: Construction of Marakabei – Mononts'a Class A Road		Country: Lesotho
Location within Country: Botha Bothe		Professional Staff Provided by Your Firm/entity(profiles): 10 No.
Name of Client: Roads Directorate		Nº of Staff: 12
Address: Roads Directorate, Ministry of Public Works & Transport, P. O. Box 194, Moshoeshoe Road, Maseru 100, Lesotho		Nº of Staff -Months; duration of assignment: 528 man-months (Key staff)
Start Date (Month/Year): March 2019	Completion Date (Month/Year): March 2025	Approx. Value of Services M1.1Billion (M41.7million)
Name of Associated Consultants, if any: Roughton International UK		Nº of months of professional Staff Provided by Associated Consultants 72 man-months
Name of Senior Staff (Project Director / Coordinator, Team Leader) involved and functions performed: T. Moloi - Project Engineer – M. Williams - Project Engineer – Coordinator R. Peete Resident Engineer M. Malunga Assistant /Resident Engineer T. Motalingoane Materials Technician M. Tjolopa Environmentalist Construction Compliance B. Kabeli Inspector of Works Z. Mabaso Materials Technician B. Mothuntsane Topographic Surveyor M. Thaele Inspector of Works L. Khetheng Inspector of Works K. Letooane Admin N Monare, V. Monyake, M.Chaka -SHEQ manager – Environmentalists		
Narrative Description of Project: Construction of a 60km class A road from Marakabei to Monontsa through design and build contract consisting of various drainage structures and erosion control mechanisms, 82m long dual carriageway bridge and Monontsa border facilities..		
Description of Actual Services Provided by Your Staff: Design and tender documentation, evaluation of tenders, negotiations for award, and construction supervision through daily supervision, Construction Project Management through monthly progress meetings, Monitoring and Control, assessment of works and certifying for payments. Ensuring Environmental Compliance, Quality Assurance, Programming Control.		
		

8.1.9 Maseru City Council : Tsosane - Sekamaneng Urban Road 2017-11

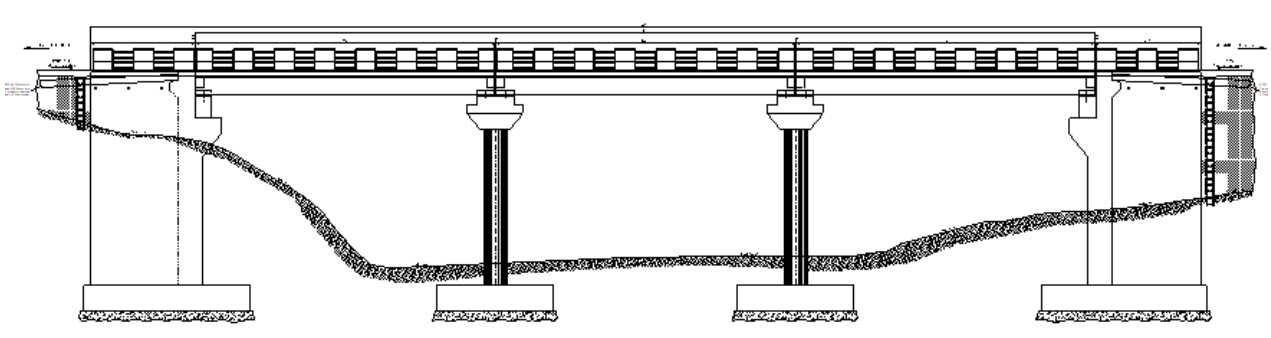
Assignment Name: Upgrading of Tsosane – Sekamaneng Urban Road		Country: Lesotho
Location within Country: Maseru		Professional Staff Provided by Your Firm/entity(profiles): 4 No.
Name of Client: Maseru City Council		Nº of Staff: 4
Address: Maseru City Council, P. O. Box 911, Maseru 100, Lesotho		Nº of Staff -Months; duration of assignment: 192 man-months (Key staff)
Start Date (Month/Year): November 2017	Completion Date (Month/Year): November 2021	Approx. Value of Works & (Services) M106,900,000 (M 4 833 551,20)
Name of Associated Consultants, if any: Transec Electrical Engineers		Nº of months of professional Staff Provided by Associated Consultants 30 man-months
Name of Senior Staff (Project Director / Coordinator, Team Leader) involved and functions performed: M. Williams - Senior Design Engineer – Internal Urban and access roads, tender documentation, evaluation & pre-construction services. Construction phase support T. Mdawarima - Project Engineer P. Selialia - Resident Engineer M.Chaka - Environmental & Social engagement specialist M. Thaele - Inspector of Works B. Khoetha - Assistant Resident Engineer (Civils) N Monare - SHEQ manager - Environmentalist responsible for environmental issues e.g EIA documents and Environmental Compliance Monitoring		
Narrative Description of Project: Upgrading of a 6km urban road traversing through densely populated areas of Tso'sane and Sekamaneng from a gravel access road to all weather road with chosen surfacing.		
Description of Actual Services Provided by Your Staff: Undertaking Feasibility Studies, ESIA, EMP ARAP Studies. Preparing Preliminary Design Reports. Preparing PAP and Administering securing adequate road corridor via Relocation of Affected Persons. Assessing the Drainage of the whole zone. Establishing Light Tower requirements, Preparing detailed Design of the Road, Tender Documentation,. Construction supervision of the Project and Administration of Relocations. Design of minor civil works and drainage structures		
		

8.2 CIVIL ENGINEERING SERVICES

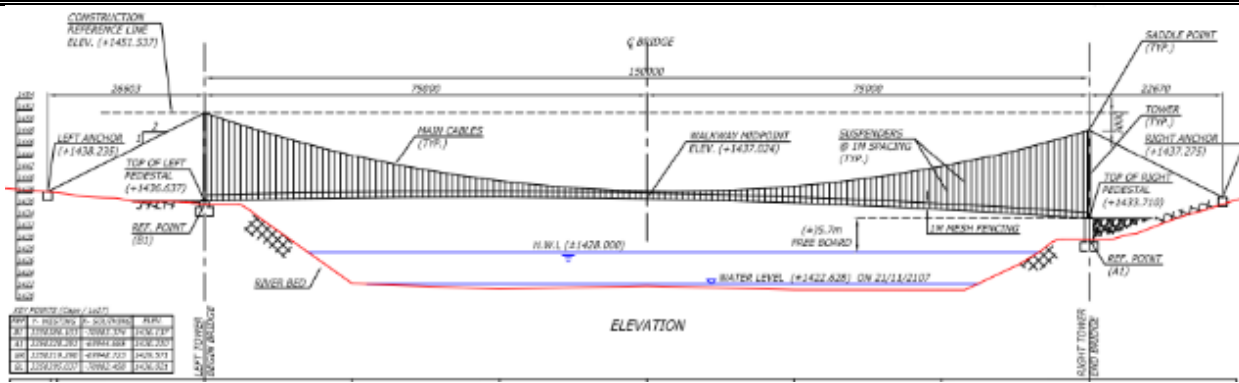
8.2.1 Roads Directorate : Maintenance of A2 Mafeteng – Mochales Hoek Road 2018-08

Assignment Name: Design Build Maintenance Repair of A2 Road from Mafeteng to Mochales Hoek		Country: Lesotho
Location within Country: Mafeteng to Mochales Hoek		Professional Staff Provided by Your Firm/entity(profiles): 4 No.
Name of Client: Roads Directorate		Nº of Staff: 4
Address: Roads Directorate, Ministry of Public Works & Transport, P. O. Box 194, Mochaleshoe Road, Maseru 100, Lesotho		Nº of Staff -Months; duration of assignment: 110 man-months (Key staff)
Start Date (Month/Year): August 2018	Completion Date (Month/Year): Nov 2020	Approx. Value of Works (and Services) M50,000,000 (M4,600,000)
Name of Associated Consultants, if any: Transec Consulting Engineers		Nº of months of professional Staff Provided by Associated Consultants 6 man-months
Name of Senior Staff (Project Director / Coordinator, Team Leader) involved and functions performed: M. Williams - Project Engineer / Senior Design Engineer – Roads, tender documentation, evaluation & pre-construction services. Construction phase support R. Mashea - Resident Engineer B. Khoetha - Assistant Resident Engineer M.Chaka - Environmental & Social engagement specialist		
Narrative Description of Project: Reconstruction of 1.5km of town road in Mafeteng and Repair, Maintenance of 47km Road (A2) from within Mafeteng Town towards Mochales Hoek...		
Description of Actual Services Provided by Your Staff: Conduct Road Condition Survey, Prepare Scoping Report, Undertake Design of Identified Defective Segments and agree intervention Strategy. Works included full rehabilitation of first 1.5km from Mafeteng and introduction of channelized intersections in Mochales'Hoek. Provide Priced Bill and Preparation of Specifications, Monitor and Control works during Construction Period and prepare and submit Payment Certificates		
		

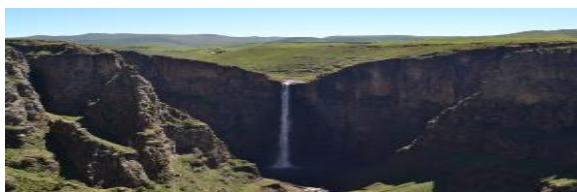
8.2.2 Roads Directorate : Mesitsaneng – Makhesuoeng – Ha Tsepo Roads 2014-10

Assignment Name: Feasibility Study for Mesitsaneng – Ha Tsepo Road		Country: Lesotho
Location within Country: Mohale's Hoek		Professional Staff Provided by Your Firm/entity(profiles): 4 No.
Name of Client: Ministry of Public Works		Nº of Staff: 7
Address: Roads Directorate P O Box 49 Maseru 100 Lesotho		Nº of Staff -Months; duration of assignment: 12 man-months (Key staff)
Start Date (Month/Year): October 2014	Completion Date (Month/Year): June 2015	Approx. Value of Services M2 600 000.00
Name of Associated Consultants, if any: Geotechnical Investigations firm Topographic surveying firm		Nº of months of professional Staff Provided by Associated Consultants 3 man-months
Name of Senior Staff (Project Director / Coordinator, Team Leader) involved and functions performed: M. Williams - Senior Design Engineer –access roads, tender documentation, M.Chaka - Environmental & Social engagement specialist N Monare - SHEQ manager - Environmentalist responsible for environmental issues e.g EIA documents and Environmental Compliance Monitoring M Mhlanga - Socio Economic Specialist		
Narrative Description of Project: Economic feasibility study, Social and Environmental Impact Assessment study, and Preliminary Design for Mesitsaneng - Maphutseng-Makhesuoeng 40km Road, with two Major bridges		
Description of Actual Services Provided by Your Staff: Road Corridor socio economic conditions, Financial and economic evaluation, Preparation of the SHEQ Framework, Inspection & Test Plan, Baseline Risk Assessment, Quality Management Plan, Quality Control Plan, Incident Management Procedures and the Environment and Social Management Plan. Preparation of Health and Safety Specifications. Draft road geometry and pavement design including two bridges.		
		

8.2.3 LHDA Senqu Footbridge 2017-08

Assignment Name: Senqu Footbridge		Country: Lesotho																																																																		
Location within Country: Quthing		Professional Staff Provided by Your Firm/entity(profiles): 3 No.																																																																		
Name of Client: Lesotho Highlands Development Authority		Nº of Staff: 6																																																																		
Address: Roads Directorate P. O. Box 94 Maseru 100 Lesotho		Nº of Staff -Months; duration of assignment: 12 man-months (Key staff)																																																																		
Start Date (Month/Year): August 2017	Completion Date (Month/Year): May 2018	Approx. Value of Services USD198,000																																																																		
Name of Associated Consultants, if any: Newtech (Sudan)		Nº of months of professional Staff Provided by Associated Consultants 5 man-months																																																																		
Name of Senior Staff (Project Director / Coordinator, Team Leader) involved and functions performed: M. Williams - Senior Design Engineer –access roads, tender documentation, M.Chaka - Environmental & Social engagement specialist N Monare - SHEQ manager - Environmentalist responsible for environmental issues e.g EIA documents and Environmental Compliance Monitoring																																																																				
Narrative Description of Project: Design for the 120 – 140m suspended footbridge over the Senqu river linking Mohale's Hoek (Shalane village) with Quthing (Ha Potomane village), construction of access roads through fields and residential areas, site specific Environmental and Social Impact Assessment.																																																																				
Description of Actual Services Provided by Your Staff: Preparation of the SHEQ Framework, Inspection & Test Plan, Baseline Risk Assessment, Quality Management Plan, Quality Control Plan, Incident Management Procedures and the Environment and Social Management Plan. Preparation of Health and Safety Specifications. Tender documentation for both civil and environmental compliance in accordance with the world bank requirements.																																																																				
 The drawing is a technical elevation of a suspended footbridge. It shows two main spans of 75m and 120m, separated by a central pier. The bridge is supported by two towers and has a saddle point at the top of the central pier. The drawing includes various labels for structural components like main cables, hangers, and anchors. It also shows the river bed, water level, and surrounding terrain. A table of data is provided at the bottom left of the drawing. <table border="1"> <thead> <tr> <th>ITEM</th> <th>DESCRIPTION</th> <th>QUANTITY</th> <th>UNIT</th> <th>PRICE</th> <th>TOTAL</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>STEEL PLATE</td> <td>100</td> <td>M²</td> <td>100</td> <td>10000</td> </tr> <tr> <td>2</td> <td>STEEL PLATE</td> <td>200</td> <td>M²</td> <td>200</td> <td>20000</td> </tr> <tr> <td>3</td> <td>STEEL PLATE</td> <td>300</td> <td>M²</td> <td>300</td> <td>30000</td> </tr> <tr> <td>4</td> <td>STEEL PLATE</td> <td>400</td> <td>M²</td> <td>400</td> <td>40000</td> </tr> <tr> <td>5</td> <td>STEEL PLATE</td> <td>500</td> <td>M²</td> <td>500</td> <td>50000</td> </tr> <tr> <td>6</td> <td>STEEL PLATE</td> <td>600</td> <td>M²</td> <td>600</td> <td>60000</td> </tr> <tr> <td>7</td> <td>STEEL PLATE</td> <td>700</td> <td>M²</td> <td>700</td> <td>70000</td> </tr> <tr> <td>8</td> <td>STEEL PLATE</td> <td>800</td> <td>M²</td> <td>800</td> <td>80000</td> </tr> <tr> <td>9</td> <td>STEEL PLATE</td> <td>900</td> <td>M²</td> <td>900</td> <td>90000</td> </tr> <tr> <td>10</td> <td>STEEL PLATE</td> <td>1000</td> <td>M²</td> <td>1000</td> <td>100000</td> </tr> </tbody> </table>			ITEM	DESCRIPTION	QUANTITY	UNIT	PRICE	TOTAL	1	STEEL PLATE	100	M ²	100	10000	2	STEEL PLATE	200	M ²	200	20000	3	STEEL PLATE	300	M ²	300	30000	4	STEEL PLATE	400	M ²	400	40000	5	STEEL PLATE	500	M ²	500	50000	6	STEEL PLATE	600	M ²	600	60000	7	STEEL PLATE	700	M ²	700	70000	8	STEEL PLATE	800	M ²	800	80000	9	STEEL PLATE	900	M ²	900	90000	10	STEEL PLATE	1000	M ²	1000	100000
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8.2.4 LTDC Semonkong Visitor Centre 2017-08

Assignment Name: Semonkong Visitor Comfort Facility		Country: Lesotho
Location within Country: Maletsunyane Fall		Professional Staff Provided by Your Firm/entity(profiles): 3 No.
Name of Client: Ministry of Tourism		Nº of Staff: 3
Address: Lesotho Tourism Development Corporation P.O. Box 1378 Maseru 100 Lesotho		Nº of Staff -Months; duration of assignment: 12 man-months (Key staff)
Start Date (Month/Year): August 2017	Completion (Month/Year): Dec 2020	Approx. Value of Services M4,350,000
Name of Associated Consultants, if any: Architect, Electrical Engineers, Quantity Surveyors		Nº of months of professional Staff Provided by Associated Consultants 18 man-months
Name of Senior Staff (Project Director / Coordinator, Team Leader) involved and functions performed: M. Williams - Senior Design Engineer –Structural Design of the two storey building, M.Chaka - Environmental & Social engagement specialist N Monare - SHEQ manager - Environmentalist responsible for environmental issues e.g EIA documents and Environmental Compliance Monitoring		
Narrative Description of Project: Project includes construction of two storey building to house museum, offices cafes and recreational spaces for tourists. Assignment included structural design of the building facilities, development of the Social and Environmental Impact Assessment Study; conduction of the public participation processes with the affected communities and participation in the performance of the social and Environmental Impact assessment.		
Description of Actual Services Provided by Your Staff: Civil/Structural: Geotechnical investigations report review, structural design of the buildings foundations, building frame work and steel roof structures for the notorious Semonkong area of strong winds in excess of 50km/hr (Lesotho wind design standard), and supervision thereof. Environmental: Preparation of the SHEQ Framework, Inspection & Test Plan, Baseline Risk Assessment, Quality Management Plan, Quality Control Plan, Incident Management Procedures and the Environment and Social Management Plan. Preparation of Health and Safety Specifications. Tender documentation for both civil and environmental compliance in accordance with the world bank requirements.		
  		

8.2.5 Maseru City Council : Upgrading Mohale's Hoek Urban Roads 2014-07

Assignment Name: Upgrading of Urban Roads at Mohale's Hoek		Country: Lesotho
Location within Country: Mohale's Hoek		Professional Staff Provided by Your Firm/entity(profiles): 4 No.
Name of Client: Ministry of Local Government		Nº of Staff: 4
Address: Maseru City Council, P O Box 686, Maseru 100, Lesotho, Tel: 22323416		Nº of Staff -Months; duration of assignment: 25 man-months (Key staff)
Start Date (Month/Year): July 2014	Completion Date (Month/Year): March 2016	Approx. Value of Services M4,000,000.00 (M92,000,000.00)
Name of Associated Consultants, if any: Translec Consulting Engineers		Nº of months of professional Staff Provided by Associated Consultants 5 man-months
Name of Senior Staff (Project Director / Coordinator, Team Leader) involved and functions performed: M Williams - Project Manager R Mashea - Resident Engineer I. Thatho - Environmental Monitor M. Tsele & K. Moiketse - Inspector of Works		
Narrative Description of Project: Upgrading of Urban roads at Mohale's Hoek within the area of Mohale's Hoek District, provision of paved pedestrian walkways, lined side drains, protection works and limited provision of street lighting at strategic locations to minimise the hazard. Total road length 12km		
Description of Actual Services Provided by Your Staff: Construction supervision, measurement of work done to certify claims, issue site instructions, project management through progress meetings, checking for EMP compliance. Also responsible for producing as-built drawings		
		

8.2.6 Maseru City Council : Upgrading Mohale's Hoek Urban Roads Phase 1 2014-05

Assignment Name: Upgrading of Mohale's Hoek Urban Roads		Country: Lesotho
Location within Country: Mohale's Hoek		Professional Staff Provided by Your Firm/entity(profiles): 5 No.
Name of Client: Ministry of Local Government		Nº of Staff: 5
Address: Maseru City Council, P. O. Box 686, Maseru 100, Lesotho		Nº of Staff -Months; duration of assignment: 144 man-months (Key staff)
Start Date (Month/Year): May 14 2014	Completion Date (Month/Year): 31 March 2017	Approx. Value of Works & (Services) M92,793,978 (M 5 720 708.88 – 8 311 186.51)
Name of Associated Consultants, if any: Transelec Electrical Engineers		Nº of months of professional Staff Provided by Associated Consultants 1 man-month
Name of Senior Staff (Project Director / Coordinator, Team Leader) involved and functions performed: M. Williams - Senior Design Engineer – Internal Urban and access roads, tender documentation, evaluation & pre-construction services. Construction phase support R. Mashea - Project Engineer P Selialia - Hydrologist I.Tsese - Inspector of Works M.Chaka - Environmental & Social engagement Monitor M. Khajoane - Inspector of Works		
Narrative Description of Project: Upgrading to bitumen standard of Urban roads traversing the Mohale's Hoek town and its surrounds to join the roads network upgraded under Phase 1, including stormwater drainage system and high mast lighting..		
Description of Actual Services Provided by Your Staff: Undertaking ESIA, EMP, ARAP Studies. Preparing Preliminary Design Reports, detailed designs and tender documents for the procurement of contractors. Evaluated tenders and negotiated with preferred bidder and carried out construction supervision of the asphalt surfaced roads. Project administration included monthly progress meetings, day to day supervision, issuing of instructions, measurement of work done for certification purposes		
		

8.2.7 Ministry of Public Works : Maseru CBD & Mafeteng Roads 2013-11

Assignment Name: Assistance with Tendering Process & Supervision of Pavement Strengthening Works for Selected Paved Roads		Country: Lesotho
Location within Country: Various Locations in Maseru CBD and Mafeteng District		Professional Staff Provided by Your Firm/entity(profiles): 4 No.
Name of Client: Ministry of Public Works and Transport		Nº of Staff: 6
Address: P O Box 49 Maseru 100 Lesotho Tel: 22324191		Nº of Staff -Months; duration of assignment: 25 man-months (Key staff)
Start Date (Month/Year): November 2013	Completion Date (Month/Year): October 2015	Approx. Value of Services M9,000,000.00 (M89,000,000.00)
Name of Associated Consultants, if any: Translec Consulting Engineers		Nº of months of professional Staff Provided by Associated Consultants 8 man-months
Name of Senior Staff (Project Director / Coordinator, Team Leader) involved and functions performed: S.S. Selatile - Project Manager T. Lebajoa - Resident Engineer T.J.Pholoana - Assistant Resident Engineer I. Thatho - Environmentalist responsible for environmental issues e.g EIA documents and Environmental Compliance Monitoring M. Thaele - Inspector of Works K. Motobei - Inspector of Works T. Motalingoane - Inspector of Works		
Narrative Description of Project: Rehabilitation of two Urban roads within the Maseru CBD and the B25 and B251 in the Mafeteng District, provision of paved pedestrian walkways, lined side drains, protection works and no limited to the provision of street lighting to minimise the hazard.		
Description of Actual Services Provided by Your Staff: Construction supervision, measurements and certifying of contractor's claims, design modifications where necessary		



8.2.8 Maseru City Council : Upgrading Matala Ph II Urban Roads 2013-02

Assignment Name: Upgrading of Matala Phase II Urban Roads		Country: Lesotho
Location within Country: Maseru		Professional Staff Provided by Your Firm/entity(profiles): 5 No.
Name of Client: Maseru City Council		Nº of Staff: 5
Address: Maseru City Council, P. O. Box 911, Maseru 100, Lesotho		Nº of Staff -Months; duration of assignment: 80 man-months (Key staff)
Start Date (Month/Year): February 2013	Completion Date (Month/Year): January 2015	Approx. Value of Works & (Services) M103,900,000 (M 5 249 466.87)
Name of Associated Consultants, if any: Transec Electrical Engineers		Nº of months of professional Staff Provided by Associated Consultants 2 man-months
Name of Senior Staff (Project Director / Coordinator, Team Leader) involved and functions performed: M. Williams - Senior Design Engineer – Geometric and pavement design of roads, tender documentation, evaluation & pre-construction services. Construction phase support T. Mofolo Resident Engineer P. Selialia - Hydrologist at design/Assistant Resident Engineer at construction M.Chaka - Environmental & Social engagement specialist M. Thaele - Inspector of Works B. Khoetha - Assistant Resident Engineer (Civils)		
Narrative Description of Project: Upgrading of 18km of urban roads network to all weather surface throughout Matala Phase II area,, including street lighting and stormwater drainage.		
Description of Actual Services Provided by Your Staff: Undertaking Feasibility Studies, ESIA, EMP, preliminary to detailed design for road surfacing encompassing asphalt and concrete block paving, tender documentation and evaluation of tenders. Construction supervision and administration of the works through day to day monitoring as well as monthly progress meetings. Monitoring included checking adherence to the approved specifications and compliance to the EMP. Produced completion reports and as-built drawings at the end of the construction contract.		
 		

8.2.9 Ministry of Local Government : Thetsane West Roads Network Project 2011-04

Assignment Name: Construction of Thetsane West Roads Network		Country: Lesotho
Location within Country: Maseru District		Professional Staff Provided by Your Firm/entity(profiles): 4 No.
Name of Client: Ministry of Local Government Maseru City Council		Nº of Staff: 3 (design) 1 (Environment)
Address: P O Box 194 Maseru 100 Lesotho Tel: 22324191		Nº of Staff -Months; duration of assignment: 25 man-months (Key staff)
Start Date (Month/Year): April 2011	Completion Date (Month/Year): August 2012	Approx. Value of Services M3,400,000 (M77,000,000)
Name of Associated Consultants, if any: MATLAB Materials Testing MNS Land Surveyors Transelec Consulting Engineers		Nº of months of professional Staff Provided by Associated Consultants. 4 man-months
Name of Senior Staff (Project Director / Coordinator, Team Leader) involved and functions performed: M. Williams - Project Manager T. Mofolo - Resident Engineer V. Mavuso - Environmentalist responsible for environmental issues e.g EIA documents and Environmental Compliance Monitoring T.Motalingoae - Inspector of works		
Narrative Description of Project: Construction of Urban roads to bituminous standard. Geotechnical Investigation, Centreline investigation and report, provision of paved pedestrian walkways, lined side drains and provision of street lighting.		
Description of Actual Services Provided by Your Staff: Project Management, Geotechnical Investigations, Road prism centreline investigation, preliminary and detail design, preparation of bidding documents and evaluation of tenders and construction supervision and preparation of EIA and environmental monitoring during construction.		
 		

8.2.10 Ministry of Local Government : Fargothy-Moshoeshoe II Road Network 2010-11

Assignment Name: Upgrading of Fargothy – Moshoeshoe II Road networks and Reinforcement for Mpilo Boulevard		Country: Lesotho
Location within Country: Maseru District		Professional Staff Provided by Your Firm/entity(profiles): 4 No.
Name of Client: Ministry of Local Government Maseru City Council		Nº of Staff: 3 1 (Environment)
Address: P O Box 686 Maseru 100 Lesotho Tel: 22310273		Nº of Staff -Months; duration of assignment: 24 man-months (Key staff)
Start Date (Month/Year): November 2010	Completion Date (Month/Year): 30-April 2011	Approx. Value of Services M1,151,115 (M35,729,796)
Name of Associated Consultants, if any: GEL(Materials Testing) MNS Land Surveyors Transelec Consulting Engineers		Nº of months of professional Staff Provided by Associated Consultants 5 man-months
Name of Senior Staff (Project Director / Coordinator, Team Leader) involved and functions performed: A. Lehobo - Project Manager T. Kanda - Senior Design Engineer/RE V Mavuso - Environmentalist responsible for environmental issues e.g EIA documents and Environmental Compliance Monitoring L. Monethi - Inspector of works		
Narrative Description of Project: Construction of Urban roads to bitumen standard, Geotechnical Investigation, Centreline investigation and report, provision of paved pedestrian walkways, lined side drains, provision of street lighting and earth reinforcement for Mpilo Boulevard.		
Description of Actual Services Provided by Your Staff: Project Management, Geotechnical Investigations and the identification of borrow pits locations, Road prism centreline investigation, preliminary and detail design, preparation of bidding documents and evaluation of tenders and construction supervision and preparation of EIA and environmental monitoring during construction.		
		

8.2.11 Ministry of Public Works : Mapholaneng – Mokhotlong Road 37km 2010 08

Assignment Name: Design & Supervision of Bitumen Resealing Works for the Mapholaneng – Mokhotlong Road (37km)		Country: Lesotho
Location within Country: Mokhotlong District		Professional Staff Provided by Your Firm/entity(profiles): 5 No.
Name of Client: Ministry of Public Works and Transport		Nº of Staff: 6
Address: P O Box 49 Maseru 100 Lesotho Tel: 22324191 (Mr. P Mota)		Nº of Staff -Months; duration of assignment: 5 man-months (Key staff)
Start Date (Month/Year): April 2010	Completion Date (Month/Year): August 2010	Approx. Value of Services M900,000 (M28,000,000)
Name of Associated Consultants, if any:		Nº of months of professional Staff Provided by Associated Consultants
Name of Senior Staff (Project Director / Coordinator, Team Leader) involved and functions performed: A T Lehobo - Project Manager M. Williams - Senior Design Engineer S Tlale - Environmentalist responsible for environmental issues e.g EIA documents and Environmental Compliance Monitoring T Mdawarima - Resident Engineer T Mokaloba - Materials Engineer		
Narrative Description of Project: Pavement rehabilitation through pothole patching and cold-in situ recycling and cape seal overlying. Also reinstatement of drainage system		
Description of Actual Services Provided by Your Staff: Traffic counts to establish ideal pavement structure vs actual structure, Materials testing, determination of residual life of pavement, determination of appropriate resurfacing and supervision of the construction works (Contract was awarded to Rumdel Construction)		
 		

8.2.12 Ministry of Local Government : Mabote Urban Roads Project 2010-05

Assignment Name: Construction of urban roads and drainage at Mabote		Country: Lesotho
Location within Country: Maseru District		Professional Staff Provided by Your Firm/entity(profiles): 4 No.
Name of Client: Ministry of Local Government Maseru City Council		Nº of Staff: 3 (design) 1 (Environment)
Address: P O Box 194 Maseru 100 Lesotho Tel: 22324191		Nº of Staff -Months; duration of assignment: 15 man-months (Key staff)
Start Date (Month/Year): May 2010	Completion Date (Month/Year): October 2012	Approx. Value of Services M5,400,000 (M99,000,000)
Name of Associated Consultants, if any: MATLAB Materials Testing MNS Land Surveyors Transelec Consulting Engineers		Nº of months of professional Staff Provided by Associated Consultants 5 man-months
Name of Senior Staff (Project Director / Coordinator, Team Leader) involved and functions performed: S. Selatile - Project Manager M. Williams - Senior Design Engineer V Mavuso - Environmentalist responsible for environmental issues e.g EIA documents and Environmental Compliance Monitoring P. Selialia - Resident Engineer M. Thaele - Inspector of Works		
Narrative Description of Project: Construction of Urban roads to bitumen standard, Geotechnical Investigation, Centreline investigation and report, provision of paved pedestrian walkways, lined side drains and provision of street lighting.		
Description of Actual Services Provided by Your Staff: Project Management, Geotechnical Investigations and the identification of borrow pits locations, Road prism centreline investigation, preliminary and detail design, preparation of bidding documents and evaluation of tenders and construction supervision and preparation of EIA and environmental monitoring during construction.		
		

8.2.13 Roads Directorate : Oxbow-Mapholaneng Road Project 2010-02

Assignment Name: Reconstruction of Oxbow – Mapholaneng Road		Country: Lesotho
Location within Country: Mokhotlong		Professional Staff Provided by Your Firm/entity(profiles): 3 No.
Name of Client: Ministry of Public Works and Transport		Nº of Staff: 9
Address: P O Box 49 Maseru 100 Lesotho Tel: 22324191		Nº of Staff -Months; duration of assignment: 116 man-months (Key staff)
Start Date (Month/Year): February 2010	Completion Date (Month/Year): May 2015	Approx. Value of Services M15,000,000 (M400,000,000)
Name of Associated Consultants, if any: Roughton International UK (RI)		Nº of months of professional Staff Provided by Associated Consultants 114 man-months
Name of Senior Staff (Project Director / Coordinator, Team Leader) involved and functions performed: M. Williams - Senior Design Engineer – Geometry + Tender documentation, evaluation & pre-construction services T Lesenyeho - Surveyor T. Mokaloba - Geotechnical Engineer R Sethathi - Environmentalist responsible for environmental issues e.g EIA documents and Environmental Compliance Monitoring 4 candidates - Inspector of works and materials technicians		
Narrative Description of Project: Feasibility study, design and construction supervision of oxbow – Mapholaneng Road. Due to high altitude, road has been prone to frost and has thus deteriorated to a terminal point. Geotechnical Investigation, Centreline investigation and report, Geometric design by SM & Pavement and Hydrology by RI		
Description of Actual Services Provided by Your Staff: Geotechnical Investigations and the identification of borrow pits locations, Road prism centreline investigation, Preliminary and detail geometric design, preparation of bidding documents and evaluation of tenders, pre-construction services and construction supervision and preparation of EIA and environmental monitoring during construction works.		
		

8.2.14 Maseru City Council : Urban Roads Upgrading 2010

Assignment Name: MCC Municipal Urban Roads		Country: Lesotho
Location within Country: Maseru		Professional Staff Provided by Your Firm/entity(profiles): 16 No.
Name of Client: Ministry of Local Government		Nº of Staff: 20
Address: Maseru City Council P O Box 194 Maseru 100, Lesotho		Nº of Staff -Months; duration of assignment: 84 man-months (Key staff)
Start Date (Month/Year): 2010	Completion Date (Month/Year): 2012	Approx. Value of Services (combined) Over M30 000 000.00
Name of Associated Consultants, if any: Transelec – Electrical Works Topographic surveying firm		Nº of months of professional Staff Provided by Associated Consultants 18 man-months
Name of Senior Staff (Project Director / Coordinator, Team Leader) involved and functions performed: M. Williams - Senior Design Engineer and contracts manager (Eng's Rep FIDIC), M.Chaka - Environmental & Social engagement specialist. Environmental monitor N Monare - SHEQ manager - Environmentalist responsible for environmental issues e.g EIA documents and Environmental Compliance Monitoring RE's and Inspectors - Construction supervision monitoring		
Narrative Description of Project: Preparation of Environmental and Social Impact Assessments, Identification of all negative and disruptive effects (including relocations and expropriations and exhumations), both social and biophysical, of the proposed roads network. Dissemination and Participatory discussions with Project Affected People (PAPs) on the 'merits' and "demerits" of the planned Development. Design of the roads infrastructure, Preparation of the Environmental Management Plan and construction supervision of bitumen roads for Thamae Urban Roads, Maseru East, Lower Thetsane, Thetsane West Roads network, Mabote urban Roads, Matala phase II and Tsosane - Sekamaneng		
Description of Actual Services Provided by Your Staff: Road Corridors socio economic conditions, dilapidation surveys for compensation purposes, Preparation of the SHEQ Framework, Baseline Risk Assessment, Quality Management Plan, Quality Control Plan, Incident Management Procedures and the Environment and Social Management Plan. Preparation of Health and Safety Specifications. Road geometric and pavement design, tendering and construction supervision in various disciplines.		
		

8.2.15 Ministry of Local Government : Mohale's Hoek Selected Urban Roads 2009-11

Assignment Name: Engineering and Economic Feasibility, Preliminary and Detailed Design, Preparation of an ESIA, Construction Supervision of Mohale's Hoek Selected Urban Roads and Drainage Works.		Country: Lesotho
Location within Country: Mohale's Hoek District		Professional Staff Provided by Your Firm/entity(profiles): 4 No.
Name of Client: Ministry of Local Government		Nº of Staff: 3 (design) 1 (Environment)
Address: P O Box 686 Maseru 100 Lesotho Contact Mr Letlola +266 22325331		Nº of Staff -Months; duration of assignment: 72man-months (Key staff)
Start Date (Month/Year): Nov 2009	Completion Date (Month/Year): Jan 2011	Approx. Value of Services M5,600,000,000 (Supervision) M95,000,000 (Construction Contract Value)
Name of Associated Consultants, if any: MATLAB Materials Testing mns Land Surveyors Transelec Consulting Engineers		Nº of months of professional Staff Provided by Associated Consultants 5 man-months
Name of Senior Staff (Project Director / Coordinator, Team Leader) involved and functions performed: A. T. Lehobo - Project Manager M. Williams - Senior Design Engineer/Resident Engineer V Mavuso - Environmentalist responsible for environmental issues e.g EIA documents and Environmental Compliance Monitoring B Dillane - Assistant Resident Engineer		
Narrative Description of Project: Construction of Urban roads to bitumen standard, provision of paved pedestrian walkways, lined side drains and provision of street lighting.		
Description of Actual Services Provided by Your Staff: Project Management, preliminary and detail design, preparation of bidding documents and evaluation of tenders and construction supervision and preparation of EIA and environmental monitoring during construction.		

8.2.16 Ministry of Local Government : Thamae Urban Roads+Drainage Works 2009-10

Assignment Name: Preliminary and Detailed Design, Preparation of an ESIA, and Construction Supervision of the Upgrading to Bitumen Standard of the Thamae Urban Roads and Drainage Works.		Country: Lesotho
Location within Country: Maseru District		Professional Staff Provided by Your Firm/entity(profiles): 4 No.
Name of Client: Ministry of Local Government Maseru City Council		Nº of Staff: 3 (design) 1 (Environment)
Address: P O Box 911 Maseru 100 Lesotho Contact: Mr T Polaki 22322887		Nº of Staff -Months; duration of assignment: 10 man-months (Key staff)
Start Date (Month/Year): October 2009	Completion Date (Month/Year): Dec 2010	Approx. Value of Services M2,400,000,000 (M50,000,000)
Name of Associated Consultants, if any: MATLAB Materials Testing mns Land Surveyors Transelec Consulting Engineers (Electrical)		Nº of months of professional Staff Provided by Associated Consultants 5 man-months
Name of Senior Staff (Project Director / Coordinator, Team Leader) involved and functions performed: S. Selatile - Project Manager M. Williams - Senior Design Engineer V Mavuso - Environmentalist responsible for environmental issues e.g EIA documents and Environmental Compliance Monitoring M. Namoli - Resident Engineer		
Narrative Description of Project: Construction of Urban roads to bitumen standard, provision of paved pedestrian walkways, lined side drains and provision of street lighting.		
Description of Actual Services Provided by Your Staff: Project Management, preliminary and detail design, preparation of bidding documents and evaluation of tenders and construction supervision and preparation of EIA and environmental monitoring during construction.		

8.2.17 Ministry of Local Government : Maseru Urban Road Network at Thamae 2009 10

Assignment Name: Design and Supervision Services for the Upgrading Works to Bitumen Standard for part of the Maseru Urban Road Network and Drainage Works at Thamae		Country: Lesotho
Location within Country: Maseru District		Professional Staff Provided by Your Firm/entity(profiles): 4 No.
Name of Client: Ministry of Local Government Maseru City Council		Nº of Staff: 3 (design) 1 (Environment)
Address: P O Box 686 Maseru 100 Lesotho Tel: 22317 386 (Mr. M Mokhethi)		Nº of Staff -Months; duration of assignment: 10 man-months (Key staff)
Start Date (Month/Year): October 2009	Completion Date (Month/Year): Dec 2010	Approx. Value of Services M2,400,000 (M50,000,000)
Name of Associated Consultants, if any: MATLAB Materials Testing mns Land Surveyors Transelec Consulting Engineers (Electrical)		Nº of months of professional Staff Provided by Associated Consultants 5 man-months
Name of Senior Staff (Project Director / Coordinator, Team Leader) involved and functions performed: S. Selatile - Project Manager M. Williams - Senior Design Engineer V Mavuso - Environmentalist responsible for environmental issues e.g EIA documents and Environmental Compliance Monitoring M. Namoli - Resident Engineer		
Narrative Description of Project: Construction of Urban roads to bitumen standard, Geotechnical Investigation, Centreline investigation and report, provision of paved pedestrian walkways, lined side drains and provision of street lighting.		
Description of Actual Services Provided by Your Staff: Project Management, preliminary and detail design, preparation of bidding documents and evaluation of tenders and construction supervision and preparation of EIA and environmental monitoring during construction.		
 		

8.2.18 Ministry of Local Government : Mafeteng Urban Roads 2007-09

Assignment Name: Preparation of an ESIA, Preliminary and Detailed Design and Construction Supervision of the Upgrading to Bitumen Standard of Selected Mafeteng Urban Roads and Drainage Works.		Country: Lesotho
Location within Country: Mafeteng District		Professional Staff Provided by Your Firm/entity(profiles): 4 No.
Name of Client: Ministry of Local Government		Nº of Staff: 3 (design) 1 (Environment)
Address: P O Box 686 Maseru 100 Lesotho Contact Mr Letlola +266 22325331		Nº of Staff -Months; duration of assignment: 12 man-months (Key staff)
Start Date (Month/Year): Sept 2007	Completion Date (Month/Year): October 2008	Approx. Value of Services M2,100,000,000 (M49,000,000)
Name of Associated Consultants, if any: MATLAB Materials Testing Ntshihlele Land Surveyors Transelec Consulting Engineers		Nº of months of professional Staff Provided by Associated Consultants 5 man-months
Name of Senior Staff (Project Director / Coordinator, Team Leader) involved and functions performed: A. T. Lehobo - Project Manager M. Williams - Senior Design Engineer/Resident Engineer S. Tlale - Environmentalist responsible for environmental issues e.g EIA documents and Environmental Compliance Monitoring M. Namoli - Assistant Resident Engineer		
Narrative Description of Project: Construction of Urban roads to bitumen standard, provision of paved pedestrian walkways, lined side drains and provision of street lighting.		
Description of Actual Services Provided by Your Staff: Project Management, preliminary and detail design, preparation of bidding documents and evaluation of tenders and construction supervision and preparation of EIA and environmental monitoring during construction.		

8.2.19 Ministry of Public Works : 110km of Primary Road Network 2007-08

Assignment Name: 110km of Primary network		Country: Lesotho
Location within Country: Maseru - Maputsoe		Professional Staff Provided by Your Firm/entity(profiles): 4 No.
Name of Client: Ministry of Public Works and Transport		Nº of Staff: 8
Address: P O Box 49 Maseru 100 Lesotho		Nº of Staff -Months; duration of assignment: 15 man-months (Key staff)
Start Date (Month/Year): Aug 2007	Completion Date (Month/Year): March 2011	Approx. Value of Services M10,00,000 (M210,000,000)
Name of Associated Consultants, if any: BKS SA - Pavement Louise Burger USA - Hydrology		Nº of months of professional Staff Provided by Associated Consultants 5 man-months
Name of Senior Staff (Project Director / Coordinator, Team Leader) involved and functions performed: S. Selatile - Project Manager M. Williams - Senior Design Engineer - Geometry R Sithathi - Environmentalist responsible for environmental issues e.g EIA documents and Environmental Compliance Monitoring S Murimba - Assistant Resident Engineer		
Narrative Description of Project: Design (strengthening of pavement, geometric design including climbing lanes) and construction supervision of 110km of primary roads from Mafeteng to Maseru with Morija Matsieng loop road, Lakeside to Maqhaka, Peka to Peka Bridge and Hleoheng to Nyenye. There was lapse of time between design phase and construction phase. Total Road length 110km		
Description of Actual Services Provided by Your Staff: Project Management, preliminary and detail design , including speed profile analysis for determination of climbing lanes (pavement and drainage done by others), preparation of bidding documents and evaluation of tenders and construction supervision and preparation of EIA and environmental monitoring during construction.		
		

8.2.20 Ministry of Public Works : Likalaneng – Thaba Tseka Lot 3 Road 2005-11

Assignment Name: Design and Supervision of the Upgrading to Bitumen Standard of the Likalaneng – Thaba Tseka Lot 3 (35km)		Country: Lesotho
Location within Country: Thaba Tseka District		Professional Staff Provided by Your Firm/entity(profiles): 5 No.
Name of Client: Ministry of Public Works and Transport		Nº of Staff: 6
Address: P O Box 49 Maseru 100 Lesotho Tel: 22324191 S Matsepe		Nº of Staff -Months; duration of assignment: 30 man-months (Key staff)
Start Date (Month/Year): Nov 2005	Completion Date (Month/Year): June 2010	Approx. Value of Services M6.000,000 (M160,000,000)
Name of Associated Consultants, if any: BKS SA PACE Kuwait		Nº of months of professional Staff Provided by Associated Consultants 25
Name of Senior Staff (Project Director / Coordinator, Team Leader) involved and functions performed: S Selatile - Project Manager S Murimba - Assistant Resident Engineer T. Mokaloba - Materials Engineer S Tlale - Environmentalist responsible for environmental issues e.g EIA documents and Environmental Compliance Monitoring S Scout - Surveyor Z Mabazo - Materials Technician		
Narrative Description of Project: Geometric and Pavement design of part of a national road linking Maseru and Thaba Tseka districts. The works also included geotechnical investigation, Centreline investigation and report, hydraulic analysis and design of major structures crossing the road, road signage and all other road furniture		
Description of Actual Services Provided by Your Staff: Tender documentation review, pre-tender activities and construction supervision of the project. (awarded to a local Contractor – Lesotho Consolidated Civil Contractors (LCCC))		
		

8.2.21 Maseru City Council : Upgrading of Maseru Urban Roads II 2005-07

Assignment Name: Design and Supervision of the Rehabilitation and Upgrading to Bitumen Standard of Maseru Urban Roads II		Country: Lesotho
Location within Country: Maseru District		Professional Staff Provided by Your Firm/entity(profiles): 7 No.
Name of Client: Maseru City Council		Nº of Staff: 7
Address: P O Box 911 Maseru 100 Lesotho Tel:+266- 2231-7386 Fax: +266-2231-0418		Nº of Staff -Months; duration of assignment: 5 man-months (Key staff)
Start Date (Month/Year): July 2005	Completion Date (Month/Year): October 2005	Approx. Value of Services M501,000
Name of Associated Consultants, if any: Transelec Consulting Engineers for Artificial Street lighting		Nº of months of professional Staff Provided by Associated Consultants 1.0 Man-months
Name of Senior Staff (Project Director / Coordinator, Team Leader) involved and functions performed: A T Lehobo - Project Manager M. Williams - Senior Design Engineer S Tlale - Environmentalist responsible for environmental issues e.g EIA documents and Environmental Compliance Monitoring S. Mosisili - Surveyor P. Mafa - Clerk of Works I Z. Mabaso - Clerk of Works II		
Narrative Description of Project: Design, Environmental Compliance Monitoring and supervision of construction works.		
Description of Actual Services Provided by Your Staff: Geotechnical Investigations and the Identification of borrow pits locations, Road prism centreline investigation, Detailed engineering design and construction supervision of the Upgrading of over 4 km of Urban Roads (gravel & earth) to bitumen in Lower Thetsane and Rehabilitation of approximately 3 km of bitumen roads in the Maseru West, Environmental Compliance Monitoring of construction works.		
		

8.2.22 SANRAL : Rehab & Upgrading of N5 Section 3 Senekal – Paul Roux 2004-07

Assignment Name: Detailed Design and Provision of Supervision Services for the Rehabilitation and Upgrading of the N5 National Highway - Section 3: Senekal – Paul Roux in South Africa		Country: RSA
Location within Country: Senekal, Northern Free State		Professional Staff Provided by Your Firm/entity(profiles): 3 No.
Name of Client: South African National Roads Agency Limited (SANRAL)		Nº of Staff: 3 (design) 4 (supervision)
Address: Ditsela Place 1204 Park Street Hatfield Pretoria 0001		Nº of Staff -Months; duration of assignment: 10 man-months (Key staff)
Start Date (Month/Year): July 2004	Completion Date (Month/Year): Sept. 2005	Approx. Value of Services M3,310,000.00 (R110,000,000)
Name of Associated Consultants, if any: Vela VKE South Africa		Nº of months of professional Staff Provided by Associated Consultants 1,5 man-months
Name of Senior Staff (Project Director / Coordinator, Team Leader) involved and functions performed: S. S. Selatile - Project Manager M. Williams - Geometric Design Engineer M. Nsibirwa - Hydrology Engineer/ARE M. Namoli - Inspector of works		
Narrative Description of Project: Upgrading and Rehabilitation of 32km of N5 Section 3, from Senekal to Paul Roux in the Northern Free State.		
Description of Actual Services Provided by Your Staff: Geometric design for a 120km/hr requirements, analysis of profiles for various design speeds and presentation to SANRAL with financial implications of each. Assessment of the state and capacities of existing transverse structures and provision or replacement with new structures where deemed necessary		

8.2.23 Maseru City Council : Upgrading of Maseru Urban Roads I 2004

Assignment Name: Design and Supervision Services for the Rehabilitation and Upgrading to Bitumen Standard of Maseru Urban Roads I		Country: Lesotho
Location within Country: Maseru District		Professional Staff Provided by Your Firm/entity(profiles): 3 No.
Name of Client: Maseru City Council		Nº of Staff: 3 (design) 4 (Supervision)
Address: P O Box 911 Maseru 100 Lesotho Tel: 2231 7386		Nº of Staff -Months; duration of assignment: 10 man-months (Key staff)
Start Date (Month/Year): 2004	Completion Date (Month/Year): 2005	Approx. Value of Services (M1,102,927-00)
Name of Associated Consultants, if any: Dyelec Consulting Engineers for Artificial Street		Nº of months of professional Staff Provided by Associated Consultants 1.5 man-months
Name of Senior Staff (Project Director / Coordinator, Team Leader) involved and functions performed: A.T. Lehobo - Project Manager M. Williams - Design/Resident Engineer S. Tlale - Environmentalist responsible for environmental issues e.g EIA documents and Environmental Compliance Monitoring T. Mokaloba - Materials/Geotechnical Engineer S. Mosisili - Surveyor P. Mafa - Clerk of Works		
Narrative Description of Project: Upgrading of over 6km of Urban Roads (gravel & earth) to bituminous road in Maseru East and Rehabilitation works of road over 3km of bitumen roads in the Old Bus Stop Area.		
Description of Actual Services Provided by Your Staff: Geotechnical Investigations and the identification of borrow pits locations, Road prism centreline investigation, Detailed Design, Environmental Compliance Monitoring and supervision of construction works.		
		

8.2.24 LNDC : Design of Nyenye Industrial Estate Extension Layout 2003 09

Assignment Name: Economic Feasibility, ESIA, Preliminary and Detailed Design of Nyenye Industrial Estate Extension Lay-out		Country: Lesotho
Location within Country: Nyenye, Maputsoe		Professional Staff Provided by Your Firm/entity(profiles):3 Engineers
Name of Client: LNDC		Nº of Staff: 5 Staff
Address: Private Bag A96 Maseru 100 Lesotho Contact: Mrs M Khaka +266 5885 3928		Nº of Staff -Months; duration of assignment: 12 man-months
Start Date (Month/Year): September 2003	Completion Date (Month/Year): January 2006	Approx. Value of Services M1,430,000.00
Name of Associated Consultants, if any: Dyelec – Electrical and telecommunications Soilco – Soils Laboratory		Nº of months of professional Staff Provided by Associated Consultants None
Name of Senior Staff (Project Director / Coordinator, Team Leader) involved and functions performed: S. S. Selatile - Project Manager T. Moloi - Senior Design Engineer M. Nsibirwa - Hydrologist and water water eng S. Mosisili - Topographic surveyor		
Narrative Description of Project: Engineering feasibility study and detailed design of the Nyenye Industrial Estate Extension that included, design of access roads and stormwater management, telecommunication and power supply reticulation, water and sewage reticulation, waste water treatment plant, solid waste disposal and EIA		
Description of Actual Services Provided by Your Staff: Topographic survey of the industrial area, design of access roads to link with the existing estate, design of infrastructural services (sewer, water, electricity and telecommunication reticulation). From designs carried out, we produced Geotechnical investigations report, sub-division of plots for the various factory sizes, EIA report, design reports and tender documents with cost estimates for the various work elements.		
		

8.2.25 Maseru City Council : Maseru Municipality Roads 2001-12

Assignment Name: Detailed Design and Supervision of Maseru Municipality Roads		Country: Lesotho
Location within Country: Maseru District		Professional Staff Provided by Your Firm/entity(profiles): 3 Engineers
Name of Client: Maseru City Council		Nº of Staff: 8 Staff
Address: P O Box 911 Maseru 100 Lesotho Tel: 2231 7386		Nº of Staff -Months; duration of assignment: 12 man-months
Start Date (Month/Year): December 2001	Completion Date (Month/Year): December 2002	Approx. Value of Services M3,705,210.00
Name of Associated Consultants, if any: None		Nº of months of professional Staff Provided by Associated Consultants None
Name of Senior Staff (Project Director / Coordinator, Team Leader) involved and functions performed: S. S. Selatile - Project Manager T. Moloi - Senior Design Engineer M. Williams - Design/Resident Engineer T. Mokaloba - Materials and Geotechnical Investigations		
Narrative Description of Project: Reconstruction of bitumen surfaced road which was in a serious state of disrepair, geotechnical investigation, centreline investigation and report, design of drainage system and sidewalks.		
Description of Actual Services Provided by Your Staff: Pavement and subgrade condition assessment survey, geotechnical investigations, road prism centreline investigation, pavement redesign, drainage design, contract documentation, vetting of tenderers documents, award of contract and construction supervision.		
		

8.2.26 LSPP : Selected Mokhotlong Urban Roads & Drainage Works 2001-08

Assignment Name: Detailed Design of the Upgrading to Bitumen Standard of the Selected Mokhotlong Urban Roads and Drainage Works.		Country: Lesotho
Location within Country: Mokhotlong		Professional Staff Provided by Your Firm/entity(profiles): 2 Engineers
Name of Client: Lands Surveys and Physical Planning		Nº of Staff: 4
Address: P O Box 686 Maseru 100 Lesotho Contact Mr Letlola +266 22325331		Nº of Staff -Months; duration of assignment: 8
Start Date (Month/Year): August 2001	Completion Date (Month/Year): July 2002	Approx. Value of Services: M1,2 million (M21,000,000)
Name of Associated Consultants, if any: None		Nº of months of professional Staff Provided by Associated Consultants None
Name of Senior Staff (Project Director / Coordinator, Team Leader) involved and functions performed: S.S. Selatile : Project Manager T. Moloi : Resident Engineer M. Williams : Design Engineer		
Narrative Description of Project: Upgrading of gravel roads in Mokhotlong to Asphalt.		
Description of Actual Services Provided by Your Staff: Soil investigation, topographic survey, etc... Design and supervision of road upgrading works Design and supervision		

8.2.27 Maseru City Council : Rehabilitation of Lerotholi & Assisi Roads 2001

Assignment Name: Detailed Design and Supervision Services for the Rehabilitation of Lerotholi and Assisi Roads in Maseru		Country: Lesotho
Location within Country: Maseru District		Professional Staff Provided by Your Firm/entity(profiles): 4 Engineers
Name of Client: Maseru City Council		Nº of Staff: 6 Staff
Address: P O Box 911 Maseru 100 Lesotho Tel: 2231 7386		Nº of Staff -Months; duration of assignment: 22 man-months
Start Date (Month/Year): 2001	Completion Date (Month/Year): 2002	Approx. Value of Services M126,000-00
Name of Associated Consultants, if any:		Nº of months of professional Staff Provided by Associated Consultants None
Name of Senior Staff (Project Director / Coordinator, Team Leader) involved and functions performed: T. Moloi - Project Manager M. Williams - Design Engineer A. T. Lehobo - Project Documentation S. Mosisili - Topographic Survey		
Narrative Description of Project: Rehabilitation of two bitumen surfaced roads in a serious state of disrepair, resurfacing with asphalt and construction of sidewalks.		
Description of Actual Services Provided by Your Staff: Field studies: traffic counts, Geotechnical Investigations, Road prism centreline investigation, topographic survey, pavement assessment and redesign, design of sidewalks and supervision of road rehabilitation works.		
		

8.2.28 LSPP : Upgrading of Selected Mokhotlong Urban Roads 2001

Assignment Name: Detailed Design and Provision of Supervision Services for the Upgrading to Bitumen Standard of the Selected Mokhotlong Urban Roads		Country: Lesotho
Location within Country: Mokhotlong District		Professional Staff Provided by Your Firm/entity(profiles): 2 Engineers
Name of Client: Lands Surveys and Physical Planning		Nº of Staff: 4 (Supervision)
Address: P O Box 876 Maseru 100 Lesotho		Nº of Staff -Months; duration of assignment: 8 man-months
Start Date (Month/Year): 2001	Completion (Month/Year): 2002	Date Approx. Value of Services M4,900,000-00
Name of Associated Consultants, if any: None		Nº of months of professional Staff Provided by Associated Consultants None
Name of Senior Staff (Project Director Coordinator, Team Leader) involved and functions performed: S. S. Selatile - Project Manager M. Williams - Design Engineer T. Moloi - Resident Engineer		
Narrative Description of Project: Upgrading of gravel roads in Mokhotlong to Asphaltic surfacing.		
Description of Actual Services Provided by Your Staff: Geotechnical investigations for comparison with previous geotechnical investigations, centreline investigations, topographical survey, preliminary and detail design, preparation of bidding documents and vetting of tenders, construction supervision of road upgrading works and preparation of EIA including environmental monitoring during construction works.		
 		

8.2.29 Maseru City Council : Rehabilitation of Roads in Maseru Industrial Area 2000

Assignment Name: Detailed Design and Provision of Supervision Services for the Rehabilitation of Roads in the Maseru Industrial Area.		Country: Lesotho
Location within Country: Maseru District City of Maseru Maseru West Industrial Area		Professional Staff Provided by Your Firm/entity(profiles): 3 Engineers
Name of Client: Maseru City Council		Nº of Staff: 5
Address: P O Box 911 Maseru 100 Lesotho Tel: 2231 7386		Nº of Staff -Months; duration of assignment: 32 man-months
Start Date (Month/Year): 2000	Completion Date (Month/Year): 2001	Approx. Value of Services (M213,000-00)
Name of Associated Consultants, if any: None		Nº of months of professional Staff Provided by Associated Consultants None
Name of Senior Staff (Project Director / Coordinator, Team Leader) involved and functions performed: A.T. Lehobo - Project Manager and Project Documentation T. B. Moloi - Senior Design Engineer/Resident Engineer M. Williams - Environmentalist responsible for environmental issues e.g. EIA documents and Environmental Compliance Monitoring		
Narrative Description of Project: Rehabilitation of bitumen surfaced roads in a serious state of disrepair and resurfacing with asphalt, redesign of drainage system and sidewalks.		
Description of Actual Services Provided by Your Staff: Field studies: traffic counts, soil investigation, topographic survey, relocation of WASA, LEC and TLC services Design and construction supervision of road rehabilitation works Design and construction supervision of road drainage system Design and supervision of sidewalks		
		

8.2.30 Ministry of Public Works : Upgrading of B232, B233 & B234 Roads 1999

Assignment Name: Design & Supervision of the Upgrading to Bitumen Standard of the Roads B232, B233 & B234		Country: Lesotho
Location within Country: Maseru District		Professional Staff Provided by Your Firm/entity(profiles): 9 No.
Name of Client: Ministry of Public Works and Transport (Roads Branch)		Nº of Staff: 3 (design) 19 (Supervision)
Address: P O Box 194 Maseru 100 Lesotho Tel: 22324191 S. Matsepe		Nº of Staff -Months; duration of assignment: 125 man-months (Key staff)
Start Date (Month/Year): 1999	Completion Date (Month/Year): 2005	Approx. Value of Services M4,500,000-00 (M56,000,000.00)
Name of Associated Consultants, if any: Stewart Scott incorporated Digital Mapping Surveys Institute of Natural Resources		Nº of months of professional Staff Provided by Associated Consultants 20 man-months
Name of Senior Staff (Project Director / Coordinator, Team Leader) involved and functions performed: A.T. Lehobo - Project Manager T. Moloi - Senior Design Engineer S. Tlale - Environmentalist responsible for environmental issues e.g EIA documents and Environmental Compliance Monitoring T. Mokaloba - Geotechnical and Materials Testing Engineer S. Scout - Surveyor M. Nsibirwa - Assistance Resident Engineer P. Wagenaar - Resident Engineer		
Narrative Description of Project: Upgrading of B232, B233 & B234 Mpharane to Bela-Bela Road of 23.50 km of gravel rural roads to bituminous standard with the inclusion of geotechnical investigation, centreline investigation and report.		
Description of Actual Services Provided by Your Staff: Project Management, geotechnical investigations and the identification of borrow pits locations, Road prism centreline investigation, alignment selection, preliminary and detail design, preparation of bidding documents and vetting of tenders, construction supervision and preparation of EIA including environmental monitoring during construction works.		
		

8.3 STRUCTURAL ENGINEERING SERVICES

8.3.1 LHDA : Bulk Power Supply Civils 2017-08

Assignment Name: Bulk Power Supply and Telecommunications		Country: Lesotho
Location within Country: Polihali Mokhotlong		Professional Staff Provided by Your Firm/entity(profiles): 4 No.
Name of Client: LHDA		Nº of Staff: 10
Address: Lesotho Highlands Development Authority P. O. Box 7332, Maseru 100, Lesotho		Nº of Staff -Months; duration of assignment: 52 man-months (Key staff)
Start Date (Month/Year): August 2017	Completion Date (Month/Year): Aug 2023)	Approx. Value of Services M15,000,000 (M700,000,000)
Name of Associated Consultants, if any: Plantech (RSA)		Nº of months of professional Staff Provided by Associated Consultants 114 man-months
Name of Senior Staff (Project Director / Coordinator, Team Leader) involved and functions performed: M. Williams - Senior Design Engineer – Substations and access roads, tender documentation, evaluation & pre-construction services. Construction phase support B. Khoetha - Assistant Resident Engineer (Civils) S. Molapo - Environmentalist – Construction compliance N Monare - SHEQ manager - Environmentalist responsible for environmental issues e.g EIA documents and Environmental Compliance Monitoring		
Narrative Description of Project: Construction of a 35.4km 132Kv powerline and telecommunication line between Katse and Polihali within the Polihali Western Access Corridor (PWAC) and Construction of new 132 Kv substations. Refurbishment of the existing 66 Kv line from Ha Lejone to Matsoku substation as well as construction of 33Kv line from Tlokoeng to Polihali. Finally construction of gravel access roads..		
Description of Actual Services Provided by Your Staff: Preparation of the SHEQ Framework, Inspection & Test Plan, Baseline Risk Assessment, Quality Management Plan, Quality Control Plan, Incident Management Procedures and the Environment and Social Management Plan. Preparation of Health and Safety Specifications. Construction supervision of the SHEQ Plan and Environmental and Social Management Plan. Design of sub-station civil works and foundations of the substation equipment and buildings. Construction supervision		
 		

8.3.2 MGC : Office Complex Phase II Building 2014-11

Assignment Name: MGC Office Complex Phase II		Country: Lesotho
Location within Country: Maseru		Professional Staff Provided by Your Firm/entity (profiles): Structural Engineers (3 No.)
Name of Client: Matekane Group of Companies		Nº of Staff: 3
Address: P. O. Box 4474 Maseru 104 Lesotho Contact: M Moshe +266 2833 2533		Nº of Staff -Months; duration of assignment: 26 man-months
Start Date (Month/Year): November 2014	Completion Date (Month/Year): December 2018	Approx. Value of Services M240,000,000
Name of Associated Consultants, if any: (Independent: Architectural, Electrical/Mechanical, QS, Interior Designers, etc)		Nº of months of professional Staff Provided by Associated Consultants None
Name of Senior Staff (Project Director / Coordinator, Team Leader) involved and functions performed: M Williams – Structural Engineer - Team Leader T. Mofolo – Structural Engineer T. Kanda – Civil Engineer (Roads, Waste water disposal and Stormwater)		
Narrative Description of Project: Design and Supervision of twelve storey building with two basements, revolving sky restaurant with Helipad on top. Works will also include access roads, underground parking, stormwater management, sewer and potable water reticulation. (building will be the highest in the country)		
Description of Actual Services Provided by Your Staff: Structural design of the office complex – Pursuant to approval of concept design, structural design has just commenced and will include study of geotechnical investigations report, design of foundations, whole concrete framework comprising reinforced slabs, beams, columns, staircases and lift shafts.		
		

8.3.3 CHAL : Headquarters Building 2014-09

Assignment Name: CHAL Headquarters		Country: Lesotho
Location within Country: Maseru		Professional Staff Provided by Your Firm/entity (profiles): Structural Engineers (3 No.)
Name of Client: Ministry of Health		Nº of Staff: 3
Address: P. O. Box 514 Maseru 100 Lesotho Contact: Mr Mphafi 6277 7772		Nº of Staff -Months; duration of assignment: 8.0 man-months
Start Date (Month/Year): September 2014	Completion Date (Month/Year): May 2015	Approx. Value of Services M75,000,000
Name of Associated Consultants, if any: Trend Group (Architects) Kiwango Quantity Surveyors (Quantity Surveyor) Transelec Consulting Engineers (Electro Mechanical Engineers)		Nº of months of professional Staff Provided by Associated Consultants 16
Name of Senior Staff (Project Director / Coordinator, Team Leader) involved and functions performed: M. Williams – Civil/Structural Engineer T. Mofolo – Civil/Structural Engineer T. Pholoana – Civil Engineer (Roads, Waste water disposal and Stormwater)		
Narrative Description of Project: Four storey high building with twin lift shaft and fire escape stairs. Building provided with ground floor level parking as well as outside (uncovered parking space), fully serviced with stormwater management, sewer and clean water reticulation systems.		
Description of Actual Services Provided by Your Staff: Structural analysis and design of the buildings. Design of other civil engineering services (parking pavement structure, sewer reticulation, stormwater management and potable water reticulation). Design finished; documents ready for tendering		
		

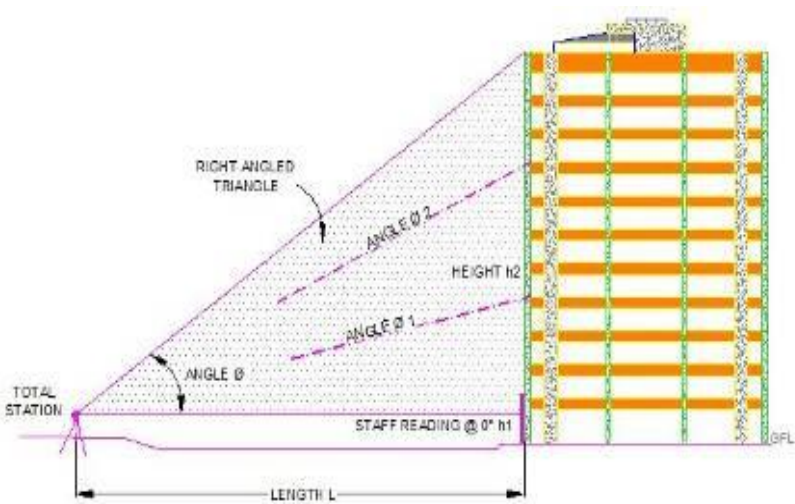
8.3.4 MGC : Design & Supervision of MGC Double Deck Parking 2014-05

Assignment Name: Structural Design and Supervision Services of the MGC Double Deck Parking		Country: Lesotho
Location within Country: Maseru		Professional Staff Provided by Your Firm/entity(profiles): 1 No. Eng + 1 draftsman
Name of Client: Matekane Group of Companies		Nº of Staff: 2
Address: P. O. Box 4474 Maseru 104 Lesotho Contact: M Moshe +266 2833 2533		Nº of Staff -Months; duration of assignment: 11 man-months
Start Date (Month/Year): May 2014	Completion Date (Month/Year): June 2015	Approx. Value of Services M28,000,000
Name of Associated Consultants, if any: None		Nº of months of professional Staff Provided by Associated Consultants None
Name of Senior Staff (Project Director / Coordinator, Team Leader) involved and functions performed: Mr. M. Williams – Civil and Structural Engineer L. Chabana – Senior draftsman		
Narrative Description of Project: Design and Supervision of double deck parking facility with a dual way ramp, one emergency exit only ramp and two flight steel staircase. Purpose was to create additional parking space and thus make way for the MGC phase II construction works		
Description of Actual Services Provided by Your Staff: Conceptual layout of the parking facility, detailed design and production of tender drawings, and construction supervision. Construction was completed on June 2015		
		
Double deck parking with dual ramp	Access control point	Emergency exit only cantilevered ramp

8.3.5 LNDC : Mall and Offices Upgrade/Refurbishment Building 2014-03

Assignment Name: LNDC Mall and Offices Upgrade/Refurbishment		Country: Lesotho
Location within Country: Maseru		Professional Staff Provided by Your Firm/entity (profiles): Structural Engineers (2 No.)
Name of Client: LNDC		Nº of Staff: 2
Address: Private Bag A96 Maseru 100 Lesotho Contact: Mrs M Khaka		Nº of Staff -Months; duration of assignment: 8.0 man-months
Start Date (Month/Year): March 2014	Completion Date (Month/Year): On-going after Stalling 2016	Approx. Value of Services ~M396,000,000.00
Name of Associated Consultants, if any:(Consortium) MMA RSA & 472 Studio (Architects) Lethola Cost Associates (Quantity Surveyor) Transelec & ARUP RSA (Electro Mechanical Engineers) PM Africa RSA & Seco RSA (Project Managers)		Nº of months of professional Staff Provided by Associated Consultants 16
Name of Senior Staff (Project Director / Coordinator, Team Leader) involved and functions performed: M. Williams – Civil/Structural Engineer J. Pholoana– Civil/Structural Engineer		
Narrative Description of Project: Refurbishment and face-lifting of LNDC office block, linking office block with shopping mall by overhead bridge, providing additional retail level on shopping mall, face-lifting and revamping the whole shop fronts, provision of five level parkade and associated access roads.		
Description of Actual Services Provided by Your Staff: Structural analysis and assessment for modifications to the existing buildings, design of new building components including the parkade, design of access roads, sewer and water reticulation and stormwater management system. Project still at design stage		
		

8.3.6 Lesotho Bank : Tower Building 2014-03

Assignment Name: Lesotho Bank Tower Building		Country: Lesotho
Location within Country: Maseru		Professional Staff Provided by Your Firm/entity (profiles): Structural Engineers (2 No.)
Name of Client: LHDA		Nº of Staff: 2
Address: P. O. Box 7332 Maseru 100 Lesotho Contact: Mr S Khalaki		Nº of Staff -Months; duration of assignment: 3.0 man-months
Start Date (Month/Year): March 2014	Completion Date (Month/Year): June 2015	Approx. Value of Services ~M396,266,329
Name of Associated Consultants, if any:(Consortium) None		Nº of months of professional Staff Provided by Associated Consultants Nil
Name of Senior Staff (Project Director / Coordinator, Team Leader) involved and functions performed: M. Williams – Civil/Structural Engineer J. Pholoana– Civil/Structural Engineer		
Narrative Description of Project: Structural Integrity assessment of the building for safe continued use after being subjected to various load patterns over its life span and also from the vibratory impacts of the recent earth quake		
Description of Actual Services Provided by Your Staff: Reconstruction of the building geometry using techy techniques, visual assessment of distress of the flexural members of the building, physical measurements of concrete strength and deflections to check against tolerances, determination of safe working loads of the building		
 		

8.3.7 Matji Properties : Hopoland Building Structural Analysis 2014-02

Assignment Name: Structural Analysis and Determination of Safety of the Hopolang Building		Country: Lesotho
Location within Country: Maseru		Professional Staff Provided by Your Firm/entity (profiles): Structural Engineers (1 No.)
Name of Client: Matji Properties		Nº of Staff: 2
Address: Ha Hoohlo Maseru Lesotho Contact: Mr Matji		Nº of Staff -Months; duration of assignment: 9.0 man-months
Start Date (Month/Year): Feb 2014	Completion Date (Month/Year): Jun 2015	Approx. Value of Services M7,000,000
Name of Associated Consultants, if any: None		Nº of months of professional Staff Provided by Associated Consultants
Name of Senior Staff (Project Director / Coordinator, Team Leader) involved and functions performed: M. Williams – Civil/Structural Engineer L Chabana		
Narrative Description of Project: Double storey building affected by 1998 riots, partially burned and now subjected to distress and structural integrity compromised		
Description of Actual Services Provided by Your Staff: Reproducing of layouts, carrying out assessment of the adequacy of flexural members for the working loads under the given spans. Calculated allowable deflections and compared with existing, extracted concrete cores for laboratory testing. Designed and supervised supplementary support system to keep structure safe..		
 		

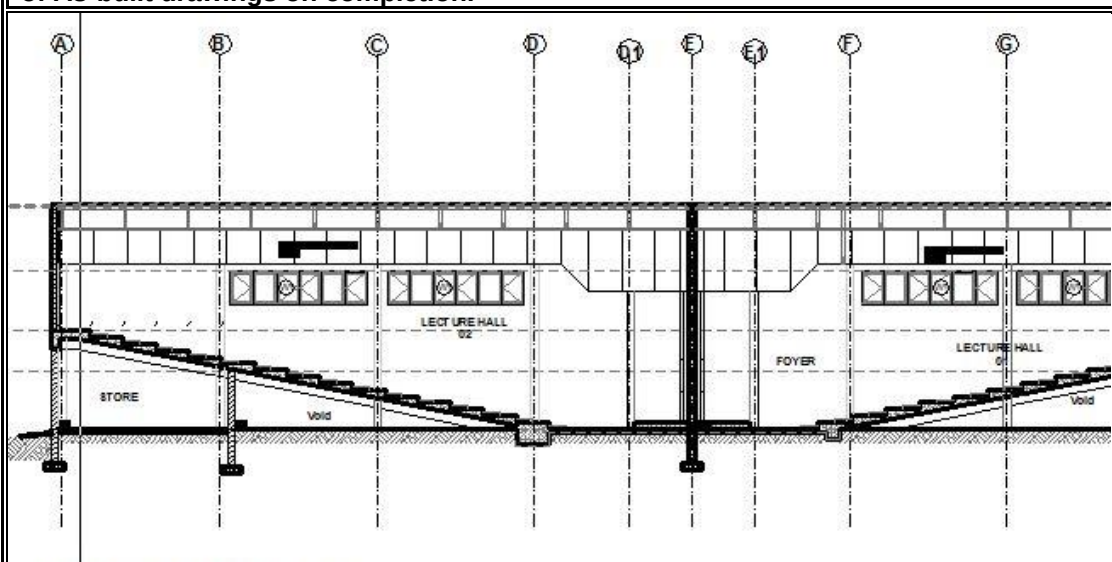
8.3.8 Maseru Toyota : Showrooms Building 2013-05

Assignment Name: Maseru Toyota Showrooms		Country: Lesotho
Location within Country: Maseru		Professional Staff Provided by Your Firm/entity (profiles): Structural Engineers (2 No.)
Name of Client: Maseru Toyota		Nº of Staff: 2
Address: P. O. Box 712 Maseru 100 Lesotho Contact: Mr Lelimo +266 2231 3801		Nº of Staff -Months; duration of assignment: 9.0 man-months
Start Date (Month/Year): May 2013	Completion Date (Month/Year): Sept 2015	Approx. Value of Services M15,000,000
Name of Associated Consultants, if any: Archiplan Studio (Architects) Mudock Green (Quantity Surveyor) Dyelec Lesotho (ElectroMechanical Engineers)		Nº of months of professional Staff Provided by Associated Consultants 9
Name of Senior Staff (Project Director / Coordinator, Team Leader) involved and functions performed: M. Williams – Civil/Structural Engineer T. Mofolo – Civil/Structural Engineer		
Narrative Description of Project: Double volume sales and repairs buildings with mezzanine floor for offices as well as open parking full with services.		
Description of Actual Services Provided by Your Staff: Structural analysis and design of the buildings. Design of other civil engineering services (parking pavement structure, sewer reticulation, stormwater management and potable water).		
 		

8.3.9 BDS : Structural Design of Lesotho New Senate Building 2012-03

Assignment Name: Structural Design of the Lesotho Senate Building		Country: Lesotho
Location within Country: Maseru		Professional Staff Provided by Your Firm/entity (profiles): Structural Engineers (3 No.)
Name of Client: Lesotho Government		Nº of Staff: 2
Address: P O Box 330 Moshoeshoe Road, Maseru 100 Lesotho Contact: Moshoeshoe 5874 5145		Nº of Staff -Months; duration of assignment: 9.0 man-months
Start Date (Month/Year): March 2012	Completion Date (Month/Year): March 2013 Stalled!!	Approx. Value of Services M95,000,000
Name of Associated Consultants, if any: None		Nº of months of professional Staff Provided by Associated Consultants None
Name of Senior Staff (Project Director / Coordinator, Team Leader) involved and functions performed: Kim Mackenzie – Team Leader (Mentor) M. Williams – Structural Engineer (Mentor) T. Mofolo – Civil Engineer (Mentee)		
Narrative Description of Project: Design and Supervision of three storey building with a Senate chamber		
Description of Actual Services Provided by Your Staff: Structural analysis and design of the building. Building consists of a 16m clear span slab over the senate chamber, concrete framework in conjunction with bearing walls, reinforced slabs, beams, columns, staircases and lift shafts. Project awaiting go-ahead with tendering.		
		

8.3.10 NUL : Design & Supervision of NUL Large Lecture Halls 2011-09

Assignment Name: Structural Design and Provision of Supervision Services for the NUL Large Lecture Halls		Country: Lesotho
Location within Country: Maseru		Professional Staff Provided by Your Firm/entity (profiles): Structural Engineers (2 No.)
Name of Client: National University of Lesotho		Nº of Staff: 2
Address: P. O. Box 180 Roma Lesotho Contact: M Ntja +266 2234 0601		Nº of Staff -Months; duration of assignment: 9.0 man-months
Start Date (Month/Year): September 2011	Completion Date (Month/Year): December 2012	Approx. Value of Services M10,000,000
Name of Associated Consultants, if any: Archiplan Studio (Architects) Mudock Green (Quantity Surveyor) Dyelec Lesotho (Electro-Mechanical Engineers)		Nº of months of professional Staff Provided by Associated Consultants None
Name of Senior Staff (Project Director / Coordinator, Team Leader) involved and functions performed: M. Williams – Civil/Structural Engineer T. Mofolo – Civil/Structural Engineer		
Narrative Description of Project: Three large lecture halls with a total capacity of 540 pupils. Consist of raked seating and storage space and ablutions under the seating,.		
Description of Actual Services Provided by Your Staff: Structural analysis and design of the buildings that consisted of concrete framed work for main structure and space trusses spanning in access of 20m. Construction supervision and producing of As-built drawings on completion.		
		

8.3.11 MGC : Structural Design of Mpilo Lodge 2011-06

Assignment Name: Structural Design & Supervision Services of the Construction of Mpilo Lodge		Country: Lesotho
Location within Country: Maseru		Professional Staff Provided by Your Firm/entity(profiles): 2 No. Engineer
Name of Client: Matekane Group of Companies		Nº of Staff: 2
Address: P. O. Box 4474 Maseru 104 Lesotho Contact: M Moshe +266 2833 2533		Nº of Staff -Months; duration of assignment: 17.0 man-months
Start Date (Month/Year): June 2011	Completion Date (Month/Year): Feb 2015 (after stalling)	Approx. Value of Services M55,000,000
Name of Associated Consultants, if any: None		Nº of months of professional Staff Provided by Associated Consultants None
Name of Senior Staff (Project Director / Coordinator, Team Leader) involved and functions performed: Mr. M. Williams – Civil and Structural Engineer (Mentor) T. Mofolo – Structural Engineer (Mentee)		
Narrative Description of Project: Design and Supervision of three storey building with basement and open entertainment roof area for functions		
Description of Actual Services Provided by Your Staff: Geotechnical investigations and Structural design of the building. Building consists of concrete framework (combination of flat slabs and beams support system), columns, staircases and lift shafts. Design also included concrete ramp to 1st floor parking. Construction commenced January 2013		
 		

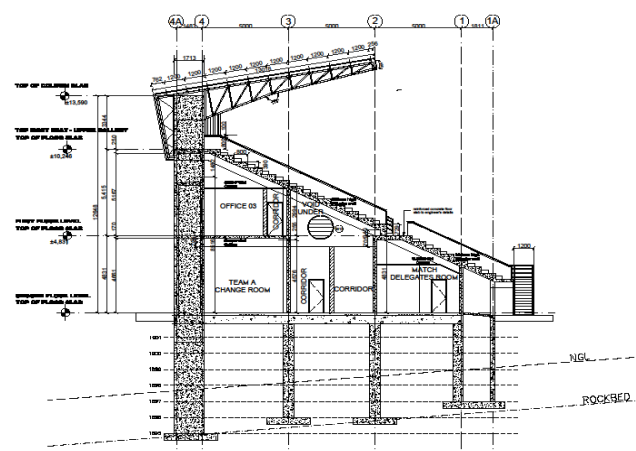
8.3.12 NC Department of Sports Arts & Culture : Archives Repository 2010-12

Assignment Name: Structural Design and Provision of Supervision Services for the Construction of the Archives Repository Building		Country: South Africa
Location within Country: Northern Cape - Kimberly		Professional Staff Provided by Your Firm/entity(profiles): 2 No. Engineer
Name of Client: Northern Cape Department of Sports, Arts and Culture		Nº of Staff: 2
Address: 22 Abattoir Street Ashburnham Kimberly		Nº of Staff -Months; duration of assignment: 8 man-months
Start Date (Month/Year): December 2010	Completion Date (Month/Year): September 2012	Approx. Value of Services M18,000,000
Name of Associated Consultants, if any: (QS, Architect, Electrical and Mechanical – Independent)		Nº of months of professional Staff Provided by Associated Consultants None
Name of Senior Staff (Project Director / Coordinator, Team Leader) involved and functions performed: Mr. M. Williams – Civil and Structural Engineer T. Mofolo – Structural Engineer (Mentee)		
Narrative Description of Project: Single storey, double volume semi-arched building with warehouse facilities, Offices and Flat roofed section with semi-circular covered walkways.		
Description of Actual Services Provided by Your Staff: Review of geotechnical investigations report for carrying out Structural design of entire building ➤ Design of foundations ➤ Design of structural steel trusses and space frames, concrete elements – beams, columns, slabs, etc		
		

8.3.13 MGC : Structural Design & Supervision of MGC Office Complex 2010-08

Assignment Name: Structural Design, Geotechnical Services and Supervision Services of the MGC Office Complex		Country: Lesotho
Location within Country: Maseru		Professional Staff Provided by Your Firm/entity(profiles): 2 No. Engineer
Name of Client: Matekane Group of Companies		Nº of Staff: 2
Address: P. O. Box 4474 Maseru 104 Lesotho Contact: M Moshe +266 2833 2533		Nº of Staff -Months; duration of assignment: 15.0 man-months
Start Date (Month/Year): August 2010	Completion Date (Month/Year): March 2012	Approx. Value of Services M105,000,000
Name of Associated Consultants, if any: None		Nº of months of professional Staff Provided by Associated Consultants None
Name of Senior Staff (Project Director / Coordinator, Team Leader) involved and functions performed: M. Williams – Civil / Structural Engineer L. Chabana – Draftsman		
Narrative Description of Project: Design and Supervision of six storey office complex with basement and open parking facilities. The area shall serve as headquarters to Matekane Group of Companies with lettable retail space on ground floor and rentable office space from 2nd to 4th floor.		
Description of Actual Services Provided by Your Staff: Structural design of the office complex – Design work included study of geotechnical investigations report and design of foundations, whole concrete framework comprising reinforced slabs, beams, columns, staircases and lift shafts. Construction completed in March 2012.		
		

8.3.14 BDS : Structural Design+Supervision for Qacha's Nek Sports Grounds 2009-11

Assignment Name: Structural Design and Provision of Supervision Services for the Qacha's Nek Sports Grounds		Country: Lesotho
Location within Country: Qacha's Nek		Professional Staff Provided by Your Firm/entity(profiles): 1 No. Engineer
Name of Client: Building Design Services		Nº of Staff: 1
Address: P O Box 330 Moshoeshoe Road, Maseru 100 Lesotho Contact: Moshoeshoe +266 2231 1362		Nº of Staff -Months; duration of assignment: 11.0 man-months
Start Date (Month/Year): November 2009	Completion Date (Month/Year): December 2010	Approx. Value of Services M98,000,000
Name of Associated Consultants, if any: None		Nº of months of professional Staff Provided by Associated Consultants None
Name of Senior Staff (Project Director / Coordinator, Team Leader) involved and functions performed: Mr. M. Williams – Civil and Structural Engineer		
Narrative Description of Project: Design and construction Supervision of Qacha's Nek sports grounds encompassing Terraced platforms of fills of up to 8m, Tennis & Basketball courts, space truss covered gymnasium and swimming pool, soccer field with running track, spectator closed and open stands, water and sewerage reticulations.		
Description of Actual Services Provided by Your Staff: Structural design of the buildings; foundations, steel portal frames and trusses, mass earthworks and terracing of platforms including retaining systems to accommodate all sporting facilities, bill of quantities for civil works, design of the spectator stands; concrete seating decks, offices slabs, concrete columns, deep raker beams (in excess of 800mm depth), foundations and suspended steel roofing. Design is complete and Client awaiting availability of funds to proceed to construction phase.		
		

8.3.15 LRA : Structural Design & Supervision for Quthing Tele Border Post 2009-11

Assignment Name: Structural Design, Civil Engineering Works & Provision of Supervision Services for the Tele Border Post Refurbishment		Country: Lesotho
Location within Country: Quthing, Tele Border Post		Professional Staff Provided by Your Firm/entity(profiles): 1 No. Engineer
Name of Client: Lesotho Revenue Authority		Nº of Staff: 1
Address: P O Box 1085 Maseru 100 Lesotho Contact Mr Mathetsa+266 587003300		Nº of Staff -Months; duration of assignment: 11.0 man-months
Start Date (Month/Year): November 2009	Completion Date (Month/Year): December 2010	Approx. Value of Services M16,500,000
Name of Associated Consultants, if any: None		Nº of months of professional Staff Provided by Associated Consultants N
Name of Senior Staff (Project Director / Coordinator, Team Leader) involved and functions performed: Mr. M. Williams – Civil and Structural Engineer		
Narrative Description of Project: Design and Supervision of Tele Border Post Controls Buildings and mass earthworks for the flood plain area		
Description of Actual Services Provided by Your Staff: Design and Supervision services of the civil & structural components of the works which included mass earthworks and terracing in the flood plain, earth retaining systems, new foundations for all proposed buildings, vehicle canopies, water supply and foul water system.		
		

8.3.16 LRA : Refurbishment of Border Posts: Maseru & Maputsoe Centre 2008-03

Assignment Name: Refurbishment of Border Posts Maseru and Maputsoe		Country: Lesotho
Location within Country: Maseru and Maputsoe bridges		Professional Staff Provided by Your Firm/entity(profiles): 1 No. Engineer
Name of Client: Government of Lesotho Lesotho Revenue Authority		Nº of Staff: 1
Address: P O Box 1085 Maseru 100 Lesotho Contact: Mr T Mhlanga +266 2232 5935		Nº of Staff -Months; duration of assignment: 8.0 man-months
Start Date (Month/Year): March 2008	Completion Date (Month/Year): December 2008	Approx. Value of Services M14,000,000
Name of Associated Consultants, if any: None		Nº of months of professional Staff Provided by Associated Consultants None
Name of Senior Staff (Project Director / Coordinator, Team Leader) involved and functions performed: Mr. M. Williams – Civil and Structural Engineer		
Narrative Description of Project: Steel framed canopies for heavy and light vehicle Canopies, new check point buildings, geometric re-alignment of roads to suit new structures, road pavement design and external services.		
Description of Actual Services Provided by Your Staff: Design and Supervision services of the civil & structural components of the works which included steel portal frames, foundations, mass earthworks filling and external services – water supply and waste water disposal.		
		

8.3.17 LRA : Structural Design & Supervision for LRA Training Centre 2007-10

Assignment Name: Structural Design & Provision of Supervision Services for the Lesotho Revenue Authority Training Centre		Country: Lesotho
Location within Country: Maseru Central		Professional Staff Provided by Your Firm/entity(profiles): 1 No. Engineer
Name of Client: Lesotho Revenue Authority		Nº of Staff: 1
Address: P O Box 1085 Maseru 100 Lesotho Contact: L Pheko +266 2232 5935		Nº of Staff -Months; duration of assignment: 5.0 man-months
Start Date (Month/Year): October 2007	Completion Date (Month/Year): December 2008	Approx. Value of Services M4,500,000
Name of Associated Consultants, if any: None		Nº of months of professional Staff Provided by Associated Consultants None
Name of Senior Staff (Project Director / Coordinator, Team Leader) involved and functions performed: Mr. M. Williams – Civil and Structural Engineer		
Narrative Description of Project: Design and Supervision of renovations and additions to the Lesotho Revenue Authority Training Centre at Maseru.		
Description of Actual Services Provided by Your Staff: Design and Supervision services of the civil & structural components of the works which included modifying foundations through underpinning to accommodate a new first floor slab for a new theatre classroom, design of the relevant support systems and the slab itself. Design also included one flight lift for disabled and general modifications to the building as a whole to serve its new function better.		
		

8.3.18 Good Shepherd Sisters : Refurbishment of Rodrigue Convent 2007-09

Assignment Name: Structural Design and Supervision Services for the Refurbishment of St. Rodrigue Convent		Country: Lesotho
Location within Country: Ha Raleqheka (Mpatana)		Professional Staff Provided by Your Firm/entity(profiles): 2 No. Engineers
Name of Client: Good Shepherd Sisters		Nº of Staff: 2
Address: P O Box 14258 Maseru 100 Lesotho Contact: Sister Gorethi +266 5888 2844		Nº of Staff -Months; duration of assignment: 12 man-months
Start Date (Month/Year): September 2007	Completion Date (Month/Year): May 2009	Approx. Value of Services M15,000,000
Name of Associated Consultants, if any: None		Nº of months of professional Staff Provided by Associated Consultants None
Name of Senior Staff (Project Director / Coordinator, Team Leader) involved and functions performed: A.T. Lehobo – Project Manager M. Williams – Civil & Structural Engineer		
Narrative Description of Project: Design and Supervision of Convent's refurbishment works. The buildings for refurbishment date back to 1940's and were quite a challenge with lots of antic items that are no longer available		
Description of Actual Services Provided by Your Staff: Design services and supervision of civil and structural components of the works. The work included the design of support system to the sagging slab to the basement roof, design of new sewer pipeline and the septic tank, design of water tanks towers and the associated pipeworks. The design also covered new foundations, underpinning to existing foundations and walkway pavements		
		

8.3.19 Good Shepherd Sisters : Refurbishment of Three Storey Convent 2007-07

Assignment Name: Structural Design and Supervision Services for the Three-Storey Residence Building		Country: Lesotho
Location within Country: On the Berea Plateau		Professional Staff Provided by Your Firm/entity(profiles): 1 No. Engineer
Name of Client: Good Shepherd Sisters		Nº of Staff: 1 No. Engineer
Address: P O Box 14258 Maseru 100 Lesotho Contact: Sister Gorethi +266 5888 2844		Nº of Staff -Months; duration of assignment: 12 man-months
Start Date (Month/Year): July 2007	Completion Date (Month/Year): June 2009	Approx. Value of Services M7,000,000
Name of Associated Consultants, if any:		Nº of months of professional Staff Provided by Associated Consultants
Name of Senior Staff (Project Director / Coordinator, Team Leader) involved and functions performed: M. Williams – Civil and Structural Engineer A. Müller - Mentor		
Narrative Description of Project: Design and supervision of three Storey Residential Building.		
Description of Actual Services Provided by Your Staff: Design Services and supervision of construction and post-construction services. The design covered concrete framed structure, retaining walls, portable water reticulation and sewer system (pipeline and septic tank)		
		

8.3.20 LNDC : Design Construction Supervision of M60 Factory Shells 2006-08

Assignment Name: Structural Design and Provision of Construction Supervision Services for M60 Factory Shells for LNDC		Country: Lesotho
Location within Country: Ha Nyenye, Maputsoe		Professional Staff Provided by Your Firm/entity(profiles): 1No. Engineer
Name of Client: Lesotho National Development Corporation		Nº of Staff: 1 no. Engineer
Address: Private Bag A96 Maseru 100 Lesotho Contact: Mr Mofammere +266 5885 6085		Nº of Staff -Months; duration of assignment: 8 Man-months
Start Date (Month/Year): August 2006	Completion Date (Month/Year): January 2007	Approx. Value of Works M18,000,000
Name of Associated Consultants, if any: None		Nº of months of professional Staff Provided by Associated Consultants None
Name of Senior Staff (Project Director / Coordinator, Team Leader) involved and functions performed: M. Williams – Civil and Structural Engineer		
Narrative Description of Project: Design and Construction supervision of M60 factory (60000m²)		
Description of Actual Services Provided by Your Staff: Design and Supervision of Construction and post-construction works. The project included massive earthworks with cut and fill heights in excess of 6m for the construction of a platform to accommodate 10000m ² of factory space. Design also included steel space frames spanning 20m and 2 storey concrete office block and sewerage system into the existing bulk line.		
		

8.3.21 Mogale City : Refurbishment of Ga Mogale Sports Complex 2005-09

Assignment Name: Supervision Services for the Refurbishment of Ga-Mogale Sports Complex		Country: South Africa
Location within Country: Magaliesburg, South Africa		Professional Staff Provided by Your Firm/entity(profiles): 2 No. Engineers
Name of Client: Mogale City		Nº of Staff: 2
Address: P O Box 0582 Magaliesburg 9300		Nº of Staff -Months; duration of assignment: Staff Months: 14 Duration: 9 months
Start Date (Month/Year): September 2005	Completion Date (Month/Year): June 2008	Approx. Value of Services R58,500,000
Name of Associated Consultants, if any: None		Nº of months of professional Staff Provided by Associated Consultants None
Name of Senior Staff (Project Director / Coordinator, Team Leader) involved and functions performed: S. Selatile – Project Manager M. Williams – Civil & Structural Engineer		
Narrative Description of Project: Design and Supervision for soccer field, athletics track, spectator stands and change rooms, ablutions		
Description of Actual Services Provided by Your Staff: Project Management (Principal Agent) field and athletics track entailing massive earthworks on a sloping and rocky ground, including construction of spectator stands with a sitting capacity of 5000.		

8.3.22 Mandela Childrens Foundation : Sediti High School, Thaba Nchu 2002-01

Assignment Name: Structural Design and Construction Supervision of Sediti High School		Country: Republic of South Africa
Location within Country: Thaba Nchu		Professional Staff Provided By Your Firm/Entity (Profiles): 2 No. Engineer
Name of Client: Mandela Children's Foundation		No. of Staff: 2
Address: Johannesburg		No. of Staff Months; duration of assignment: 11 Man-months
Start Date (Month/Year): January 2002	Completion Date Month/Year: May 2003	Approx. Value Of Services: R8,500,000
Name Of Associated Consultants, If Any: None		No. Of Months Of Professional Staff Provided By Associated Consultants: N/A
Name of Senior Staff (Project Director/Coordinator, Team Leader) involved and functions performed: L. Phooko - Structural Engineer M. Williams - Assistant Structural Engineer		
Narrative Description On Projects: Design and Construction Supervision of two storey school buildings		
Description of Actual Services Provided by Your Staff: Design, Construction And Post-Construction Supervision		

8.3.23 ACSA : Construction of Carca Footwear Factory Shell Extension 2000-04

Assignment Name: Design and Construction Supervision of Carca Footwear Factory shell Extension		Country: Lesotho
Location within Country: Ha Nyenye LNDC Industrial Estate		Professional Staff Provided by Your Firm/entity(profiles): 3 No. Engineers
Name of Client: Airports Company of South Africa		Nº of Staff: 3
Address: Lesotho National Development Corporation Contact: Mr Mofammere +266 5885 6085		Nº of Staff -Months; duration of assignment: 2 man-months
Start Date (Month/Year): April 2000	Completion Date (Month/Year): March 2001	Approx. Value of Services
Name of Associated Consultants, if any: None		Nº of months of professional Staff Provided by Associated Consultants None
Name of Senior Staff (Project Director / Coordinator, Team Leader) involved and functions performed: A. T. Lehobo - Project Manager L. Phooko - Structural Engineer M. Williams - Assistant Structural / Civil Engineer		
Narrative Description of Project: Design and Construction Supervision of Structural and civil works components of the factory building.		
Description of Actual Services Provided by Your Staff: Design, construction and post-construction supervision services of the civil and structural components of the project.		

8.3.24 Free State Schools Building Trust : Botlehadi Primary School 1999-11

Assignment Name: Structural Design and Construction Supervision of Botlehadi Primary School		Country: Republic of South Africa
Location within Country: Bloemfontein		Professional Staff Provided by your Firm/Entity (profiles): 2no. Engineers
Name of Client: Free State School Building Trust		No. of Staff: 2
Address: P.O. Box 3903 Bloemfontein 9300		No. of staff months; duration of assignment: 3 man-months
Start Date (Month/Year): November 1999	Completion Date Month/Year: February 2000	Approx. Value of Services: R1,800,000
Name of Associated Consultants, if any: None		No. of Months of Professional Staff provided by Associated Consultants: N/A
Name of Senior Staff (Project Director/Coordinator, Team Leader) involved and functions performed: L. Phooko - Structural Engineer M. Williams - Assistant Structural Engineer		
Narrative Description on Projects: Design and Construction Supervision of foundations and external works.		
Description of Actual Services Provided by Your Staff: Design, Construction and Post-Construction Supervision		

8.3.25 Ministry of Public Works : Roads Branch Headquarters 1999-02

Assignment Name: Structural Design and Construction Supervision of the Roads Branch Headquarters in Maseru		Country: Lesotho
Location within Country: Maseru		Professional Staff Provided by Your Firm/entity(profiles): 2 No. Engineers
Name of Client: Ministry of Public Works and Transport		Nº of Staff: 3
Address: P.O. Box 20 Maseru 100 Lesotho Contact: Moshoeshoe +266 2231 1362		Nº of Staff -Months; duration of assignment: 4 man- months
Start Date (Month/Year): February 1999	Completion Date (Month/Year): August 2001	Approx. Value of Services M28,000,000
Name of Associated Consultants, if any: None		Nº of months of professional Staff Provided by Associated Consultants None
Name of Senior Staff (Project Director / Coordinator, Team Leader) involved and functions performed:		
A.T.Lehobo - Project Manager A. Müller - Structural Engineer (mentor) L. Phooko - Assistant Structural Engineer		
Narrative Description of Project:		
Design and Construction Supervision of all structural and civil works for this three storey building project. The project also included a two storey building for Roads Branch Offices as well as a steel structure used as workshop for manufacturing of road signs.		
Description of Actual Services Provided by Your Staff:		
Design, Tender Documentation, Construction and Post-Construction Supervision		
		

8.3.26 MUCPP : Design & Construction of Centre for Economic Development 1998-09

Assignment Name: Structural Design and Construction Supervision of the Centre for Economic Development		Country: Republic of South Africa
Location within Country: Bloemfontein		Professional Staff Provided by your Firm/Entity (profiles): 2 Engineers
Name of Client: MUCPP		No. of Staff: 2
Address: Mangaung University of Free State Community Partnership Programme		No. of staff months; duration of assignment: 5 man-months
Start Date (Month/Year): September 1998	Completion Date Month/Year: September 1999	Approx. Value of Services: M12,000,000
Name of Associated Consultants, if any: N/A		No. of Months of Professional Staff provided by Associated Consultants: N/A
Name of Senior Staff (Project Director/Coordinator, Team Leader) involved and functions performed: L. Phooko - Structural Engineer M. Williams - Assistant Structural Engineer		
Narrative Description on Projects: Design and Construction Supervision of foundations, staircase and external works.		
Description of Actual Services Provided by Your Staff: Design, Construction and Post-Construction Supervision		

8.3.27 Ministry of Public Works : Thatho Residence Agric College 1997-11

Assignment Name: Structural Design and Supervision of the Renovation and Underpinning of Thatho Residence – Agric College		Country: Lesotho
Location within Country: Maseru		Professional Staff Provided by your Firm/Entity (profiles): 2 no. Engineers
Name of Client: Ministry of Public Works and Transport		No. of Staff: 2
Address: P.O. Box 20 Maseru 100 Lesotho		No. of staff months; duration of assignment: 2 man-months
Start Date (Month/Year): November 1997	Completion Date Month/Year: May 1998	Approx. Value of Services US\$125,000
Name of Associated Consultants, if any: None		No. of Months of Professional Staff provided by Associated Consultants: N/A
Name of Senior Staff (Project Director/Coordinator, Team Leader) involved and functions performed: T. Moloi - Project Director L. Phooko - Project Engineer		
Narrative Description on Projects: Design and Construction Supervision of renovation and foundations underpinning and drainage works.		
Description of Actual Services Provided by Your Staff: Design, Construction and Post-Construction Supervision		

8.3.28 LNDC : 2 x M10 Factory Shells for LNDC in Thetsane Industrial 1997-04

Assignment Name: Review of the Structural Design and Construction Supervision of 2 x M10 Factory Shells for LNDC on Site No.12 at Thetsane Industrial		Country: Lesotho
Location within Country: Maseru		Professional Staff Provided by your Firm/Entity (profiles): 2 no. Engineers
Name of Client: Lesotho National Development Corporation		No. of Staff: 2
Address: Private Bag A96 Maseru 100 Lesotho Contact: Mr Mofammere +266 5885 6085		No. of staff months; duration of assignment: 0.95 man-months
Start Date (Month/Year): April 1997	Completion Date Month/Year: January 1998	Approx. Value of Services M14,000,000
Name of Associated Consultants, if any: None		No. of Months of Professional Staff provided by Associated Consultants: N/A
Name of Senior Staff (Project Director/Coordinator, Team Leader) involved and functions performed: T. Moloi - Project Director L. Phooko - Structural Engineer		
Narrative Description on Projects: Design and Construction Supervision of all concrete foundations as well as external works. Checking of design calculations for the structural steel component which was designed by the Contractor .		
Description of Actual Services Provided by Your Staff: Design, Construction and Post-Construction Supervision		

8.3.29 Ministry of Public Works : Police Training Centre Facilities 1996-11

Assignment Name: Structural Design and Construction Supervision of the Police Training Centre Dormitories and Dining Hall in Maseru		Country: Lesotho
Location within Country: Maseru		Professional Staff Provided by your Firm/Entity (profiles): 2 no. Engineers
Name of Client: Ministry of Public Works and Transport		No. of Staff: 2
Address: P.O. Box 194 Maseru 100 Lesotho		No. of staff months; duration of assignment: 0.80 man-months
Start Date (Month/Year): November 1996	Completion Date Month/Year: June 1997	Approx. Value of Services: US\$387,500
Name of Associated Consultants, if any: None		No. of Months of Professional Staff provided by Associated Consultants: N/A
Name of Senior Staff (Project Director/Coordinator, Team Leader) involved and functions performed: T. Moloi - Project Director L. Phooko - Structural Engineer		
Narrative Description on Projects: Structural Design and Construction Supervision of two storey building and external works.		
Description of Actual Services Provided by Your Staff: Design, Construction and Post-Construction Supervision		

8.4 ENVIRONMENTAL & SOCIAL IMPACT STUDIES

8.4.1 Ministry of Water : LLRWSD Phase II Botha Bothe Zone 1 ESIA Review 2022-06

Assignment Name: Lowlands Rural Water Supply Development Phase II Botha Bothe Zone 1 ESIA Review		Country: Lesotho
Location within Country: Botha Bothe		Professional Staff Provided by Your Firm/entity(profiles): 5 No.
Name of Client: Commissioner of Water, Ministry of Water		Nº of Staff: 6
Address: 2nd Floor Bokamoso Bldg Orpen Road, Maseru 100 Lesotho Tel: 2231 6854		Nº of Staff -Months; duration of assignment: 12 man-months (Key staff)
Start Date (Month/Year): Jun 2022	Completion Date (Month/Year): July 2022	Approx. Value of Services R1,236,250
Name of Associated Consultants, if any: Multinodal Consultants		Nº of months of professional Staff Provided by Associated Consultants 2 man-months
Name of Senior Staff (Project Director / Coordinator, Team Leader) involved and functions performed: T. Mdawarima - Project Coordinator V. Monyake - ESIA Specialist T. Hlabana - RAP Specialist N. Monare - ESIA RAP Advisory M. Williams - Engineering Advisory L Williams - Environmentalist I Chaka - Environmental Monitor		
Narrative Description of Project: Provide Design Review for the Environmental and Social Assessment made including the validating the Resettlement Action Plan for the proposed Zone 1 Lowlands Water Development Phase II emanating from the Lowlands Rural Water Supply Development Phase II for Botha Bothe Area with special note of the Hololo Water intake.		
Description of Actual Services Provided by Your Staff: Full validation and Design Review of the 2008 and 20018 ESIA Studies for the Commissioner of water under African Development Bank funding and conditions with report approved at the Bank Standards in given duration.		
		

8.4.2 LEC : LREEAP ESIA and ARAP for Hlotse-Ha Belo 330kV Line 2021-02

Assignment Name: EIA Study & ARAP for Construction of Ha Belo Substation & Transmission Line		Country: Lesotho
Location within Country: Leribe		Professional Staff Provided by Your Firm/entity(profiles): 3 Key 2 Non Key.
Name of Client: Lesotho Electricity Company Pty Ltd		Nº of Staff: 3 Key +2 Non-Key
Address: 53 Moshoeshoe Road, Industrial Area, Box 423 Maseru 100 Lesotho		Nº of Staff -Months; duration of assignment: 15 man-months (Key staff)
Start Date (Month/Year): Feb 2021	Completion Date (Month/Year): Jun 2021	Approx. Value of Services: Fees SMCE M1,238,290
Name of Associated Consultants, if any: Transec Electrical Consultant Three One Three Environmental Consultancy		Nº of months of professional Staff Provided by Associated Consultants 4 man-months
Name of Senior Staff (Project Director / Coordinator, Team Leader) involved and functions performed: N. Monare Environmentalist / Team Leader P. Makholisa Electrical Engineer M. Mhlanga Socio-Economic Specialist M. Williams Director T. Mdawarima - Deputy Team Leader Project Coordinator S. Khose Environmental & Social Expert		
Narrative Description of Project: Lesotho Renewable Energy & Energy Access Project (LREEAP) for consultancy services for undertaking an Environmental and Social Impact Assessment (ESIA) and development of an Abbreviated Resettlement Action Plan (ARAP) for Construction of Civil and Electrical Works for the new 33/11kV outdoor Substation at Belo Industrial Area and a 33kV line from Hlotse Substation to Belo Industrial Area.		
Description of Actual Services Provided by Your Staff: Undertook the ESIA study and provided the ARAP for the project, submitted the ESIA & ARAP Reports for World Bank scrutiny and to the Department of Environment to obtain necessary Record of Decision (ROD) which was granted. Prepared and submitted also Inception Reports, Public Gathering Attendance Reports, Electrical Engineering Report, Environmental and Social Management Plan, Social Impact Assessment Report, OHS Report, Health & Safety Management Plan.		
 		

8.4.3 MCA : Feasibility Study for Lowlands Irrigation Development 2021-01

Assignment Name: Feasibility Study for Irrigation & Horticulture in Lesotho		Country: Lesotho
Location within Country: Leribe (Zone 2, 3)		Professional Staff Provided by Your Firm/entity(profiles): 4 Key 1 Non Key.
Name of Client: AECOM SA Pty Ltd		Nº of Staff: 4 Key +1 Non-Key
Address: 263A West Avenue Centurion Pretoria 0157 South Africa		Nº of Staff -Months; duration of assignment: 12 man-months (Key staff)
Start Date (Month/Year): Jan 2021	Completion Date (Month/Year): Mar 2023	Approx. Value of Services: Scope Fees SMCE) US\$ 153,839.91 [-M2,563,895.94]
Name of Associated Consultants, if any: Multinodal Environmental Consultants		Nº of months of professional Staff Provided by Associated Consultants 02 man-months
Name of Senior Staff (Project Director / Coordinator, Team Leader) involved and functions performed: T. Mdawarima - Local coordination T Hlabana- Social Scientist Heading Social Safeguards V Monyake - Environmentalist Heading Environmental Assessments N. Monare Environmentalist Input into Agro-Industry Potential M. Williams Civil Engineer Input into Access Route Design		
Narrative Description of Project: Under the Millennium Challenge Corporation Account Lesotho were exploring feasibility of developing Irrigation and Horticulture in the selected Lowlands and Foothills (Phamong, Manka, Tsoli Tsoli, Likhakeng) . Study involved multidiscipline approach from Engineering to Environmental, Social, Economic, Topographic survey, Architecture and Hydrology together with Agriculture. SMCE was subcontracted for its portion of the works.		
Description of Actual Services Provided by Your Staff: Provision of Social safeguards, Environmental Assessments, Civil Engineering preliminary Design inputs into the Feasibility Study; Local team coordination, Client Communication, Site Assessments and Design Proposal feasibility check		
		

8.5 WATER PROJECTS

8.5.1 Dikgatlong Municipality : Windsorton Holpan Water Treatment Works 2014-10

Assignment Name: Holpan Water Supply and the Upgrade of Windsorton Water Treatment Works Part A		Country: Northern Cape -South Africa
Location within Country: Windsorton, Northern Cape		Professional Staff Provided by Your Firm/entity(profiles): 6 No.
Name of Client: Dikgatlong Local Municipality		Nº of Staff: 10
Address: Campbell Street, Barkly West 8375, Northern Cape, SA Tel: +27-53-531-6503		Nº of Staff -Months; duration of assignment: 120 man-months (Key staff)
Start Date (Month/Year): Oct 2014	Completion Date (Month/Year): Aug 2020	Approx. Value of Services R37,500,000 (R4,000,000)
Name of Associated Consultants, if any: KMSD Consulting Engineers		Nº of months of professional Staff Provided by Associated Consultants 30 man-months
Name of Senior Staff (Project Director / Coordinator, Team Leader) involved and functions performed: T. Mdawarima - Project Engineer, Contract Project Manager V. Taruvinga - Civil Engineer M. Kenesi - Mechanical Engineer L. Mhangwa - Electrical Engineer R. Schaff - Structural Engineer J. Chingwaru - Resident Engineer 4 candidates - Inspector of works and materials technicians		
Narrative Description of Project: Provide Design for Windsorton Water Treatment Plant, Upgrade existing Water Treatment Facilities including Storage Dam and 10km 160mm Supply Pipe Upgrade to Holpan and Windsorton. Supervise the Construction of the Raw Water Storage Dam, the Upgrading of the Water Treatment Plant, Commission the Water Treatment Package Plant, Upgrade the Electrical Supply to Facilities, Construction of 2# Pump Houses, 350kL Reservoir in Holpan.		
Description of Actual Services Provided by Your Staff: Architectural and Structural Design of the Water Treatment Building, Civil Design of Raw Water Storage Dam, Sludge Dry Bed and Pump Chamber, Mechanical and Electrical Design for the Water Treatment Package Plant, Civil Design of Elevated Storage in Windsorton. Contract Management Design Drawings and Tender Documents, Construction Supervision of Raw Water Storage Dam, Water Treatment Building, Pump Chamber, Sludge Dry Bed and Administering Manufacture and Installation of Water Treatment Package Plant. Commissioning Geotechnical Investigations and Monitoring Occupational Health and Safety on the Provision and Site Monitoring all Construction Activities with Resident Engineer and Provision of Engineer for the Project Administration of the Project.		
		

8.5.2 Tswelopele Local Municipality : Tswelopele Bulk Water Supply Projects 2014-06

Assignment Name: Upgrading of Bulk Water Supply for Tswelopele Local Municipality		Country: South Africa
Location within Country: Bultfontein, Free State		Professional Staff Provided by Your Firm/entity(profiles): 3 No.
Name of Client: Tswelopele Local Municipality		Nº of Staff: 4
Address: P O Box 3 Bultfontein 9670 Free State, SA Tel: +27-51-853-1111		Nº of Staff -Months; duration of assignment: 160 man-months (Key staff)
Start Date (Month/Year): Jun 2014	Completion Date (Month/Year): Jun 2019	Approx. Value of Services R64,300,000 (R5,700,000)
Name of Associated Consultants, if any: PAN-SEP Consulting Engineers		Nº of months of professional Staff Provided by Associated Consultants 60 man-months
Name of Senior Staff (Project Director / Coordinator, Team Leader) involved and functions performed: T. Mdawarima - Technical Manager, Contract Project Manager S. Panyane - Project Engineer M. Kenesi - Mechanical Engineer / Resident Engineer 2 candidates - Inspector of works and materials technicians		
Narrative Description of Project: Relaying of Plastic Lining on 20ML Dam, Stopping Leaking, Upgrading Pump Capacity and Power Supply, Switch gear and Genset to Two Municipal Areas of Luipaardvlei and Valencia and Lower Suction Pipe for full Dam Abstraction at Bultfontein Water Treatment Works, Refurbishment of existing Water Treatment Works. Design and Construct for current and future Demand.		
Description of Actual Services Provided by Your Staff: Application of Funding, Application of Water Use License, Design and Tender Documentation for Municipality and Adjudication of Tenders and Construction Monitoring of Two Phases of the Project.		
		

8.6 SANITATION PROJECTS

8.6.1 Moghaka Local Municipality : Kroonstad Waste Water Treatment Works 2014-09

Assignment Name: Upgrading and Refurbishment of Kroonstad Waste Water Treatment Works		Country: South Africa
Location within Country: Kroonstad, Free State		Professional Staff Provided by Your Firm/entity(profiles): 3 No.
Name of Client: Moghaka Local Municipality		Nº of Staff: 3
Address: P O Box 302 Kroonstad 9500 Free State, SA Tel: +27-56-216-9121		Nº of Staff -Months; duration of assignment: 40 man-months (Key staff)
Start Date (Month/Year): Sep 2014	Completion Date (Month/Year): Nov 2015	Approx. Value of Services R21,000,000 (R3,300,000)
Name of Associated Consultants, if any: -nil-		Nº of months of professional Staff Provided by Associated Consultants -- man-months
Name of Senior Staff (Project Director / Coordinator, Team Leader) involved and functions performed: T. Moloi - Director T. Mdawarima - Contract & Project Engineer M. Kenesi - Mechanical Engineer / Resident Engineer		
Narrative Description of Project: Analysis of existing Kroonstad Waste Water Treatment Plant and Upgrade and Refurbish where required the Waste Water Treatment Plant (WWTW). The WWTW was being overwhelmed and no longer able to handle the load in part due to township growth and also because of ageing equipment and constant breakdown of pumps and other treatment equipment . Work required was to provide solution and training for running Operation and Maintenance post Construction..		
Description of Actual Services Provided by Your Staff: Determine the extent of the required works, Analyse Existing Systems, Design Solution and Prepare Tender Documentation and Undertake Evaluation and Construction Monitor the Project during Construction.		
		

8.7 ADDITIONAL EXPERIENCE

8.7.1 Arbitration & Other Review Services

NAME OF PROJECT	PERIOD	SERVICES PROVIDED
Arbitration of Roads Directorate versus Lejakane Construction	Complete	Arbitration services comprising comprehensive investigations of the case and then award
Arbitration of DRR versus Mathula Construction	Feb' 07 - June '07	Arbitration services comprising comprehensive investigations of the case and then award
National University of Lesotho Projects Cost Overruns	May '07 - June '07	Review of Project documents, stakeholders' interviews and determination of causes of project cost – over runs, and recommendations
Review of Categorization of Road Contractors	Jan '07 - March'07	Review of categorization format, interview of contractors, work shopping of the new format, analysis and evaluation of completed new format and then new category of contractors
Environmental Planning and Management	August '03 – Mar'04	Development of Environmental guidelines for the agricultural sector
Baseline Socio-Economic and Environmental Impacts Study	June '00 – Dec '00	Assessment of socio-economic and environmental impacts of DRR rural road upgrading programme
Environmental Compliance Study	July '05 – July'05	Provision of Environmental Audit services
Tollgates Survey Study0	Jan '99 – Dec '99	Study of border posts traffic and tollgate revenue generation
National Transport Study	March 1993 – Jan 1995	Review of current transport policy and transport development and recommendation of transport investment programme